

# NARST 207

## Participants

Name	Group Schedule
A. Lynn Stephens	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm, ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm
Aaron Collins	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Aaron D. Rogat	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Aaron Price	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am, ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Abdi M. Warfa	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Abeer Watted	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
Abha M Vaishampayan	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Abraham Lo	ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm
Abraham Ologundudu	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Ada Ren	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Adam Moore	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm
Adam Reinagel	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Adam V. Maltese	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Adam Wade	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Aditi Wagh	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Adiv Gal	ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm, ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Ala Samarapungavan	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm
Alaina Pak	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Alaina Szostkowski	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Alan Reid	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Alejandra Magana	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Alejandro Andrade	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Alejandro Gallard	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm
Alejandro J. Gallard	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Alex T. Kararo	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Alex T. Madsen	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Alexander Robinson	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Alexandra M. Burris	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Alexandra Moormann	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Alexandria L. Mazur	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Alexis A. Rutt	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Alexis Patterson	ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Ali Bicer	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm

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Name	Group Schedule
Alicia C. Alonzo	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am, ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Alison M. Wallace	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Alison R. Miller	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Aliza Segal	ST6:SC-Papers-Family Learning in Informal Settings - Tue 04/25/2017 02:45pm to 04:15pm
Aliza Stein	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am
Allan Feldman	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am, ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Allison Antink	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Allison Bookbinder	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Allyson M. Rogan	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Alonzo B. Alexander	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Alyssa Goodman	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Alyssa Lopez	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
Amanda Benedict	ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm
Amanda Bozack	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Amanda Gonczi	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm, ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Amanda Luh	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Amanda M. Gunning	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Amanda N. Peel	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Amanda Sebesta	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Amanda Smith	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Amber S. Bismack	ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm, ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm
Amber Simpson	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Amber Todd	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am
Amelia Brown	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Amelia Wenk Gotwals	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Amie Patchen	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Amity F. Gann	ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Amy M. Kamarainen	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Amy M. Lark	ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Amy Pallant	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Amy R. Ricketts	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Amy Trauth	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Ana Becerra	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am

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Name	Group Schedule
Ana Maria Navas Iannini	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Anahid Modrek	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Analia Villagra	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Anat Yarden	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm, ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Anat Zohar	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Andrea P. Ambrose	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Andreas Borowski	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Andrew T. Kinslow	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Andrew Wild	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Andri Christodoulou	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Andria Stammen	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Andy Cavagnetto	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm, ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am, ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Angela Barlow	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Angela Calabrese Barton	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm
Angela Chapman	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Angela D. Kolonich	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am
Angela Hostetler	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Angela M. Kelly	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm, ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm, ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Angela Sandmann	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Angela Skeeles	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Angelina Constantine	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Anik Meunier	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Anita Husseinius	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am
Anita S Tseng	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Anita Schuchardt	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Anita Tseng	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Ann E. Rivet	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Ann M. Novak	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm
Ann S. Rosebery	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Anna Beck	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Anna C. MacPherson	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am
Anna M. Phillips	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
Anna M. Strimaitis	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Anna Maria Arias	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm, ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm,

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Name	Group Schedule
	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Anna Ulitto	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Anne	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Anne E. Leak	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Anne Kern	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Anne Marie Casper	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Annenmarie Palincsar	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm, ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm, ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Annette Upmeier Zu Belzen	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Annmarie R. Ward	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Anthony Dudo	ST6:-Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences - Tue 04/25/2017 10:15am to 11:45am
Anthony W. Lorschach	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Anton Puvirajah	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Antonio Carlos Mometti	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Anuschka Neuwald	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Anza Mitchell	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Ardice Hartry	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Aressa Coley	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Arturo Colantonio	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Arzu Arslan	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Ashley Chiu	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Ashley H. Murphy	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Ashley N. Murphy	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Ashley Peterson	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am
Asli Sezen	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm
Asnat Zohar	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Atasi Das	ST8:-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm
Aubrey Whitehead	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Audrey Groleau	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm
Audrey Mohan	ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm, ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Augusto Z. Macalalag	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm, ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Avi Hofstein	ST16:AS-Cross-Countries Collaborations for a Globalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm
Ayana McCoy	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Ayelet Baram	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am, ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm, ST6:-Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences - Tue 04/25/2017 10:15am to 11:45am

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Name	Group Schedule
Ayşe T. Oner	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Aysegul Demir	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Aysegul Derman	ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Aysegul Saglam Arslan	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Bahadır Namdar	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Banu AVSAR ERUMIT	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Barbara A. Crawford	ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm
Barbara Cady	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Barbara Miller	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Barbara Nagle	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Barbara Schneider	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Barry Golden	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Bashirah Ibrahim	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Bela Yavetz	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Belinda Flores Bustos	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Bell Weiss	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Ben Baumfalk	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm
Ben Van Dusen	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Benjamin C. Herman	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Benjamin Gallegos	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Benjamin Ho	ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Benjamin J. Barlow	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Benjamin L. Tupper	ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm
Berit S. Haug	ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Bernadette Doynos	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Bernadette Ohmer	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Bernadette Sibuma	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Beth A. Covitt	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Beth Warren	ST11:RP-Exploring artscience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Betty Stennett	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Betul Demirdogen	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Bharath Kumar	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am, ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Bhaskar Upadhyay	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Bianca Montrosse	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am
Billy McClune	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am

# NARST 207

## Participants

Name	Group Schedule
Binaben H. Vanmali	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm, ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Birgit Jana Neuhaus	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Bita Akram	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Blake Whitt	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Blakely Tsurusaki	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Blanca Puig Mauriz	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am
Bobby Habig	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Bradford Davey	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Bradford Mott	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Brenda G. Bergman	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm, ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Brenda R. Brand	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Brett Criswell	ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Brian Gravel	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Brian J. Reiser	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am
Brian M. Donovan	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Brian M. Hand	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Brian Reiser	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
Brian Sato	ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Brian T. Cooper	ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Briana Jefferson	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Bridget K. Mulvey	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Bridget T. Miller	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Brittany Kraft	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Brooke A. Whitworth	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Brooke Bourdelat	ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Bruce G. Waldrip	ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Bruce Johnson	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Bruce MacFadden	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Bruce V. Lewenstein	ST6:-Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences - Tue 04/25/2017 10:15am to 11:45am
Bryan A. Brown	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am, ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Bryan Shao	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Bugrahan Yalvac	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Burkhard Priemer	ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm, ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm

# NARST 207

## Participants

Name	Group Schedule
Busra Aksoz	ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
C. Meghan Hausman	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Caesar R Jackson	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Caio S. Nagayoshi	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Caitlin G. Fine	ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Caleb Trujillo	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Canan Cengiz	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Candice R. Guy	ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm
Cara Gormally	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Cari F. Herrmann Abell	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Carina M. Rebello	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Carla Zembal	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Carly Rietschel	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Carmen M. Vanderhoof	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Carol Hanley	ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Carol L. Stuessy	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Carole E. Haeusler	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm
Carole P. Mitchener	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Carolin Frank	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Carolina C. Rodríguez	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am, ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Caroline Parker	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Carolyn A. Parker	ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Carolyn Schultz	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Carolyn Staudt	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm
Carrie D. Allen	ST8:-Exploring Examples of Organizational Sensemaking as Educators Shift Teaching Practices to Align to NGSS - Sat 04/22/2017 02:40pm to 04:10pm, ST15:AS-Conceptualizing Organizational Processes in Science Education Reform: A Set of Theoretical Tools - Mon 04/24/2017 10:30am to 12:00pm, ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
Carrie J. Bucklin	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Carrie T. Tzou	ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Cassie Quigley	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm
Catherine E. Milne	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Catherine Fallona	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Catherine Kruchten	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Catherine Lemmi	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Catherine Milne	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Catherine Quinlan	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm

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## Participants

Name	Group Schedule
Cathy P. Lachapelle	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Ceren Oztekin	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm
Ceren Soysal	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Cesar Delgado	ST10:-New Directions and Longstanding Issues in Assessment of Evolutionary Knowledge - Sat 04/22/2017 04:20pm to 05:50pm, ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Ceyhan Cigdemoglu	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am, ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Chad Dorsey	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Chandan Dasgupta	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Chandralekha Singh	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Chantal Pouliot	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm
Charles W. Anderson	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Charles Xie	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm, ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Charlène Bélanger	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Chelsea Andrews	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Chen	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Cheng Liu	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Cheryl Craig	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Cheryl L. Meehan	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Cheryl T. Horton	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Chris D. Griesemer	ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm
Chris Dede	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Chris Mortenson	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Christa Haverly	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Christian D. Schunn	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Christian Förtsch	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Christina Hillesheim	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Christina I. Winterton	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Christina Krist	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
Christina Restrepo Nazar	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm
Christina Silliman	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Christina Siry	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am, ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Christina V. Schwarz	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Christine Andrews	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm



# NARST 207

## Participants

Name	Group Schedule
Christine D. Tippett	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Christine J Thorn	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Christine M. Cunningham	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Christine V. McDonald	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Christine V. Mcdonald	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Christopher C Deneen	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Christopher Cappelli	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Christopher D. Murakami	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Christopher Klager	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Christopher Palma	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Christopher Spinler	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Christopher Wilson	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Chrysta Ghent	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Chrystalla Mouza	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Chun	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Cigdem Han	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Cigdem Han Tosunoglu	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Cindi Smith	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Cindy L. Kern	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Ciro Minichini	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Cissy Ballen	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Claire M. Morrison	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Clarissa Deverel	ST8:-Exploring Examples of Organizational Sensemaking as Educators Shift Teaching Practices to Align to NGSS - Sat 04/22/2017 02:40pm to 04:10pm
Clark A. Chinn	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am, ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Claudia Grant	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Claudia P. Aguirre	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am, ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm, ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Claudia Vergara	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Colette Murphy	ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Connie Hvidsten	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Constantinos C. Manoli	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Corey Knox	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Corey Schimpf	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Cory T. Forbes	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm, ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am, ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm

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## Participants

Name	Group Schedule
Courtney A. Bell	ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
Courtney Castle	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Courtney Ngai	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Craig Hoyle	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Cristina A. Trowbridge	ST8:-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm
Cynthia Greenleaf	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Cynthia Hill	ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Cynthia Passmore	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm, ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm
Cynthia Szymanski Sunal	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Dafna Gan	ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm, ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Dana L. Zeidler	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST16:AS-The JRST Doctoral Student Mentored Reviewer Initiative: Bolstering a top-tier research journal's graduate education contributions - Sun 04/23/2017 10:15am to 11:45am, ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm, ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am, ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Dana Vedder	ST6:SC-Papers-Family Learning in Informal Settings - Tue 04/25/2017 02:45pm to 04:15pm
Danae Kamdar	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Daniel Averbeck	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Daniel Birmingham	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm, ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm
Daniel C. Edelson	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Daniel L. Dickerson	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Daniel M. Alston	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Daniel Morales	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Daniel N. Damelin	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm, ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm
Daniel Olsson	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Daniel P. Shepardson	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm
Daniel Wolff	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am
Daniel Z. Meyer	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Daniel Zeiger	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Danielle Herro	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm
Danielle K. Ross	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am, ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Danielle Koehler	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Danielle T. Keifert	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
Dante Cisterna	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Danusa Munford	ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am

# NARST 207

## Participants

Name	Group Schedule
Daphne Goldman	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm, ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm, ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Darren G. Hoeg	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
David B. Vallett	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
David E. Brown	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm
David E. McKinney	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
David F. Jackson	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
David Hammer	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
David L. Fortus	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
David L. Silvernail	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
David Owens	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
David Santibanez Gomez	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
David Segura	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
David Stroupe	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am
Dawn Nachtigall	ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Dawn Wiseman	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Day W. Greenberg	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm
Deb J McGregor	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Debbie Siegel	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Deborah C. Peek	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Deborah G. Herrington	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Deborah J. Tippins	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Deborah L. Hanuscin	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm, ST16:AS-NSTA's Annual Research Worth Reading Recognition - Mon 04/24/2017 10:30am to 12:00pm, ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Deborah Lan	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Debra Panizzon	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Deirdre Hugi	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Denise Ariola	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Deniz Saribas	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Dennis Mullen	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Dennis Sunal	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Devarati Bhattacharya	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm, ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Devasmita Chakraverty	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
Devrim Guven	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm
Diane L. Nutbrown	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am

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## Participants

Name	Group Schedule
Diane Litman	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Diane Silva Pimentel	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Dianne L. Anderson	ST10:-New Directions and Longstanding Issues in Assessment of Evolutionary Knowledge - Sat 04/22/2017 04:20pm to 05:50pm
Diego Rojas	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Dilek Karisan	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Dimitris Psillos	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Dirac Sze Him Lam	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Dirk Krueger	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Dominique Bulls	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Donald Kerr	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Dongsheng Dong	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Donna B. Jeffe	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
Donna Stokes	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Dora E. Kastel	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Doris Lewalter	ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Dorit Baum	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Doug Lombardi	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Drew Gitomer	ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
Déana A. Scipio	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm, ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Dürdane Bayram	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Ebru Kaya	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Eckart Hasselbrink	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Edmund S. Adjapong	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Edna Tan	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm, ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Ehren Whigham	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Eileen Carlton Parsons	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Elad Segev	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Elaine M. Silva Mangiante	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm
Elaine V. Howes	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am
Eldad Marom	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Eleanor E. Gardner	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Eleanor W. Close	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm

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## Participants

Name	Group Schedule
Eleazar Vasquez	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Elena Bray Speth	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Eli Tucker	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm, ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm, ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Elia Mavronikolas	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Elise Agra	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Elizabeth A. Crotty	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Elizabeth A. Davis	ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm, ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am, ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm
Elizabeth A. Ring	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Elizabeth Barnes	ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Elizabeth Brimhall	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Elizabeth Greive	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Elizabeth Hufnagel	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm
Elizabeth Mavhunga	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Elizabeth McEaney	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Elizabeth Pate	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Elizabeth Sciaky	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Elizabeth X. De Los Santos	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Elke Sumfleth	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm, ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am, ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Ellen Brisch	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Elliot Soloway	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Elon Langbeheim	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm, ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Elysa N. Corin	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Emanuella Puddu	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Emil Eidin	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm
Emilie Coppinger	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Emilio Balzano	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Emily A. Dare	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Emily A. Schoenfelder	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Emily Cayton	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Emily Harris	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm

# NARST 207

## Participants

Name	Group Schedule
Emily Klein	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Emily M Marshman	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Emily M. Walter	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Emily Miller	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Emily Reigh	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Emily Scott	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Emily Walden	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
Emine H. Diken	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Engin Karahan	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Enrique Suarez	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Enshan Liu	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Ephiram Bosse	ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Erdogan Kaya	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Eric Brewé	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Eric Greenwald	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Eric N. Wiebe	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Eric Oslund	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Eric Piper	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Eric W Torres	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Erica Blatt	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Erik Barendsen	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Erika Wright	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Erin Burkett	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Erin E. Peters	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Erin Furtak	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm
Erin Ingram	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Erin Johnson	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Erin L. Dolan	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Erin M. Furtak	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm
Erminia G. Pedretti	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Esen Uzuntiryaki	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Esme Hacieminoglu	ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Esra Sarici	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Estelle Blanquet	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am

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## Participants

Name	Group Schedule
Estelle Gaigher	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Eun Ah Lee	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
EunYoung Lee	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Ezgi Yesilyurt	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Fabienne Doucet	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Faith R. Kares	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Fatih Yazici	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Fatima Terrazas Arellanes	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
Felicia Leammukda	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm
Felicia Moore Mensah	ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Felisha Dake	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Femi Otulaja	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am, ST16:AS-Positioning Indigenous Knowledge Systems in the Glocalization and Sustainability of Science Education Research and Practice - Tue 04/25/2017 08:30am to 10:00am
Feng Jiang	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Ferah OZER	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Feral Ogan	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Florence Wanjiku	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Florencia Gomez Zaccarelli	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Florian Treisch	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Fouad Abd	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST16:AS-The JRST Doctoral Student Mentored Reviewer Initiative: Bolstering a top-tier research journal's graduate education contributions - Sun 04/23/2017 10:15am to 11:45am, ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm, ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Frackson Mumba	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am, ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm, ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am
Francesco Cuomo	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Francine Wizner	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Franz X. Bogner	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Fred Finley	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Frieda Reichsman	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Gabriel A. De Los Angeles	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Gabriel A. Posadas	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Gabriela C. Weaver	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Gabriella Shwartz	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Gail Jones	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Gail Richmond	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am,

# NARST 207

## Participants

Name	Group Schedule
	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Gamze Cetinkaya	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
Gary Weiser	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Gavin T. L. Brown	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Gavin W. Fulmer	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Gaye Ceyhan	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Geeta Verma	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Gena Sbeglia	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Geoff Potvin	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am, ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Geoffrey Phelps	ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
George DeBoer	ST16:AS-Cross-Countries Collaborations for a Globalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Georgia Hodges	ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Gerald Knezek	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Gili Marbach	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm, ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Gillian Bayne	ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm
Gillian H. Roehrig	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am, ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Gillian Puttick	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Gillian Roehrig	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm, ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Gina Childers	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Gina N. Svarovsky	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Gizell Green	ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Gizem Ertugrul	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Glenn Branch	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm
Gloria J. Hardrict	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Gokhan Ozturk	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Grady J. Venville	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am
Grant E. Gardner	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Grant Williams	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm
Greg Rushton	ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm



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## Participants

Name	Group Schedule
Greg Welch	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm
Gregory J. Kelly	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Gulsah Gurkan	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Gultekin Cakmakci	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Gunnar Friege	ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Hagit Kornreich	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Hakeem O Akintoye	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Hallie S. Edgerly	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Hamide Ertepinar	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Hamilton Haddad Jr.	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Hani Swirski	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Hank Gruner	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Hannah Aherrera	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Hannah E Jardine	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Hannah Hiester	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Hannah K. Miller	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Hannah Sevian	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Hanno Michel	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Hardin Engelhardt	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Harika Ozge Arslan	ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Hasan Deniz	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Hayat Hokayem	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am, ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Heather E Bergan	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Heather J. Johnson	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Heather J. Skaza Acosta	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Heba EL	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Heba EI	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm
Hebbah EI	ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Hee	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm, ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Heidi Ballard	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Heidi Cian	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm
Heike Theyßen	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm

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## Participants

Name	Group Schedule
Helen Zhang	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Helena Van Vorst	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Henry Houghton	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Hernan Cofre	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Heui	ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Hilda Borko	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Hillary Mason	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Ho	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Hope M. Sasway	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Hsiang	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Hsiao	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Hsin	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Huann	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am, ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Huei Chen Lao	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Hui	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Hui Jin	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Hui Yong Tay	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Huihui Kanahale Mossman	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Hye	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am, ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Hye Sun You	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Hyoungbum Kim	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Hyunju Lee	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Ian J. Mitchell	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Ian White	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Ibrahim Delen	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST1:AS-Quality STEM Education for All: The Role of Science Education in Supporting Migrant and Refugee Children - Sat 04/22/2017 02:40pm to 04:10pm
Ibrahim H. Yeter	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Idaykis Rodriguez	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Idit Adler	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Ineke Henze	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Ines Sonnenschein	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Ingrid M. Sanchez	ST1:AS-Quality STEM Education for All: The Role of Science Education in Supporting Migrant and Refugee Children - Sat 04/22/2017 02:40pm to 04:10pm
Irasema Ortega	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Irene Neumann	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Irene U. Osioma	ST16:AS-Positioning Indigenous Knowledge Systems in the Glocalization and Sustainability of Science Education Research and Practice - Tue 04/25/2017 08:30am to 10:00am,

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## Participants

Name	Group Schedule
	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Iris Alkaher	ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Isabel G. Martins	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm
Isha Decoito	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Israel Toutou	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
Italo Testa	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am, ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm, ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Ivel Gontan	ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
J. Bryan Henderson	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
J. John Loughran	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
J. R. McGinnis	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm
J. Steve Oliver	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Jaclyn K Murray	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Jaclyn M. Easter	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Jacob Pleasants	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Jacqueline E. Huntoon	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Jacqueline F. Handley	ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm
Jada	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Jaime L. Sabel	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Jaimie Foulk	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Jakob Gyllenpalm	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Jale Cakiroglu	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm
James C. Lester	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
James D. Basham	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
James F Ammons	ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm
James F. Kisiel	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
James H. Creager	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am
James Minogue	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
James W. Harrell	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Jamie N. Mikeska	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Jamison M. Wills	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Jan H. Van Driel	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Jan van Aalst	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm

# NARST 207

## Participants

Name	Group Schedule
Janelle M. Bailey	ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm, ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Janet Carlson	ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Janice L. Anderson	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Jari Lavonen	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Jari MJ Lavonen	ST16:AS-Cross-Countries Collaborations for a Glocalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Jarod Kawasaki	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Jason L Painter	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Jason Morphew	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Jason R. Wiles	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Jaume Ametller	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Jayson Nissen	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Jean R. Aguilar	ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm
Jeanna Wieselmann	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Jeanne Brunner	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm, ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Jee Kyung Suh	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Jeff C. Marshall	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Jeffrey Nordine	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
Jeffrey Olimpo	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Jelle Boeve	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Jenaro Guisasaola	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Jeni R. Davis	ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Jenna Koenen	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Jenna Wingfield	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Jenni Buckley	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Jennifer A. Wilhelm	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm, ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Jennifer Adams	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST8-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm, ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Jennifer C. Parrish	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am, ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Jennifer Chiu	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm, ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Jennifer DeWitt	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Jennifer Donovan	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm
Jennifer Duck	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am

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## Participants

Name	Group Schedule
Jennifer Gallo	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Jennifer Idema	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Jennifer L. Chiu	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Jennifer L. Momsen	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Jennifer L. Weible	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm, ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am, ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Jennifer N. Wylid	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Jennifer Newell	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Jenny L. Martin	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm
Jens Möller	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am
Jeonghwa Lee	ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Jeremy D. Sloane	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Jerine Pegg	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Jerrid W. Kruse	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Jesse Colton	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Jesse L. Wilcox	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Jesse M Baldoria	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Jessica Conn	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Jessica Gottlieb	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Jessica Puricelli	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Jessica Shuk Ching Leung	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Jessica Watkins	ST2:-Epistemic Agency as a Members' Experience - Sat 04/22/2017 02:40pm to 04:10pm
Ji Hoon Ryoo	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Jianlan Wang	ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Jie Chao	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm, ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Jill A. Marshall	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Jill A. Wertheim	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Jill Birren	ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am
Jillian L. Wendt	ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Jim A. Minstrell	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm, ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm, ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Jing	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm
Jingtao Wang	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Jinwoong Song	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Jiyeon Na	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm

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## Participants

Name	Group Schedule
Joan I. Heller	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Joanna Weidler	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Joanne K. Olson	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Joanne Nicholl	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Jocelyn Elizabeth Nardo	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Jodi Peterson	ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Jodie Galosy	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Jody Bintz	ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm, ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Joel Light	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
John H. Falk	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm, ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
John Howarth	ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
John Hutson	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
John J. Clement	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm
John L. Bencze	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm
John Lawrence Bencze	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
John Maddux	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
John Merrill	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
John P. Madura	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
John Settlage	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am, ST15:AS-Conceptualizing Organizational Processes in Science Education Reform: A Set of Theoretical Tools - Mon 04/24/2017 10:30am to 12:00pm
John T. Almarode	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
John W. Tillotson	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm
Joi P. Walker	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Joleen Henning	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Jomo W. Mutegi	ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm
Jonah B. Firestone	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Jonathan Chitiyo	ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am
Jonathan Francis Osborne	ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am, ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Jonathan Osborne	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Jonathan Shemwell	ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm, ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Jonathon Grooms	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Jordan Goffena	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Joseph A. Johnson	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm
Joseph A. Taylor	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm, ST16:AS-Maximizing Insight from Mixed Methods Research: A Range of Perspectives - Tue 04/25/2017 01:05pm to 02:35pm

# NARST 207

## Participants

Name	Group Schedule
Joseph Dauer	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Joseph Krajcik	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am, ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
Joseph L. Polman	ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Joseph M. Hardcastle	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Joseph S. Krajcik	ST1:AS-Quality STEM Education for All: The Role of Science Education in Supporting Migrant and Refugee Children - Sat 04/22/2017 02:40pm to 04:10pm, ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm, ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm, ST16:AS-Cross-Countries Collaborations for a Globalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm, ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Josephine Louie	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm, ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Joshua A Danish	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Joshua A. Ellis	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Joshua Premo	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
José M. Montaña	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Joyce M. Parker	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Joyce Massicotte	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Juan Jimenez	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Juan Jimenez Pavez	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Judie Mitchell	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Judith Lederman	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Judith Monsaas	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Judith Morrison	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Judith S. Lederman	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Julia Gouvea	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm, ST4:RP-Supporting model-based pedagogy in the secondary classroom: Stories of teacher learning and enactment - Tue 04/25/2017 02:45pm to 04:15pm
Julia J. Snyder	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Julia Plummer	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Juliana Maia	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Julianne A. Wenner	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm, ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm, ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Julie A. Luft	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm, ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Julie B. Smart	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Julie Bokor	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm

# NARST 207

## Participants

Name	Group Schedule
Julie C. Brown	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST16:AS-NSTA's Annual Research Worth Reading Recognition - Mon 04/24/2017 10:30am to 12:00pm, ST8:Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm, ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Julie M. Kittleson	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Julie R. Robinson	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Julieta S. Delos Santos	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Justin LeVaughn	ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Justin McFadden	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm, ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Justina A. Ogodo	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Justina Ogodo	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Justyna P Zwolak	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
K.C. Busch	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm, ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Kara E. Baldwin	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Kara Gray	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Kareem Edouard	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Karen Askinas	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm
Karen Goodnough	ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Karen Hammerness	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Karen Sokolov	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Karen Spuck	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Kari Blom	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Karina De Alba	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Karthigeyan Subramaniam	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am, ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Kat Laxton	ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Katariina Salmela	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Katelyn Cooper	ST5-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Katerina Thompson	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Katherine Chesnutt	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, #2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Katherine Culp	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Katherine Doerr Morosky	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Katherine L. McNeill	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm, ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Katherine P. Dabney	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Katherine Pontbriand	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm



# NARST 207

## Participants

Name	Group Schedule
Katherine Wade	ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Kathleen A. Fadigan	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Kathleen A. Schenkel	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm
Kathleen Hill	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Kathleen M. Nitta	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Kathryn Baldwin	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Kathryn Green	ST10:-New Directions and Longstanding Issues in Assessment of Evolutionary Knowledge - Sat 04/22/2017 04:20pm to 05:50pm
Kathryn N. Hayes	ST15:AS-Conceptualizing Organizational Processes in Science Education Reform: A Set of Theoretical Tools - Mon 04/24/2017 10:30am to 12:00pm
Kathryn Stofer	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Kathy Bertram	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Kathy Cabe Trundle	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Kathy Lea Malone	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Katie Brkich	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Katie Green	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Katie Huston	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Katie Van Horne	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Kaui Sang	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Kayahan Ince	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Keith R. Langenhoven	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Keith Sheppard	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Kellie Cunningham	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Kelly Barber	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Kelly F. Flanagan	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Kelly Holmes	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Kelly M. Brian	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Kelly Riedinger	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Kellys R. Saucedo	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Kelsey Lipsitz	ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Kelvin H. K. Tan	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Kemal Izci	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Kennedy Kam Ho Chan	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Kenneth Frank	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Kenneth W. Heydrick	ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Kent Crippen	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Kent J. Crippen	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm, ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm, ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm

# NARST 207

## Participants

Name	Group Schedule
Kerstin Bissingar	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Kerstin Kremer	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students' Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Kim	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Kimberly Haverkos	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Kimberly Pigford	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Kira J. Belkin	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Kira Padilla	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Kirby Whittington	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm, ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Kirsten Daehler	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Kirsten Edwards	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Kirsten K. Mawyer	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am, ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Kirsten Schlüter	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Kirstin C. Busch	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am
Knut Neumann	ST1:AS-Quality STEM Education for All: The Role of Science Education in Supporting Migrant and Refugee Children - Sat 04/22/2017 02:40pm to 04:10pm, ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
Kristen B. Wendell	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm, ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Kristen Trabona	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Kristie S. Gutierrez	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Kristin Mayer	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am
Kristina Zuza Elozegi	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Kristine L. Callis	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Kristy L. Daniel	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Kuay	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am
Kuo	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Kylie J. Hoyle	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Kyra Caspary	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
La Toya Strong	ST8:-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm
LaToya Strong	ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm
Laird Kramer	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Lama Jaber	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Lana Minshev	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Lara Smetana	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm
Larry Bencze	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Larry Dean Yore	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm

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## Participants

Name	Group Schedule
Latanya Brandon	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Laura A Shafer	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Laura Conner	ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Laura K. Ochs	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Laura O'Dwyer	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Laura Zangori	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm, ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Lauren A Harper	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Lauren B. Birney	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Lauren Madden	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Leah A. Bricker	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Lee A Friedman	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
LeeAnna C. Hooper	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Lei Liu	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Leigh K. Smith	ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Leigh McNeil	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Leigh Van den Kieboom	ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am
Len Annetta	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Lena Von Kotzebue	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Leonora Kaldaras	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am
Lester Loschky	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Li Ke	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm
Lilia Rodriguez	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Lily Taylor	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am
Lin Ding	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Lina Yamashita	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Linda Friedrich	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Linda Lee Kucan	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Linda Padwa	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Lindsey Mohan	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Ling Lee	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am
Lionel C. Kakai	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Liron Schwartz	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Lisa A. Borgerding	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Lisa Benson	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm

# NARST 207

## Participants

Name	Group Schedule
Lisa D. Felix	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Lisa M. Lundgren	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm, ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Lisa Marco	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Lisa Martin	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Lisa Strycker	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
Liu Cheng	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Lorena Claeys	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Lori Pollock	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Lori Rubino	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Lorraine A Jacques	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm
Louis Nadelson	ST10:-New Directions and Longstanding Issues in Assessment of Evolutionary Knowledge - Sat 04/22/2017 04:20pm to 05:50pm
Louise Archer	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Lourdes López	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Lu Wang	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Lucas M. Jenó	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Lucinda N. Sohn	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Lucy Avraamidou	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Lucy R. McClain	ST6:SC-Papers-Family Learning in Informal Settings - Tue 04/25/2017 02:45pm to 04:15pm
Lucy Rutherford	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Luiz Gustavo F. Franco	ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Luminita Hartel	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Lyn Carter	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm, ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Lynn A. Bryan	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am
Lynn D. Dierking	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm, ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
Lynn Schmitt	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Lynn Worden	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Lynne Zummo	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Lynnsay Marsan	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
M. Gail Jones	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
MacKenzie R. Stetzer	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Maia K. Willcox	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Majd Zouda	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Makenna Lange	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Malcolm S. Pringle	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm,

# NARST 207

## Participants

Name	Group Schedule
	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Manali J. Sheth	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm
Mandy Biggers	ST7:-Developing trajectories for ambitious and equitable elementary science teaching: Exploring novices' knowledge, beliefs, and practices - Sat 04/22/2017 02:40pm to 04:10pm
Manher Jariwala	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Maranda	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Marcela Bernal	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Marcelle Siegel	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm, ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Marcos Gonzalez	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Marcus Grace	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Marcus Kubsch	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
Mareca Guthrie	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Margaret M. Lucero	ST10:-New Directions and Longstanding Issues in Assessment of Evolutionary Knowledge - Sat 04/22/2017 04:20pm to 05:50pm
Margaret R. Blanchard	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm, ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Marguerite Brickman	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Maria	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Maria Araceli Ruiz	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Maria Cecilia Nunez	ST1:-Constructing a Framework for Understanding Model-Based Teaching and Learning Processes - Tue 04/25/2017 02:45pm to 04:15pm
Maria Gonzalez	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Maria Opfermann	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Maria S. Rivera Maulucci	ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Maria Shaheen	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Maria Varelas	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Mariana Bologna	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Mariana Pereyra	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Marilyn M. Stephens	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Marion Goldstein	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Marissa Marks	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Marissa S. Rollnick	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Maritza Macdonald	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Marjorie Rhodes	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Mark A. McDermott	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm, ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am, ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm
Mark Akubo	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am

# NARST 207

## Participants

Name	Group Schedule
Mark H. Newton	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Mark Urban	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Mark Windschitl	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Markus Elsholz	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am
Marsha E. Simon	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Martha Canipe	ST7:SC-Papers-Identity and elementary preservice teachers - Tue 04/25/2017 01:05pm to 02:35pm
Martin H. Smith	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Martin Storksdieck	ST6:-Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences - Tue 04/25/2017 10:15am to 11:45am
Martina Nieswandt	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Martina Struebe	ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Mary K. Nyaema	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Mary M Capraro	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Mary M. Atwater	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Mary Margaret Capraro	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
MaryMargaret F. Welch	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Marykay Orgill	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
María	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Mashood K Kandiyil	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Mason Kuhn	ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm
Mats G. Lindahl	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Matthew A. Mendicino	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Matthew J. Brown	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm
Matthew Johnson	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am, ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Matthew Kloser	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Matthew R Simon	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Matthew T. Marino	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Matthew Weinstein	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm, ST11:-Being Human in STEM contexts: Reading Wynter for rethinking/reimagining equity and equal educational opportunity - Tue 04/25/2017 01:05pm to 02:35pm
Matthew Wilsey	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Matylda Dudzinska	ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm
Maura B. Foley	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Maureen Schmitter	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Mauricio Pietrocola	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Maurina L Aranda	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Max L. Longhurst	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
May Lee	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm

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## Participants

Name	Group Schedule
Maya Israel	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
McFadden	ST2:SC-Papers-K-12 Engineering Research - Mon 04/24/2017 04:15pm to 05:45pm
Meena M. Balgopal	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Megan Bang	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Megan Ennes	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, #2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am, ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Megan McGinty	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Megan O. Mahoney	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Megan P. Cuzzolino	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Megan Walker	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Meghan E. Marrero	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Mei	ST16:AS-Cross-Countries Collaborations for a Glocalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Melanie Hundley	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Melinda A. Hamilton	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm
Melissa A. Jurkiewicz	ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Melissa Braaten	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am
Melissa Friedman	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Melissa J. Luna	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Melissa Tham	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Melody Russell	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm
Meltem Alemdar	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Men	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Meredith Baker	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Meredith W. Kier	ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Merryn Cole	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm
Meshach Mobolaji Ogunniyi	ST16:AS-Positioning Indigenous Knowledge Systems in the Glocalization and Sustainability of Science Education Research and Practice - Tue 04/25/2017 08:30am to 10:00am
Miancheng Guo	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Michael Cassidy	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm
Michael Ferrara	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Michael Giamellaro	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm, ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Michael Jacobsen	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Michael Kamen	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Michael Montgomery	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Michael Mueller	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Michael P. Clough	ST4:-A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm

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## Participants

Name	Group Schedule
Michael R Vitale	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Michael Reiss	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am
Michael S. Tutwiler	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Michal Haskel	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am
Michal Topaz	ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm
Michal Zion	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Michelene Chi	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Michelle Forsythe	ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Michelle Salgado	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Michelle Wooten	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm
Mihwa Park	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Mijung Kim	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Mika Munakata	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Mike Briscoe	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Mike Ryan	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Min Jung Lee	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Min Li	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Minja Milanovic	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Minjung Ryu	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Miranda Fitzgerald	ST2:RP-Promoting Engagement and Learning in Elementary Science Using Multiple Literacies in Project-based Learning - Sat 04/22/2017 04:20pm to 05:50pm
Miray Tekkumru	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Miri Barak	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am, ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm
Miriam Ferzli	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Mirjan Krstovic	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Mitchell Zielinski	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Mohamed Trabia	ST8:SC-Papers-Engineering - Sun 04/23/2017 08:30am to 10:00am
Mohan Aggarwal	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Molly Goldstein	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Molly M. Edwards	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Molly Stuhlsatz	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Mon	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Mona L. Schönfelder	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Monica Taylor	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Moriama Castro	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am, ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am



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## Participants

Name	Group Schedule
Moritz Krell	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Muhsin Menekse	ST12:SC-Papers-New Frontiers for Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm, ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Mustafa B. Aktan	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
Mustafa S. Topcu	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Mustafa Sozbilir	ST16:AS-Cross-Countries Collaborations for a Globalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Mustafa Tuysuz	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Myunghwan Shin	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm
N Scott Ragan	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
N. Sanjay Rebello	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Na'ama Y. Av	ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Na'im Eggleston	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Naa Ammah	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Nam	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Global Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm
Nancy L. Staus	ST6:SC-Papers-Family Learning in Informal Settings - Tue 04/25/2017 02:45pm to 04:15pm
Nancy Price	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Nancy Romance	ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm, ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Nancy Staus	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Nanette Dietrich	ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm
Naomi Birdthistle	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Narendra D. Deshmukh	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Natalie S. King	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Nathan Cournoyer	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Nathan Kimball	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Nathaniel J.S. Brown	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Nayantara Abraham	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Neil A. Knobloch	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Nejla Yuruk	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Nena Bloom	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Nesli Kala Aydin	ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm
Neta Shaby	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Nicholas J Galt	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Nicholas W. Lehn	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Nick Haddad	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm

# NARST 207

## Participants

Name	Group Schedule
Nicole Ferry	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Nicole Wong	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Nicolleta Maynard	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Nihal Dogan	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Niklas M. Gericke	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Nilay Muslu	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Nir Madjar	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Nitasha Mathayas	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm, ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Niyazi Erdogan	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Noa Ageitos	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am
Noam Chapnik	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Noelle A. Luccioni	ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm
Noh Heejin	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST8:SC-Papers-Science Discourse - Tue 04/25/2017 08:30am to 10:00am, ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Norman Lederman	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm, ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Olayinka Mohorn	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Oliver Tepner	ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Olubunmi B Onafowokan	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Olugbenga G. Akindoju	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Olusola Adesope	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Orit Ben Zvi Assaraf	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Orit Herscovitz	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Osman Aksit	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Ou Lydia Liu	ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Ozden Sengul	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Ozgul Yilmaz	ST7:SC-Papers-The growth and support of preservice teachers - Tue 04/25/2017 02:45pm to 04:15pm
Ozgur Kivikan Dogan	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Paige K. Evans	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Pamela Harrell	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Paola Barriga	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Paolo C. Martin	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Patricia Friedrichsen	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Patricia J. Friedrichsen	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm, ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm,

# NARST 207

## Participants

Name	Group Schedule
	ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Patricia Patrick	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am, ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm, ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am
Patricia Udomprasert	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Patrick Charland	ST6:-Natural History Museums as Communicators for the Nature of Science: Research Approaches on Visitors' and Scientists' Perceptions - Mon 04/24/2017 10:30am to 12:00pm
Patrick J. Enderle	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Patrick Kirkland	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Patrick S. Smith	ST3:RP-Teachers' PCK for Structure and Properties of Matter: Methodological and Practical Considerations - Tue 04/25/2017 10:15am to 11:45am
Paul Davies	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Paul J. Laybourn	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Paul Sale	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Paula Lemons	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Paula S. Rozowa	ST12:SC-Papers-Designing for Learning - Sun 04/23/2017 10:15am to 11:45am, ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm
Paulette Vincent	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Pauline W. U. Chinn	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Globalization? - Sat 04/22/2017 04:20pm to 05:50pm, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Pavlo D. Antonenko	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm, ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Pei	ST2:SC-Papers-Assessing Factors Supporting Learning - Mon 04/24/2017 02:30pm to 04:00pm
Pengfei Zhang	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Pernilla Nilsson	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am, ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Peter A. Okebukola	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Global Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm, ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Peter Hillman	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Peter McLaren	ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Peter R. Licona	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Peter S. Garik	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Peter Van Petegem	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Petros Kariotoglou	ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Petros Katsioloudis	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Pey	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Phil Keck	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Philip L. Bell	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am, ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am, ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm, ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Philipp Schmiemann	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm

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## Participants

Name	Group Schedule
Phillip A. Boda	ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm
Preetha K. Menon	ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Preethi Titu	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm, ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Preeti Gupta	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Priya Mohabir	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Priya Pugh	ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Qi Zhang	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm
Qian Wang	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm
Qiao Lin	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Qiaoli Wang	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Qingna Jin	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Qinyun Lin	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Quinten Sedlacek	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Rachel Mamlock	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Rachel Mamlok	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST16:AS-Cross-Countries Collaborations for a Globalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm
Rachel S. Sheffield	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Rachel Shefner	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Rakesh Verma	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Ralph Levinson	ST14:-Promoting Student-led Research-informed Socio-political Actions on Socio-scientific Problems: Inter/Trans-national Perspectives - Sun 04/23/2017 01:15pm to 02:45pm, ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
Ramya Enugu	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Randi E Lines	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Randi M. Zimmerman	ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Randi McGee	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am
Ravit Golan Duncan	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am, ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am, ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Rebecca Hite	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Rebecca Kaplan	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Rebecca L. Matz	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Rebecca Matz	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Rebecca McNall Krall	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am, ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Rebekka Damer Gougis	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Rebel Nicholson	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm
Regan Vidiksis	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am

# NARST 207

## Participants

Name	Group Schedule
Rekha B. Koul	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Remy Dou	ST2:SC-Papers-Student Interests and Motivations - Sun 04/23/2017 10:15am to 11:45am
Ren Lie	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Renee M. Clary	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Renee S. Schwartz	ST16:AS-Methodological, Ethical, and Identity Issues in Naming Ourselves and Others - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Renee Schwartz	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Reneshia Hendrix	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Revathi Srinivas	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Rhonda Christensen	ST6:-Using (g)locally relevant authentic inquiries to engage youth in environmental science topics out-of-school - Sat 04/22/2017 04:20pm to 05:50pm
Richard A. Duschl	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Richard Chi Keung Ng	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Richard Duschl	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Richard Lamb	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Richard R. Sudweeks	ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Rob Semmens	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Robb Lindgren	ST1:SC-Papers-Modeling, Explaining and Reasoning about Matter - Sat 04/22/2017 04:20pm to 05:50pm, ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm, ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Robbin Riedy	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Robert C. Wallon	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Robert H. Tai	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
Robert Idsardi	ST5:SC-Papers-Faculty/Instructor Professional Development and Assessment of Instruction - Tue 04/25/2017 01:05pm to 02:35pm
Robert M. Capraro	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Robert M. Talbot	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Robert Wallace	ST7:SC-Papers-Preparing teachers for underserved youth - Mon 04/24/2017 04:15pm to 05:45pm
Robert Zisk	ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
Robyn Tornabene	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm
Rocio Benabentos	ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm
Roger G. Tobin	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Rola Khishfe	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Ron Blonder	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Ron Gray	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am, ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Ronald Rorrer	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Ronny Maik Leder	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Rosa A. Moscarella	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Rose M. Marra	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Rosemary Whelan	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am

# NARST 207

## Participants

Name	Group Schedule
Ross H. Nehm	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Ross Nehm	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Rouhollah Aghasaleh	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Rowhea Elmsky	ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am
Roxana Hadad	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Roxanne M. Hughes	ST6:AS-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Sat 04/22/2017 02:40pm to 04:10pm, ST6:RP-Dissecting design principles that mediate impact on youth participating in long-term OST programs - Tue 04/25/2017 08:30am to 10:00am
Roy Yosef	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Rozaliya Seryapov	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Ruan	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm
Ruth A. Anderson	ST4:RP-Conceptualizing, Assessing, and Validating Content Knowledge for Teaching Energy in Physics - Mon 04/24/2017 10:30am to 12:00pm
Ryan D. Dunk	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Ryan M. Walker	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm, ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Ryan Nixon	ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm, ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Ryan Summers	ST2:SC-Papers-Examining Teacher Roles - Sun 04/23/2017 01:15pm to 02:45pm, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Rüdiger Scholz	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Rüdiger Tiemann	ST5:SC-Papers-Pre-Service Teacher Learning in the Content Disciplines - Mon 04/24/2017 02:30pm to 04:00pm
S. Lizette Ramos	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Sabrina Hussain	ST8:-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm
Sabrina Mathesius	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Sadie Skiles	ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Saeid Nourian	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Sahar K. Alameh	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Saiqa Azam	ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Sally Crissman	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Sam Cheng	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Sam Shaw	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Sam Staggs	ST8:SC-Papers-STEM Teaching & Learning - Tue 04/25/2017 02:45pm to 04:15pm
Sameer Honwad	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Sami Kahn	ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Samuel M. Schnorr	ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Sanaz Farhangi	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Sandra Strittmatter	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Sanghee Choi	ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm, ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am

# NARST 207

## Participants

Name	Group Schedule
Sanlyn Buxner	ST14:SC-Papers-Measuring Environmental Behaviors, Knowledge, and Attitudes - Sun 04/23/2017 08:30am to 10:00am
Saouma B. Boujaoude	ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Sara C Heredia	ST8:-Exploring Examples of Organizational Sensemaking as Educators Shift Teaching Practices to Align to NGSS - Sat 04/22/2017 02:40pm to 04:10pm
Sara E. Brownell	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
Sara Heredia	ST15:AS-Conceptualizing Organizational Processes in Science Education Reform: A Set of Theoretical Tools - Mon 04/24/2017 10:30am to 12:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Sara J. Lacy	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm
Sara Pe'er	ST14:SC-Papers-Climate Change, Religious Worldviews - Sat 04/22/2017 04:20pm to 05:50pm
Sara Salloum	ST11:SC-Papers-Valuing Students' Cultural Experiences and Linguistic Practices - Tue 04/25/2017 08:30am to 10:00am
Sara Wyse	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Sarah B. Woodruff	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm
Sarah E. Jardeleza	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Sarah El Halwany	ST4:SC-Papers-Emotional and Motivational Aspects of Science Teaching and Learning - Tue 04/25/2017 10:15am to 11:45am
Sarah Harris	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Sarah J. Carrier	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Sarah J. Fick	ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm
Sarah R. Stapleton	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Scott A. Pattison	ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
Scott McDonald	ST7:-Affordances and Challenges of Framing Science Teacher Preparation Programs Around Core Practices - Sun 04/23/2017 08:30am to 10:00am
Sean Moran	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm
Sebastian Habis	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Sebastian T. Opitz	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm, ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm, ST11:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Sehoya Cotner	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Selcuk Kilinc	ST7:SC-Papers-Argumentation, evidence, and socioscientific issues - Sat 04/22/2017 04:20pm to 05:50pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Selin Akgun	ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am
Selina Bartels	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students' Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am, ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Senay Purzer	ST12:RP-Studying Science and Engineering Learning using Design and Simulation Technologies - Tue 04/25/2017 08:30am to 10:00am
Sencer Corlu	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Senetta Bancroft	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Seppo Saloranta	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Serhat Irez	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Serpico Marco	ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Seth K. Thompson	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Seyda Gul	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am

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## Participants

Name	Group Schedule
Shakhnoza Kayumova	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST16:AS-13 Questions: Reframing Education's Conversation: Science - Sun 04/23/2017 08:30am to 10:00am, ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Shana Lee	ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Shanaya Panday	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm
Shannon Burcks	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm, ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Shannon Gooden	ST2:SC-Papers-Structuring Whole Group Interactions - Tue 04/25/2017 02:45pm to 04:15pm
Shari Jackson Metcalf	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Shari Watkins	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Sharon Derry	ST1:SC-Papers-Teaching and Learning of Energy as a Cross-Cutting Concept - Sun 04/23/2017 10:15am to 11:45am, ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Sharon Nelson	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Sharona T. Levy	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Shelley Stromholt	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am, ST11:RP-Exploring artsience: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Sheri Berkeley	ST12:-Lessons from a Decade of Video Game Research for Students with Disabilities in Science Education - Mon 04/24/2017 10:30am to 12:00pm
Sheron Mark	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Sherry A. Southerland	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm, ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm, ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Shiang	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Shih	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
Shirly Avargil	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm, ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Shiyu Liu	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm, ST2:SC-Papers-System and Learner Factors - Mon 04/24/2017 10:30am to 12:00pm
Shu	ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm
Sibel Erduran	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm, ST16:AS-Cross-Countries Collaborations for a Glocalized Science Education - Mon 04/24/2017 02:30pm to 04:00pm, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm, ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm, ST7:SC-Papers-Nature of Science and preservice teachers - Tue 04/25/2017 10:15am to 11:45am, ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Sila Kaya	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Silin Wei	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Silvia Galano	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Silvio Leccia	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Sinan Özgelen	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Sinead Chalmers	ST16:AS-Make a difference: Practical tools and strategies for reaching policy audiences - Tue 04/25/2017 10:15am to 11:45am
Smirla Ramos	ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
Sonia M. Underwood	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Sonja M. Mork	ST8:SC-Papers-Elementary & Middle Grades Teacher Development - Tue 04/25/2017 02:45pm to 04:15pm
Sonja Werner	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm



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## Participants

Name	Group Schedule
Sonya Martin	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm
Sonya N. Martin	ST16:AS-Global and Local Social, Cultural, Language, and Political Aspects for Science Education - Mon 04/24/2017 04:15pm to 05:45pm, ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am, ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
SoonChun Lee	ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Soonhye Park	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Sophia	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm
Soraya Al Hamed	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Soraya Hamed Al	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Stacey Britton	ST14:-From globalization to glocalization: Developing ecological sociopolitical consciousness in science education - Mon 04/24/2017 04:15pm to 05:45pm, ST10:RP-STEM coursework, post-secondary training and employment outcomes: backwards mapping of the ideal curricula - Mon 04/24/2017 10:30am to 12:00pm
Stacy Oliitsky	ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Stacy Wenzel	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Stefan Rumann	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Stefan Sorge	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am
Stefanie Marshall	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am
Steffen Wagner	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Stephanie B. Wortel	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm, ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Stephanie Florence	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Stephanie Gardner	ST5:-BIOLOGY EDUCATION RESEARCH (BER) AT NARST – OPPORTUNITIES FOR ALL - Sat 04/22/2017 02:40pm to 04:10pm
Stephanie M. O'Brien	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Stephanie Tanis	ST8:SC-Papers-Inquiry - Sun 04/23/2017 10:15am to 11:45am
Stephanie Tubman	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Stephen A. Malcolm	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Stephen B. Witzig	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm, ST8:SC-Papers-Teaching in High-Needs Schools - Tue 04/25/2017 08:30am to 10:00am
Stephen C. Scogin	ST5:SC-Papers-Motivation and Learning - Mon 04/24/2017 10:30am to 12:00pm
Stephen J. Finch	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Stephen Keast	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Stephen L. Thompson	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Stephen Pompea	ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Stephen R. Burgin	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Steve Bennett	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Steven C. Semken	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Steven F. Wolf	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm
Steven Mcgee	ST10:RP-The Long and Winding Road to NGSS Implementation - Sun 04/23/2017 10:15am to 11:45am, ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Steven Roderick	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm

# NARST 207

## Participants

Name	Group Schedule
Steven Semken	ST11:-Structured Poster Session on Culture, Context and Science Assessments: Obstacles or Opportunities for Glocalization? - Sat 04/22/2017 04:20pm to 05:50pm
Steven Worker	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am
Sue Dale Tunnicliffe	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm
Sulaiman M. Al	ST1:SC-Papers-Students Argumentation about Science and Scientific Evidence - Tue 04/25/2017 10:15am to 11:45am
Suleyman Cite	ST9:SC-Papers-Strand 9: Reflective Practice - Mon 04/24/2017 02:30pm to 04:00pm, ST8:SC-Papers-Teachers' Communities of Practice & Collaboration - Mon 04/24/2017 04:15pm to 05:45pm
Summer Talbert	ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am
Sumreen Asim	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm
Susan Blackley	ST1:SC-Papers-Innovative Approaches to Science Teaching and Learning - Mon 04/24/2017 10:30am to 12:00pm
Susan Fried	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am
Susan Gomez	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am, ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Susan M. Kowalski	ST15:RP-Detailed Examination of Intervention Research in Science Education: Findings from Three Large-scale Meta-analyses - Sat 04/22/2017 04:20pm to 05:50pm, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm
Susan McCullough	ST8:-Identity at the Crossroads Intersections of Teacher Identity and Contexts of Teaching, Learning and Living - Sun 04/23/2017 01:15pm to 02:45pm
Susan R Goldman	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Susan Stauffer	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm
Susan Sunbary	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Susan Yoon	ST16:AS-How to Get Your Research Published in Science Education Journals - Sat 04/22/2017 02:40pm to 04:10pm, ST10:-Assessing Systems Thinking through Science and Engineering Practices - Sat 04/22/2017 04:20pm to 05:50pm
Susann Hergert	ST7:SC-Papers-Preservice teachers and science practices - Mon 04/24/2017 02:30pm to 04:00pm
Susanne Kuger	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am
Suzanna Loper	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Suzanna Roman	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Suzanne M. Wilson	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am
Suzanne Perin	ST6:SC-Papers-Family Learning in Informal Settings - Tue 04/25/2017 02:45pm to 04:15pm
Sven Liepertz	ST4:-Results of the PCK Summit 2016: Five Approaches for Capturing PCK - Sun 04/23/2017 10:15am to 11:45am
Sylvie M. Kademian	ST7:RP-Learning to Teach Elementary Science: Using Practice-Based Teacher Education to Support Teacher Learning and Practice - Mon 04/24/2017 10:30am to 12:00pm
TJ McKenna	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Takumi Sato	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Tali Tal	#2 ST6:SC-Papers-Science Learning in and about Nature - Sun 04/23/2017 08:30am to 10:00am, ST6:SC-Papers-Science Learning in and about Nature - Mon 04/24/2017 04:15pm to 05:45pm
Tammie Visintainer	ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am, ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Tammy D. Lee	ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Tammy L. Cook	ST8:-Exploring Examples of Organizational Sensemaking as Educators Shift Teaching Practices to Align to NGSS - Sat 04/22/2017 02:40pm to 04:10pm
Tammy Long	ST5:RP-Modeling in Undergraduate Biology: Unpacking Students' Representations of Systems - Sun 04/23/2017 08:30am to 10:00am
Tanja Tajmel	ST11:SC-Papers-Cultivating Science Teacher's Sociopolitical Consciousness - Mon 04/24/2017 04:15pm to 05:45pm
Tanya Baker	#2 ST9:SC-Papers-Strand 9: Reflective Practice - Sun 04/23/2017 10:15am to 11:45am
Tara B. O'Neill	ST11:-A Spectrum of Youth Participation in Research Across Sites/Uses: Toward Critical Equity Frameworks - Sat 04/22/2017 02:40pm to 04:10pm

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## Participants

Name	Group Schedule
Tara Ray	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Tasneem Anwar	ST16:AS-Poster Symposium: Jhumki Basu Scholar Symposium: Equity and Excellence in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST8:SC-Papers-Coaching & Co-Teaching - Tue 04/25/2017 10:15am to 11:45am
Ted M. Clark	ST5:SC-Papers-Chemistry Learning - Tue 04/25/2017 08:30am to 10:00am
Tejaswini S. Dalvi	ST7:SC-Papers-Preservice teachers and the Next Generation Science Standards - Sun 04/23/2017 01:15pm to 02:45pm
Temple A. Walkowiak	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Tenzin Sonam	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm
Teresa Berglund	ST16:AS-How effective is education for sustainable development at school? Findings from recent studies across Europe - Tue 04/25/2017 08:30am to 10:00am
Teresa K Dunleavy	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Teri N. Johnson	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm
Terrell R. Morton	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm
Terry Shiverdecker	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Thanh K. Le	ST1:SC-Papers-Explaining, Reasoning and Problem Solving in Science - Tue 04/25/2017 01:05pm to 02:35pm
Theresa A. Cullen	ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Theresa Hortsman	ST11:RP-Exploring arts/science: Identity, connection, and agency with science through art - Sun 04/23/2017 10:15am to 11:45am
Therese Arsenaault	ST8:-Exploring Examples of Organizational Sensemaking as Educators Shift Teaching Practices to Align to NGSS - Sat 04/22/2017 02:40pm to 04:10pm
Thomas Andre	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Thomas Dickmann	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Thomas McKenna	ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Thomas Trefzger	ST7:SC-Papers-Preservice teachers' PCK - Sun 04/23/2017 10:15am to 11:45am, ST7:SC-Papers-Preservice teacher learning in lab and physics settings - Sun 04/23/2017 01:15pm to 02:45pm
Tianlong Zu	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Tiffany	ST5:SC-Papers-Physics - Problem Solving and Instruction - Sun 04/23/2017 10:15am to 11:45am
Tiffany L. Gallagher	ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Tiffany Lohwater	ST6:-Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences - Tue 04/25/2017 10:15am to 11:45am
Tiffany Neill	ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am
Till Bruckermann	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
Timothy G. Gleason	ST1:SC-Papers-Understanding the Science of Earth and Space - Sun 04/23/2017 01:15pm to 02:45pm
Timothy Podkul	ST6:SC-Papers-STEM Pathways and Pipelines with Informal Learning Settings - Mon 04/24/2017 04:15pm to 05:45pm
Tina Grotzer	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm, ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Tina Phillips	ST6:SC-Papers-Identity Development through Informal Learning - Tue 04/25/2017 01:05pm to 02:35pm
Tina Vo	ST1:SC-Papers-Model-based Teaching and Learning of Science - Sat 04/22/2017 04:20pm to 05:50pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Tobias Ludwig	ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
Todd Campbell	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm, ST8:SC-Papers-Professional Development Needs & Delivery - Mon 04/24/2017 02:30pm to 04:00pm, ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Todd Milford	ST3:SC-Papers-Assessing Young Learner's Science Thinking - Sat 04/22/2017 02:40pm to 04:10pm, ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm
Tom Bielik	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm.

# NARST 207

## Participants

Name	Group Schedule
	ST10:RP-Supporting Three-Dimensional Science Learning and Instruction - Mon 04/24/2017 04:15pm to 05:45pm
Tom Cheatham	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Tom Robertson	ST12:SC-Papers-Flipped and Blended Learning Environments - Sun 04/23/2017 08:30am to 10:00am
Tom? Helikar	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am
Tony W Rickards	ST4:SC-Papers-Science Teachers? Knowledge - Mon 04/24/2017 02:30pm to 04:00pm
Tonya D. Jeffery	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
Torsten Binder	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Tracy Cuiling He	ST7:SC-Papers-Video analysis and preservice teacher learning - Mon 04/24/2017 04:15pm to 05:45pm
Troy Sadler	ST1:SC-Papers-Fostering and Assessing Students' Understanding of Climate Change - Mon 04/24/2017 02:30pm to 04:00pm, ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Tufan Adiguzel	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Tugba Oncer	ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Tunde Owolabi	ST11:SC-Papers-STEM Learning Beyond the Classroom - Tue 04/25/2017 10:15am to 11:45am
Tyler Wolken	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Tzipora Rakedzon	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Umran Betul Cebesoy	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm
UrLeaka W. Newsome	ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am
Valarie L. Akerson	ST13:SC-Papers-Elementary students' and teachers' views of Nature of Science, scientific inquiry and socio-scientific issues - Tue 04/25/2017 10:15am to 11:45am
Valerie K Otero	ST5:RP-The Impacts of the Learning Assistant (LA) Models on LA and Student Outcomes - Sat 04/22/2017 04:20pm to 05:50pm, ST16:AS-Maximizing Insight from Mixed Methods Research: A Range of Perspectives - Tue 04/25/2017 01:05pm to 02:35pm
Vanessa Kind	ST8:SC-Papers-Chemistry & Physics Teaching - Tue 04/25/2017 08:30am to 10:00am
Vashti Sawtelle	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Vaughan S. James	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Vera Michalchik	ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm
Vered alboher Agmon	ST15:SC-Papers-Policy and the Role of Teachers: Teacher Preparation and Teacher Leadership - Tue 04/25/2017 10:15am to 11:45am
Veronica L. Cavera	ST1:SC-Papers-Unraveling Genetics and Genetic Variation - Tue 04/25/2017 08:30am to 10:00am
Veronica McGowan	ST11:SC-Papers-Leveraging Diversity in STEM Teaching and Learning - Sun 04/23/2017 01:15pm to 02:45pm, ST8:-Innovations in Equity-Centered Teacher Learning - Mon 04/24/2017 02:30pm to 04:00pm
Victor D. Sampson	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Disciplinary Practices in STEM - Tue 04/25/2017 02:45pm to 04:15pm
Victor J. Perez	ST6:SC-Papers-Topics in Science Communication: Controversial Issues and Use of Social Media - Mon 04/24/2017 10:30am to 12:00pm
Vivien M. Chabalengula	ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm, ST7:SC-Papers-Socioscientific issues and preservice teacher learning - Tue 04/25/2017 08:30am to 10:00am
Vulkan Atasoy	ST7:SC-Papers-Preservice teachers and efficacy - Mon 04/24/2017 10:30am to 12:00pm
Wanjoo Ahn	ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Wardell A Powell	ST4:SC-Papers-Socio-Scientific Issues in Science Education - Mon 04/24/2017 04:15pm to 05:45pm
Wayne Melville	ST13:SC-Papers-Differing perspectives on Nature of Science and Science education - Mon 04/24/2017 10:30am to 12:00pm
Wei Shin Leong	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Wencan Luo	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Wendy M. Jackson	ST10:-NGSS-aligned Ecosystems Curriculum, PD and Assessments: What's Different This Time? - Sun 04/23/2017 08:30am to 10:00am, ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm

# NARST 207

## Participants

Name	Group Schedule
Wendy R. Johnson	ST4:A Symposium on Teaching and Learning about Climate Change: A Framework for Educators - Sat 04/22/2017 04:20pm to 05:50pm, ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST1:RP-Bringing Together Research Traditions: What Can Learning Progressions and Teaching-Learning-Sequences Designers Learn from Each Other? - Sun 04/23/2017 08:30am to 10:00am
Wesley Pitts	ST2:SC-Papers-Equity Issues - Tue 04/25/2017 10:15am to 11:45am
Whitney R. Wright	ST2:SC-Papers-Influencing Student Interests - Tue 04/25/2017 01:05pm to 02:35pm
Wilhelmina Van Rooy	ST14:SC-Papers-Preparing Pre-Service and In-Service Teachers - Tue 04/25/2017 01:05pm to 02:35pm
Willard Brown	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Willeke Rietdijk	ST2:SC-Papers-Communication and Reasoning - Tue 04/25/2017 01:05pm to 02:35pm
William A. Sandoval	ST8:SC-Papers-NGSS - Sun 04/23/2017 10:15am to 11:45am
William Boone	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
William Finzer	ST10:RP-Supporting Secondary Students' Modeling Practice Using a Web-Based Modeling Tool - Sun 04/23/2017 01:15pm to 02:45pm
William J. F. Hunter	ST7:SC-Papers-Preservice teachers' learning of inquiry-based teaching - Sun 04/23/2017 08:30am to 10:00am
William J. McConnell	ST4:SC-Papers-Special Topics in Science Teaching and Learning - Sat 04/22/2017 02:40pm to 04:10pm, ST2:SC-Papers-Argumentation Interventions - Mon 04/24/2017 04:15pm to 05:45pm
William L. Romine	ST2:RP-Deepening Students' Understanding of Modern Genetics: Four Approaches that Link Molecular Genetics with Mendelian Genetics - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Biology Learning and Assessment - Tue 04/25/2017 02:45pm to 04:15pm
William L. Wildberger	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
William R. Penuel	ST4:RP-Supporting Three-dimensional Science Teaching and Learning with a Comprehensive, Learning Progression-based System - Sun 04/23/2017 10:15am to 11:45am, ST15:RP-Organizing for Multi-State Educational Improvement in Science Education - Sun 04/23/2017 08:30am to 10:00am, ST15:AS-Conceptualizing Organizational Processes in Science Education Reform: A Set of Theoretical Tools - Mon 04/24/2017 10:30am to 12:00pm, ST6:RP-Pathways to STEM Identity: Investigations with Underserved Youth in Informal Settings - Mon 04/24/2017 02:30pm to 04:00pm, ST16:AS-Maximizing Insight from Mixed Methods Research: A Range of Perspectives - Tue 04/25/2017 01:05pm to 02:35pm
William S. Carlsen	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Xavier Fazio	ST14:SC-Papers-Socio-Scientific Issues, Sense of Place - Tue 04/25/2017 08:30am to 10:00am, ST3:SC-Papers-Integrating Science and Literacy in the Elementary Classroom - Tue 04/25/2017 02:45pm to 04:15pm
Xiangmin Fan	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Xiao Huang	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Xiaodan Tang	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Xiaoming Zhai	ST10:SC-Papers-Contexts and characteristics in curriculum and assessment - Mon 04/24/2017 02:30pm to 04:00pm
Xiaoxin Lyu	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Xiaoyang G. Gong	ST4:SC-Papers-Instructional Approaches and Student Outcomes - Tue 04/25/2017 08:30am to 10:00am
Xiaoying Wang	ST1:SC-Papers-Understanding Students Conceptions about Science - Mon 04/24/2017 04:15pm to 05:45pm
Ximena Dominguez	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Xiufeng Liu	ST12:SC-Papers-Virtual and Augmented Reality - Sun 04/23/2017 01:15pm to 02:45pm
YUAN	ST10:SC-Papers-Issues in physical science curriculum and assessment - Tue 04/25/2017 10:15am to 11:45am
Yael Shwartz	ST8:SC-Papers-Socioscientific Issues - Mon 04/24/2017 10:30am to 12:00pm, ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Yael Wyner	ST14:SC-Papers-Students' Ecological Conceptions - Mon 04/24/2017 02:30pm to 04:00pm
Yalcin Yalaki	ST8:SC-Papers-PCK - Sun 04/23/2017 01:15pm to 02:45pm
Yaozhen Pan	ST13:AS-International Collaborative Investigation of Beginning Seventh Grade Students? Understandings of Scientific Inquiry - Sun 04/23/2017 08:30am to 10:00am
Yasemin Ozdem	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Yehudit Judy Dori	ST16:AS-Addressing the Challenges of Science Teaching and Learning in a Glocal Context: Informing Practices in Equity and Ethics - Mon 04/24/2017 10:30am to 12:00pm, ST12:SC-Papers-Teachers' Perceptions of Technology - Mon 04/24/2017 04:15pm to 05:45pm, ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am,

# NARST 207

## Participants

Name	Group Schedule
	ST4:SC-Papers-Language and Literacy Issues in Science Teaching and Learning - Tue 04/25/2017 01:05pm to 02:35pm
Yejun Bae	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Yi Kong	ST5:SC-Papers-Interdisciplinary Learning and Cognition - Tue 04/25/2017 01:05pm to 02:35pm
Yi Li	ST10:SC-Papers-Crosscutting concepts and science and engineering practices in curriculum and assessment - Tue 04/25/2017 02:45pm to 04:15pm
Yilmaz Kara	ST12:SC-Papers-Understanding with Technology - Sun 04/23/2017 10:15am to 11:45am
Ying	ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm, ST3:SC-Papers-Practices and Beliefs from Experienced Teachers Inside the Elementary Classroom - Mon 04/24/2017 10:30am to 12:00pm
Ying Zhu	ST11:SC-Papers-Examining Conditions that Facilitate the Success of ALL Learners - Tue 04/25/2017 01:05pm to 02:35pm
Yoonkyung Oh	ST3:RP-Learning Disciplinary Knowledge through Engineering Design in the Elementary Grades - Sun 04/23/2017 08:30am to 10:00am
Yotah Koulagna	ST8:SC-Papers-Argumentation - Sat 04/22/2017 02:40pm to 04:10pm
Young Ae Kim	ST7:SC-Papers-Preservice teachers' understanding of science - Sat 04/22/2017 04:20pm to 05:50pm
Youngjin Song	ST5:SC-Papers-Engineering and STEM Cognition - Tue 04/25/2017 10:15am to 11:45am
Yu	ST12:SC-Papers-Student Attitudes and Impacts - Tue 04/25/2017 10:15am to 11:45am
Yuane Jia	ST8:SC-Papers-Teacher Attitudes, Beliefs, & Empowerment - Tue 04/25/2017 01:05pm to 02:35pm
Yue Li	ST13:SC-Papers-Diversity in Nature of Science, Scientific Inquiry and History and Philosophy of Science - Sat 04/22/2017 02:40pm to 04:10pm
Yue Yin	ST6:SC-Papers-Lessons Learned from Maker Spaces and Afterschool Clubs - Sun 04/23/2017 01:15pm to 02:45pm
Zahid Kisa	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Zahra Hazari	ST5:SC-Papers-Student Beliefs and Identity - Sun 04/23/2017 01:15pm to 02:45pm, ST11:SC-Papers-Increasing Engagement, Building Identity, and Narrowing Gaps - Sun 04/23/2017 08:30am to 10:00am, ST5:SC-Papers-Learning Assistant Programs and Teaching Assistant Professional Development - Mon 04/24/2017 04:15pm to 05:45pm, ST16:AS-Maximizing Insight from Mixed Methods Research: A Range of Perspectives - Tue 04/25/2017 01:05pm to 02:35pm, ST2:SC-Papers-Understanding Argumentation - Tue 04/25/2017 08:30am to 10:00am
Zakee Sabree	ST10:SC-Papers-Issues in biology curriculum and assessment - Tue 04/25/2017 01:05pm to 02:35pm
Zareen Rahman	ST8:RP-Supporting and Developing K-12 Science Teacher Practice, Knowledge, and Leadership Through Vertically Aligned PLCs - Sat 04/22/2017 04:20pm to 05:50pm
Zehavit Kohen	ST6:SC-Papers-Topics in Science Communication: Stakeholders and Strategies - Tue 04/25/2017 08:30am to 10:00am
Zeynep Dulger	ST4:SC-Papers-Increasing Learning Opportunities in Curriculum, Assessments and Instruction - Tue 04/25/2017 10:15am to 11:45am
Zoe E. Buck Bracey	ST10:RP-The Processes of Curriculum Development for Three Middle School Projects at Different Stages of Development - Mon 04/24/2017 02:30pm to 04:00pm, ST11:SC-Papers-Exploring Factors that Influence Access and Quality in STEM Education - Tue 04/25/2017 08:30am to 10:00am
Zoubeida R. Dagher	ST13:SC-Papers-Nature and Philosophy of Science in Science Education - Sun 04/23/2017 01:15pm to 02:45pm, ST7:SC-Papers-Engineering and preservice teacher learning - Tue 04/25/2017 02:45pm to 04:15pm
Zuway	ST5:SC-Papers-Biology and Environmental Learning - Sun 04/23/2017 08:30am to 10:00am, ST2:SC-Papers-Integrated Science Approaches - Sun 04/23/2017 10:15am to 11:45am, ST3:SC-Papers-Examining Novice Teachers in Elementary Classrooms - Sun 04/23/2017 01:15pm to 02:45pm

\*\*\* End of report: 1487 items printed.