



Speaker Roundtable Discussions

(All times listed in Eastern Time)

Join conference speakers in the Roundtable Discussion space to talk about their presentation or related topics.

Thursday, April 22nd

| Time | Speaker | Session/Topic |
|---|--|---|
| 4:05 - 4:20 p.m. (EASTERN) | Susan Katt | Productive Math Struggle in Primary Classrooms |
| | Molly Vokey, Sue Looney, Heidi Sabnani | 4 Steps to Understanding Integers |
| | Lauren Zarandona | Problem Solving Using Strategy Games: The Struggle is Real |
| | John SanGiovanni | Six Actions for Productive Math Struggle |
| | Naomi Church | Math for All: Universal Design for Learning in a Standards-Based Classroom |
| 5:35 - 5:50 p.m. (EASTERN) | Nora Ramirez | Iris Carl Address: ~°Ya Basta! Enough already! |
| | Nicole Rigelman Mary Duden DeAnn Huinker | Catalyzing Change in Early Childhood and Elementary: Educating the Mathematician Within Each Child |
| | Johannah Nikula Jill Neumayer DePiper | Mathematical diagrams: A tool to make connections, support productive struggle, & promote reasoning |
| | Jeffrey Corbishley | Connecting NCTM and its Affiliates: Working through the Membership & Affiliate Relations Committee |
| | Timothy Truitt | Selecting Quality Materials to Increase Equity and Access for Students |
| | Lou Matthews Kyndall Brown | Black Men Speak: A Pathway Forward for Mathematics |
| | Gina Kling | Developing and Assessing Multiplication Fact Fluency in Meaningful Ways |
| 7:05 - 7:20 p.m. (EASTERN) | Thomas Fox | Geometric Reasoning: What Is it? and How Does It Develop? |
| | Cynthia Bryant | To Infinity and Beyond...Moving forward with Practices & Rich Tasks to Promote Problem Solving! |
| | Tami Martin Roger Day | A geometric frontier for productive struggle: Visualization, modeling, and justifying |
| | Scott Miller David Sladkey | Crafting and Implementing Open Ended Questions |
| | Trena Wilkerson Ryann Shelton | Empowering Teacher and Student Voice: Examining Math Teaching and Learning Through Lesson Study |
| | Oscar Chavez | 1920-2020: A century of big ideas in mathematics education from NCTM |
| | Cathy Lynn Seeley | Rethinking High School Mathematics: For Starters, What Do We Do About Algebra? |
| | Jessica Ivy | Engaging All Students: Strategies to Support Equity |
| 8:35 - 8:50 p.m. (EASTERN) | Gavin Creaden Toni Galassini | For the Love of Math! Empowering Early Learners in Rich Mathematical Critical Thinking. |
| | Nancy Dyson | Animated PowerPoint as an Innovative Approach to Teaching Fraction Sense to Struggling Students |
| | Mona Toncheff | Create a Culture of Continuous Improvement using NCSM Essential Actions Series |
| | Juli Dixon | Estimation: What's it "about" anyway?" |
| | John Hayden | Teacher Action Research - When Failure Leads To Growth and How To Get Started On Your Own Project |
| | David Mattoon | Make Math Stick by Making Use of Structure & Making Connections between Representations |

Friday, April 23rd

| Time | Speaker | Session/Topic |
|---|---|---|
| 2:30 - 2:45 p.m. (EASTERN) | Angela Barlow | MTLT - Ask Me Anything (<i>special roundtable</i>) |
| 4:05 - 4:20 p.m. (EASTERN) | Ryan Nivens Kaylee Anderson | Greater than Alligators! Learning and Assessment of Equality and Inequality Symbols |
| | Maureen Cassidy | The Progression of the Area Model- How it Benefits All Students |
| | Ruby Ellis | Using Situated Professional Development to Impact Teachers' Beliefs, Practices, and Technology Use |
| | Steven Leinwand | The Power of Gradual Reveal in Nearly Everything We Teach in Math |
| | Mark Ellis | Rehumanizing Mathematics Learning through Culturally Responsive Mathematics Teaching |
| | Trena Wilkerson | President's Address: Advocating for Our Students, Our Colleagues, and Ourselves as Professionals |
| 5:35 - 5:50 p.m. (EASTERN) | Kimberly Rimbej | The Ten-Frame Grows Up: Using the 'Infinite Ten Frame' in Grades K-5 |
| | Jennifer Wilson Vanessa Cerrahoglu Elizabeth Ramirez | #SlowMath: Looking for and Making Use of Structure |
| | Linda Fulmore | One Organization's Equity Priorities For This And Every School Year |
| | Sunil Singh | Utilizing History and Storytelling to Embrace Equity, Inquiry, and a Lifetime of Curiosity for Mathematics. |
| | Meg Knapik | Mathematize Your World: Using Community Exploration & Data Collection to Solve Real Problems |
| 7:05 - 7:20 p.m. (EASTERN) | Kimberly Morrow Leong Sara Moore | How to Use Any Picture Book to Teach Mathematics |
| | Karen Fuson | Relating the NCTM Mathematics Teaching Practices to Support Learning Difficult Math Topics |
| | Crystal Hill Morton Chanae Palmer | Relevance and beyond: The role of a socially transformative approach to mathematics curriculum |
| | Julie Eason | How do you transform "red-shirt" freshmen students to a graduation path? |
| | Gail Burrill | Functions: What Makes Them so Difficult? |
| | Samantha Booth Claire Gogolen Jackie Kearney | The Power of Evidence-based Coaching to Promote Equity in Mathematics Classrooms |
| | J Michael Shaughnessy | The changing face of PreK-12 Statistics Education: Two most important things in Statistics Education |
| | Rebecca Evans Karla Bandemer | Using Formative Assessment Data to Inform Future Instruction |
| Matthew McLeod Babette Moeller Karen Rothschild | Math for All - providing access to the mathematics for everyone including diverse learners. | |
| 8:35 - 8:50 p.m. (EASTERN) | Heather Bleecker Jacob Asencio Ely Mouser-Goklish | Culturally Connecting Geometry Through Storytelling |
| | Rick Anderson Peter Wiles | Promoting Geometric Reasoning with Mini-Lessons |
| | Mary Martin Tammy Jones | Finding the Postage Stamp: One Concrete Context with Multiple Mathematical Connections |
| | Armando Martinez-Cruz Amtul Chaudry Phil Turner | Problem Solving and Problem Posing: Moving Students and Teachers Forward |
| | Patricia Campbell | Mathematics Specialists: Agents for Change and Sustained Professional Learning |
| | Diane Briars | Strategies and Tasks to Build Procedural Fluency from Conceptual Understanding |
| | Amanda Fox | Math = les mathématiques = 数学? |

Saturday, April 24th

| Time | Speaker | Session/Topic |
|---|---|--|
| 10:30 - 10:45 a.m. (EASTERN) | Theresa Wills | Reimagining Face-to-Face and Remote Instruction (<i>special roundtable</i>) |
| 12:05 - 12:20 p.m. (EASTERN) | Jennifer Bay-Williams Sydni Morris | Reasoning Strategies Matter, and That's a [Basic] Fact! |
| | Angela Das Robyn Silbey | Reaching all Learners with Compelling Content and Multi-Layered Centers |
| | Jack Marley-Payne Andrew Davidson Philip Dituri | Experimentation and Engagement: Using Simulations as a Means of Mathematical Modeling |
| | Michael Cassaro Chris Black Iloire Nye | Ripples of Public Learning: Coaching the Coach Using a Comparative Teaching Model |
| | Jennifer Fronczak Justin Lewin Nicholas Innis | "I ask for help." A collaboration of teachers work to develop students as self-motivated learners. |
| | Brandon McMillan Theodore Sagun | Choral Counting from Upper Elementary to Middle School...and Beyond! |
| | Gita Dev Tammy Baumann | Amplify, Not Simplify |
| 1:35 - 1:50 p.m. (EASTERN) | Linda Gojak | Beyond Worksheets: Developing Number Sense and Fluency through Classroom Routines |
| | Mark Russo | Catalyzing Change - A Roadmap for Equitable Mathematics Instruction |
| | Michelle Cirillo John Pelesko | Priming the Pump for Mathematical Modeling |
| | Kathleen McKinley | Building Equity in the Mathematics Classroom? How do we continue becoming inclusive? |
| | Jian Liu | New York State Mathematics Initiative: Literacy in Mathematics |
| | Gail Boyd | Closing the African American-White Achievement Gap in Math with Culturally Responsive Teaching |
| | Linda Furuto | Rehumanizing Mathematics Classrooms through Equity and Access in Ethnomathematics |
| | Daniel Kline | Julia Robinson Mathematics Festival: a non-competitive way to enjoy meaningful mathematics |
| 3:05 - 3:20 p.m. (EASTERN) | Laura Grandau Susan Meyer | Using Actual and Potential Errors in Problem Solving to Deepen Students' Mathematical Exploration |
| | Marilyn Strutchens | Increasing Students' Understanding of Fractions Via the Eight Mathematics Teaching Practices |
| | Enrique Galindo Jean Lee | Moving Forward with PBL: Creating Spaces to Engage Students Socially and Emotionally in Mathematics |
| | Kyndall Brown Pamela Seda | Erasing Math Inequities Using the I C U CARE Equity Framework |
| | Amy Smith | Time to Teach Time: Teaching Durational Reasoning Before Clock Reading |
| 4:35 - 4:50 p.m. (EASTERN) | Jane Felling | 20/20 Vision: A Look Back at How Using Games in the Classroom has Changed Math Instruction |
| | Madhuri Bapat | Use of Rangolee Art in Elementary Mathematics Education. |
| | Diane Bryant Sarah Gorsky Megan Rojo | Increase Algebra Readiness in Middle School by Identifying and Correcting Misconceptions |
| | Taylor Bainter | Math that Matters: Using Data Visualizations to Explore Information Literacy |
| | Patrick Sullivan Camry Cowan | How Likely is It? Building an Intuitive Sense of Inferential Statistics |
| | Kristopher Childs | Real-Life Mathematics: A Meaningful Mathematics Experience for ALL Students |
| | Susie Hakansson Kyndall Brown | Incorporate Equity into the Lesson Study Process to Access High Quality and Rigorous Mathematics |
| | Clifton Wingard | Periodic Sequences -- Naturally Fun Mathematics |
| | Jana Hamm Catherine Fosnot | The Culturally Responsive Classroom: the role of contexts and models in fostering mathematical ideas |

Wednesday, April 28th

| Time | Speaker | Session/Topic |
|---------------------------------------|---|---|
| 4:05 - 4:20 p.m. (EASTERN) | Thomasenia Lott Adams | Troubled by Girls' Achievement in Mathematics? Let's Examine Perceptions, Practices and Priorities |
| | Beth Kobett Karen Karp | Strengths-Based Teaching Turnarounds: Strengths not only Perform - They Transform! |
| | Dan Ross | Understanding Statistics Foundations: Let's Get Active! |
| | Amber Candela Melissa Boston Juli Dixon | Opening Classroom Discussions: Using Tasks and Questions as a Vehicle for Student Voice |
| | Gary Rubinstein | Euler, Master Of Us All -- for high school students |
| | Suzanne Nesmith | Engineering Design Process: The Catalyst for Learning Mathematics and Science Content |
| | Florence Glanfield | Interweaving Indigenous Knowledge Systems and School Mathematics: Lessons for Equity |
| | Hsuehi (Martin) Lo | Using the NCTM teaching principle in China: Activity-based to challenge/support elementary students |
| 5:35 - 5:50 p.m. (EASTERN) | Jeanine Brownell Rebeca Itzkowich | Count on Surprises: Discover What Children (& Teachers) Understand about Counting Collections |
| | Daniel Scher Antonia Cameron Meg Ray | A Games-Based Approach to Developing Students' Mathematical Problem-Solving Skills |
| | Sharon Vestal Christine Larson | How to Build a Professional Learning Community with Preservice Teachers |
| | Erica Burnison | Making Mistakes Matter: Strategies that Promote Meaningful Reflection and Sense-making |
| | Joseph Herbert | Math Class as an Emergent Bilingual: Building Empathy and Strategies |
| 7:05 - 7:20 p.m. (EASTERN) | Stefanie Livers | Danger! Animals in the Mathematics Classroom -- How to Get Rid of Them! |
| | Siddhi Desai Brianna Kurtz | The Mathematics Heritage Project: Empowering Students Through Identity Exploration |
| | Tammy Baumann Gita Dev | Incorporating Productive Mathematical Discussion into the Classroom |
| | Joanna Burt-Kinderman Matthew Campbell Jennifer Nail-Cook | Mountaineer Mathematics Master Teachers: A Teacher-Led Network to Improve Math Teaching |
| | Sharon Hessney | What's Going On In This Graph?: Free Feature of NY Times & American Statistical Association |
| | Tim Hudson | Our Grading Practices Can Drive Systemic Change: Designing Assessment Systems for Equity and Agency |
| | Zack Miller Jay Chow | The Feedback Our Students Need |
| 8:35 - 8:50 p.m. (EASTERN) | Sudha Swaminathan Amie Lopez | Early Math: Recognizing and nurturing Math thinking and learning in toddlers |
| | TJ Jemison | Milk it for the Math |
| | Lesley Schooler Mary Beth Dittrich Kristina Levesque | Combining Differentiated Learning and Collaborative Deep Thinking in a Mathematics Classroom |
| | Roxy Peck | Beyond AP Statistics: Multiple Regression and Logistic Regression |
| | Susan Chapman Mary Mitchell | Choose Your Own MathVenture: A Lab Approach to Improving Mathematics Teaching and Learning |
| | Jennifer Quinn | A walk in the park: Community collaboration to change the culture of mathematics in Tacoma, WA |
| | Mike Steele | Championing Our Profession: Recruiting and Retaining Math Teachers and How You Can Help |
| | Jackie Murawska Sean Nank | Unlocking the Beauty of Mathematics through Students' Passions |

Thursday, April 29th

| Time | Speaker | Session/Topic |
|---------------------------------------|---|--|
| 4:05 - 4:20 p.m. (EASTERN) | Amanda McGarry | Engage and Empower Early Learners Using Interactive Simulations |
| | Tracy Zager | Lost in Translation: From Writers' Workshop to Leveled Math Groups |
| | Mark Ray | Supporting Students Who Struggle: Inspiring all Students to Achieve |
| | Susan Resnick David Mattoon | All Students Shine using Models. Promoting Understanding and Equity in the Secondary Classroom. |
| | Brianna Kurtz Siddhi Desai Farshid Safi | The Imperfect Storm: Using NOAA Hurricane Models to Teach Confidence Intervals |
| | Julia Aguirre Maria Zavala | Math strong or static? Revisiting core beliefs and structures for mathematics advancement in K-12 |
| | Peter Liljedahl | Building Thinking Classrooms |
| | Amanda Jansen | What Is Rough Draft Thinking and How Can it Be Incorporated into Mathematics Lessons? |
| | Dianne McCarthy | Women and Mathematics: Past, Present, and Future |
| 5:35 - 5:50 p.m. (EASTERN) | Chris Luzniak | Up for Debate! Empowering Students Through Argumentation in Math Class |
| | Karen Hollebrands Allison McCulloch | Using Dynamic Geometry and Dance to Make Connections between Functions and Geometric Transformations |
| | Dee Crescitelli Funda Gonulates | Creating School-wide Cultures of Mathematical Sense-making |
| | Raymond Johnson | Are you thinking what I'm thinking? |
| | Devin Rossiter | Digital Design for Engaging and Accessible 'Same or Different' Prompts |
| 7:05 - 7:20 p.m. (EASTERN) | Sarah Shartzter | A Different Kind of Digital Breakout |
| | Beth Barnes | It's as Easy as 123...Exploring Counting and Cardinality and the Impact on 3-5 Standards. |
| | Zandra de Araujo | Going Beyond Symbols with Linear Equations |
| | Katrina Rothrock Susan Gay | College Ready: How Identity, Self-efficacy and Mindset Matter |
| | Kimberly Epps Tiffany Reyes | Are We Still Teaching the Same Way and Looking for Different Results? |
| | W Gary Martin Catherine Jones Marilyn Strutchens | Designing Pathways for Student Success from K-12 to Post-High School |
| | Megan Fleischman Karla Bandemer | Advocating as Teacher and Parent: Lessons Learned When Our Own Children Started School |
| | Heather Crawford-Ferre Lynda Wiest Jafeth Sanchez | Short-Term Out-of-School-Time Programs for Girls |
| 8:35 - 8:50 p.m. (EASTERN) | Linda Venenciano Seanyelle Yagi | Using a Math Picture Book to Introduce Big Concepts to Young Math Explorers |
| | Trish Kepler | Giving Number Talks a Makeover: Recording for Better Sense Making |
| | Thomas Beatini | Exploring Functions and Connecting Algebraic Representations through Hands-On Data Collection |
| | Jamis Perrett | Preparing Students to Thrive in the World of Data Science |
| | Zandra de Araujo | Math as a Weapon for Change |
| | Katherine Marin | Talking About Their Generation! Generation Z in the Math Classroom |
| | Tammy Jones Mary Martin | A Mathematician's Notebook: Chronicling the Journey |

Friday, April 30th

| Time | Speaker | Session/Topic |
|---------------------------------------|---|--|
| 4:05 - 4:20 p.m. (EASTERN) | Jeff Kennedy Wendy LaRose | Mapping Coherence: Explore How Fractional Understanding Develops From PreK through 12th Grade |
| | Christa Jackson Kelley Buchheister Cynthia Taylor | Using Children's Literature to Plan Culturally Rich Mathematical Tasks |
| | Rachel Grubb | AHA! Exploring Fraction Division with Math Rods |
| | Julius Donisan | On the Road to Proof: The Role of Argumentation in Algebra I |
| | Lea Ann Pitcher | Overcoming Barriers of Math Tracking to Improve Equity for All Students |
| | Karla Bandemer Rebecca Evans | Building Teacher Capacity for Equitable Mathematics Instruction |
| | Karen Karp Sarah Bush Barbara Dougherty | Building Student Success through Developing a Mathematics Whole School Agreement |
| 5:35 - 5:50 p.m. (EASTERN) | Susan Looney Heidi Sabnani Molly Vokey | Counting on Problem Solving: Learn the 3 Keys to Using Rich Counting Tasks with Young Learners |
| | Angela Broaddus Jeanine Haistings | Build Mathematical Identity and Fluency by Infusing Teaching with Intentional Connections |
| | Laura Montgomery | STEM Projects in the Pre-Algebra and Algebra Classroom |
| | Daryl Rock Afrah Richmond | The One Room Segregated Schoolhouse: A model for today's African American math classroom? |
| | Farshid Safi Siddhi Desai Cathery Yeh | Promoting Equitable Teaching AND Focusing on Content & Connections: Don't Settle for Only One! |
| | Christa Jackson George Roy | Catalyzing Change in Middle School Math: Broadening the Purposes of Learning Mathematics and Dismantling Inequitable Structure |
| | Berkeley Everett | Student Ownership and the Standard Algorithm |
| 7:05 - 7:20 p.m. (EASTERN) | Lachanda Garrison | Using Storytelling to Empower Our Students to Discover and Author Their Mathematical Identity |
| | Shannon Kiebler | Every Voice, Every Day: How to Get Every Student Talking Throughout Your Math Block |
| | Courtney Plumley Jessica Dula Jill Hamm | Using Mathematically Meaningful Roles to Engage All Students in Small Group Work |
| | Catherine Fosnot | Dancing between the Lines: the Challenges, Pitfalls, and Successes of Systemic Change |
| | Shelly Jones Yolanda Parker | Unveiling Hidden Figures: How Biographies Foster Mathematical Identity |
| | Harshil Parikh Kristen Smith | What role must math education play in preparing our students for a data-rich world? |
| 8:35 - 8:50 p.m. (EASTERN) | Lucas Elliott | Start Noticing: Accessing and Understanding Students' Mathematical Thinking |
| | Amy Herman Connie Horgan | Algebra Experiments and Applications - Engaging All Students |
| | Shannon Ernst Kurt Kerns Haley Kerns | Blended Learning: Implementing Blended Learning Models in a High School Classroom |
| | Sherry Parrish | Leveraging the Principles of Number Talks to Promote Change in the Mathematics Classroom |
| | Amanda Meiners Anna Payne | Using Open-Middle Resources to Engage Student's Mindset and Persistence |
| | Sarah Bush Eric Milou George Roy | Catalyzing Change in Middle School: Implementing Equitable Instruction and Developing Deep Mathematical Understanding |

Saturday, May 1st

| Time | Speaker | Session/Topic |
|---|---|---|
| 10:30 - 10:45 a.m. (EASTERN) | Cathery Yeh Marian Dingle | Anti-Bias Mathematics: Moving Beyond the Algorithm |
| | Barbara Dougherty | Games and Explorations Galore: Support for Struggling Middle and High School Students |
| | Sidney Leigh Nataro | Instructional Strategies to Promote Reasoning and Communication in Statistics |
| | Shelli Casler-Failing | Learning To Teach With LEGO Robotics: Experiences in a Mathematics Methods Course |
| 12:05 - 12:20 p.m. (EASTERN) | Jim Ewing | Math for ELLs. As Easy as Uno, Dos, Tres |
| | Jennifer Suh Susan Call Brett Terrell | Mooncakes and Coin Harvests: Connecting Students' Lived Experiences with Math Modeling |
| | Madhuvanti Anantharajan | "What Do you Wonder?" Taking a Stance of Curiosity Towards Children's Mathematical Thinking |
| | Kathy Henderson Jay Chow | Do you Desmos: Geometry? Engaging and dynamic geometry tools for you and your students |
| | David Wees | Sharing Skepticism and Arguing Constructively in Math Class |
| | Nancy Anderson | Can you say more?': Eliciting learner knowledge in math class |
| | Kathy Ernst | New Teachers: Norms and Routines for Supporting Student Equity and Agency in Mathematics Classrooms |
| | Kyle Prince | Grading (or Not) for a Growth Mindset |
| | Adam Smith | Mathematical Knowledge for Teaching (MKT): Implications for Practice, Beliefs, and Success |
| | Michael Flynn | Deep Work: Supporting High-Cognitive Learning in the Age of Distraction |
| | Miriam Amit Odelya Uziel | Is It Possible That More Mathematics Knowledge Results in Less Creativity? |
| 1:35 - 1:50 p.m. (EASTERN) | Antonia Cameron Jenn Costanzo Stephanie Slabic | Using 10-Minute Math Routines to Empower Students to Think |
| | Betsy Araujo Grando Ji Yeong (Joann) I Ricardo Martinez | Modeling-based lessons for Teaching Math to English Learners |
| | Shakiyya Bland | Using Geometric Modeling to Support Food Sustainability |
| | Andrew Davidson Philip Dituri Jack Marley-Payne | The Financial Life Cycle: Centering a Math Curriculum on Financial Applications |
| | DeAnn Huinker Nicole Rigelman Beth Schefelker | Leaders Catalyzing Change by Initiating Critical Conversations about Mathematics Across the Grades |
| | Sarah DiMaria Dwaina Sookhoo Allie Webb | The Effects of Unpacking Teacher Identity in the Classroom |
| | Karin Lange Imani Goffney | Working at the Intersection of Research and Practice in Math Education: Two Stories |
| | Cassandra Quinn Charles Munter Phi Nguyen | Is our problem a real problem? Confronting systemic problems in mathematics education worth solving |
| 3:05 - 3:20 p.m. (EASTERN) | Sue Ellen Richardson Signe Kastberg Rose Mbewe | Foregrounding the Mathematics in Informal STEM Clubs for Girls |
| | Jayna Moffit | Patterns are Worth a 1,000 Lessons |
| | Karen Hyers | Group Activities to Get Students Talking in AP Calculus: Instructional Approaches from the CED |
| | Rob Wieman Fran Arbaugh | New Teachers: Developing Confidence as a New Teacher: It's Not Who You Are, It's What You Do |
| | Jennifer Levy John Michael Rotello | Redefining and Building Number Sense in All Students |
| | J Megan Maletto Maureen Cassidy | The Questions Game |