

ICTCM²⁰²⁶

THE PATH TO EXPONENTIAL GROWTH

BREAKFAST 7:00–8:00 a.m.	KEYNOTE ADDRESS 8:00–9:15 a.m.	LUNCH 11:30 a.m.–12:30 p.m.
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SESSIONS: Friday, March 6, 2027

MINICOURSES

	9:30–10:00 a.m.	10:15–10:45 a.m.	11:00–11:30 a.m.	12:30–1:00 p.m.	1:15–1:45 p.m.	2:00–2:30 p.m.	3:00–4:30 p.m.
Hidalgo	AI in Math & Stats Education Using AI Resources in a Statistics Course Lisa Chan, Springfield Township HS Li Westman, Metropolitan Community College	AI in Math & Stats Education Reimagining Math Projects with AI Brian Rickard, University of Arkansas	AI in Math & Stats Education AI Chatbot versus Old School Reading: Who Prepares Students Better for Class? Andrew Lee, Javier Sustaita & Joseph Dorta, United States Military Academy	AI in Math & Stats Education Generative AI in Introductory Statistics: Lessons from the Classroom Brianna Hitt, United States Air Force Academy	AI in Math & Stats Education Making AI Tutors Teach Like You Calvin Williamson & Jennifer Shloming, Fashion Institute of Technology	AI in Math & Stats Education How Can AI Be Implemented in Foundational Math Effectively? Jamie Blair, Orange Coast College Anne Fischer, Tulsa Community College	AI in Math & Stats Education Enhancing Building AI Literacy: Responsible Integration in the Math Classroom Jessica Bernards, University of Oregon
	Teaching Methods & Course Formats The Effects of Hybrid & Online Instructions on Students Learning Achievements & Online Learning Experience Poranee Khayo, University of Cincinnati Blue Ash College	Teaching Methods & Course Formats Transform Your Class: Ignite Student Engagement! Kathy Cousins Cooper, North Carolina A&T State University	Teaching Methods & Course Formats GeoGebra Graphing in MyLab Math Aaron Warnock, Pearson	Teaching Methods & Course Formats Simulation and Modeling Using Desmos in Mathematics Courses Richard Herbst, Montgomery County Community College	Teaching Methods & Course Formats Collaboration for Success without Cheating Rodica Cazacu, Georgia College & State University	Teaching Methods & Course Formats Combining MyLab Math with Handwritten Assignments for Formative & Summative Assessments Scott Demsky, Broward College	Teaching Methods & Course Formats How Much Can We Learn from Kirigami? Elayn Martin Gay, University of New Orleans
Harris	Before Calculus From Passive Learning to Active Participation: Enhancing Engagement & Belonging in Asynchronous Precalculus Rabia Shabaz & Katya Nathanson, Georgia Gwinnett College	Before Calculus Graphing Approach to Algebra Using Desmos Victor Mitrell, Tennessee Wesleyan University	Corequisites / Pathways Exploring Platforms in Corequisite Mathematic Courses Anna Cutts, University of North Georgia - Oconee Campus	Corequisites / Pathways There and Back Again: A College Algebra Coreq Journey Stephanie Kurtz & Sheri Goings, Louisiana State University	Before Calculus Integrating Multi-Modal Resources for Effective Learning in Precalculus Eric Hutchinson, College of Southern Nevada	Before Calculus Revisiting Learning Catalytics During College Algebra Lectures Eric Samansky, Nova Southeastern University	Before Calculus Gamify Your Assessments to Teach Error Self-Correction Andrew Browne, Valencia College
	Calculus Say It Out Loud: Student Screencasts to Strengthen Calculus Understanding Beth Riggs & Nancy Summer, Tarleton State University	AI in Math & Stats Education AI for the Math Expert Teacher: Differentiation and Quality Questions Made Simple Dr. Amber Gunner, Pearson	Data Science Designing An Engaging Introduction to Data Science: A Foundational Course for Diverse Learners Carrie Grant, Flagler College	Data Science Art of Stat Mobile App for No-Code Machine Learning Bernhard Klingenberg, New College Florida	Statistics A Famous Card Problem: Analyzed by the Monte Carlo Method Paul Bouthellier, University of Pittsburgh - Greensburg	Data Science From Sheets to Scripts: Onboarding Non-coders into Data Science Brennan Davis & Hunter Glanz, Cal Poly	
Navarro	Teaching Methods & Course Formats Making Asynchronous Online Collaboration Intentional, Meaningful, and Successful Stephanie Andrews, Lone Star College - Kingwood	Math for Future Teachers Geometry Software Preferences for Preservice and Inservice Teachers Brian Beaudrie, College of Southern Nevada	Math in the Real World Revisiting Some "Old" Technology Kimberly Walters, Mississippi State University	Faculty Development Packaging Your Project Idea: Creating a Competitive Grant Proposal Scott Hairston & Jason Fontaine, San Jacinto Community College District		Math for Future Teachers Unpacking Polynomial Division: An Alternative Algorithm Timor Sever, Episcopal High School Bellaire	Teaching Methods & Course Formats Equipping Mathematics Faculty to Understand and Navigate New Federal Digital Accessibility Requirements Clay Kitchings & Molly Hodges, University of North Georgia
	Calculus	AI in Math & Stats Education	Data Science	Data Science	Statistics	Data Science	
Galveston	Teaching Methods & Course Formats	Math for Future Teachers	Math in the Real World	Faculty Development		Math for Future Teachers	Teaching Methods & Course Formats
	Dallas	Dallas	Dallas	Dallas	Dallas	Dallas	Dallas



5:30–9:00 p.m. ICTCM Under the Sea at the Houston Aquarium

BREAKFAST
7:00–8:00 a.m.

KEYNOTE ADDRESS
8:00–9:00 a.m.

LUNCH
12:45–1:45 p.m.

SESSIONS: Saturday, March 7, 2026

	9:00–9:30 a.m.	9:45–10:15 a.m.	10:30–11:00 a.m.	MINICOURSES 11:15–12:45 p.m.
Hidalgo	AI in Math & Stats Education Do Our Students Use AI in Our Math Classes? Barbara Boschman & Brian Beaudrie College of Southern Nevada	AI in Math & Stats Education Reimagining Math 105: A Layered AI–Human Approach to Teaching Logic, Finance, and Probability Larissa Shatalova Lane Community College	AI in Math & Stats Education AI Resistant Pre–Calculus Worksheets Rob Eby Blinn College - RELLIS Campus	AI in Math & Stats Education When Students Rely Too Much on (AI) Technology Jonathan Anderson Utah State University
	Teaching Methods & Course Formats Flipping the Classroom with "Interactive Calculus" Jason Gregersen Michigan Technological University	Math in the Real World Modeling the Sun: A Solar-Tracking Project Using Mathematica and a Raspberry Pi Jason Gregersen & Owen Colburn Michigan Technological University	Teaching Methods & Course Formats From Ishango to Chatbots: A Brief History of Mathematical Technology Dennis Runde State College of Florida, Manatee-Sarasota	Teaching Methods & Course Formats Simple Ways to Increase Student Engagement through Technology Dana Goodwin Arkansas State University - Beebe
Navarro	Before Calculus Halfway to Calculus: A Look at Precalculus at MSU Robert Banik Mississippi State University	Before Calculus Harnessing the Power of Transformations: Rethinking Graphing in Precalculus Serena Oswalt & Lindsay Waddell Louisiana State University	Before Calculus Optimizing students' comprehension by placement of Arithmetic and Geometric Sequences in College Algebra Textbooks Mohammad Ganjizadeh Tarrant County College	Math for Future Teachers Creating Rich Course Content Through Prompt Engineering Edmund MacPherson Tyler Junior College
	Teaching Methods & Course Formats Experiences with an Embedded Peer Education Program Maggie Byrns Flagler College	Teaching Methods & Course Formats Limitless Tech Ideas: Let's Share! Mari Menard Lone Star College - Kingwood	Teaching Methods & Course Formats Engaging Students with MS Forms Charity Coombs Lone Star College - Kingwood	Data Science Art of Stat Mobile App for No-Code Data Science Bernhard Klingenberg New College Florida
Dallas	Calculus Perpetual Calendar by Excel Nadeem Aslam & Jay Villanueva Miami Dade College	Calculus Some Minor Motions of the Earth and Their Significance Jay Villanueva Miami Dade College	Before Calculus Revealing Math Readiness Through Low Stakes Digital Diagnostics Liz Jimenez Northern Virginia Community College	Teaching Methods & Course Formats Retrieval Practice & Learning Catalytics: A Perfect Pair Danielle Bramall Collin College

Contributed Sessions

	Travis
MINICOURSES	9:00–9:15 a.m. Teaching Methods & Course Formats Illustrating Spherical Trigonometry Laws with Advanced Graphics Jeffrey Clark Elon University
	9:30–9:45 a.m. Before Calculus Embedding Computational Thinking in Intermediate Algebra Using Python Notebooks Ronnie Brown University of the District of Columbia Community College
	10:00–10:15 a.m. Before Calculus Early Introduction to Limits: Easy Transition from College Algebra & Precalculus to Calculus Viktoriya Lanier Middle Georgia State University
	10:30–10:45 a.m. Before Calculus Beyond Attendance: Cultivating a Culture of Purposeful Participation and Lasting Engagement Sutandra Sarkar Georgia State University
	11:00–11:15 a.m. AI in Math & Stats Education From Code to Classroom: AI-Powered Math Visualization Piotr Runge Salt Lake Community College