

2017 CCTM Annual Conference Schedule-at-a-Glance

Session 1 8:00–9:30 Welcome and Keynote Speaker [Fetter] Sturm Hall – Davis Auditorium

	Session 2 9:45–10:45	Session 3 11:00	11:15	11:30	11:45	12:00–12:15
Sturm Hall – Davis Auditorium	Facilitating Productive Classroom Conversations Using Desmos Activity Builder [Bejarano]	Making Math Workshops Work [Ward Hoffer]				
Driscoll Gallery	Meet the Speaker: Annie Fetter	Lunch				
Driscoll 1864	Demystifying Tasks in the Math Classroom [McCalla]					
Driscoll 1880	Growth Mindset and the Value of Mistakes in Learning [Gilliam]	Technology: Gateways to Mathematics for All [DeBay & Terrell]				
Sturm 234	The Mathematics Behind the Zombie Apocalypse! [Lukens]	Discovery Education [Burns]		The Math Talk MVPS [Kiebler]		
Sturm 235	Teaching Multiplication and Division of Fractions Conceptually [Kang]	Valuable Little Known Tips & Tricks for TI-83/84/CE (color) TI-SmartView [Reardon]		How Do We Know What They Know? [Bejarano]		
Sturm 253	We Are All Mathematicians: Inspiring Mathematical Thinking Through Student Projects [Mitchell]		Time to Teach [Gibson]			
Sturm 310	Implement Effective Math Teacher Practices Using Interactive Simulations [McGarry]	SWAG – Students with a Goal [Low]		A Math Problem Solving Inventory for Gifted Learners [Burkhart]		
Sturm 334		Instructional Strategies for Teaching Mathematical Vocabulary [Walsh]				
Sturm 380	Rigorous and Cognitively Demanding Tasks for All [Wretling & Kuzma]	Elevating Algebraic Habits of Mind in the Classroom [Reed & Kalb]				
Sturm 424	Engaging and Accountable Discourse that Percolates Mathematical Thinking [Wandzek & Krier]					
Sturm 435	Old Geometry Concepts in a New Light [Mara]					
Sturm 453	Coaching Research-Based Best Practices in Mathematics [VanOoyik]	Let them Struggle: Instruction Focused on Transfer of Learning [Nickerson]		Awesome Grouping Strategies for a Student Centered Classroom [Smerchek]		
Sturm 454	Using the "5 Practices" to Engage in Mathematics [Pilgrim & TerEick]		Coding in the Mile High City [Hicks]			
Sturm 480	Differentiated Assessment: Simple Techniques for Reaching and Teaching ALL Learners [Hoste & Hite]		Colorado Mathematics Standards Review and Revision [Johnson]			
Sturm 490	Increasing Student Engagement Through Problem Solving [O'Sadnick & Kalb]		Student and Teacher Math Circles: Enhancing Problem Solving for All [Karakok & Haefel]			

Updated 2017-09-12



Strands:

Teaching & Learning

Access & Equity

Tools & Technology

Professionalism

Assessment

	Session 4 12:30-1:30	Session 5 1:45-2:45	Session 6 3:00-4:00
Sturm Hall – Davis Auditorium	Promoting Rough Draft Thinking to Engage Students in Mathematics Classroom Discourse [Jansen]	What's Important in Math Today? [Burnett]	Take That For Data: Learning From Student Work [Krall]
Driscoll Gallery	Meet the Speaker: Wendy Ward Hoffer	Meet the Speaker: Amanda Jansen and Geoff Krall	Meet the Speaker: Lisa Bejarano
Driscoll 1864		Developing Deeper Conceptual Understanding to Prepare for the SAT [McCalla & Reardon]	
Driscoll 1880	The First Steps to Teaching [Bolz]	Using Historical Mathematics Problems to Engage Student Thinking [Powers]	Math + ELA Coaching [Harkness & Bolz]
Sturm 234	Leadership and Classroom Pedagogy for Equity and Excellence in Mathematics [Håkansson]	Getting Started With Google Drive: A Roadmap for Math Educators [McGuire & Anderson-Pence]	Developing a Growth Mindset in Young Mathematicians [Berger & Wandzek]
Sturm 235	Reducing Cognitive Load for Struggling Math Learners [Turner, Stille, & Garner]	Experiment to Learn [DeAnda]	Peer Feedback Cohorts for Teachers: Why They Work and Getting One Started in Your School or School District [Greenberg]
Sturm 253	My Favorite All-Time Problems-Activities-Gifts Developed Over 35 Years – With Technology [Reardon]	Beyond Rhetoric: Everyday Growth Mindset Interventions [Kane & Bejarano]	Multiplication Minilessons: Using Number Strings to Build Students' Understanding [Anderson-Pence & McGuire]
Sturm 310	Centers in Secondary...Who Knew? [Welch]	A Math Potential Gap for Gifted Learners [Burkhart]	Let's in"FORM" Our Math Classes! [Welch]
Sturm 334	Equity in Math Class, Strategies for Queering the Curriculum [Stone]	Visual Mathematics from K to 12 [Fox & Zook]	Have Students MAKE Notes, Not Just Take Notes [Walsh]
Sturm 380	Modeling Meta-cognition and Problem Solving Strategies in Paced Precalculus Videos [Horn & Moran]	Cultivating Mathematical Identities [Ward Hoffer]	Transformational Geometry: Innovative Interactive Ways to Learn and Teach Grades 8-11 [Reardon]
Sturm 424	Transforming Math Class into a Blended Learning Community [Schneider]	Productive Struggle in the Classroom [Bruce]	Understanding Congruence Through Transformations [Mena Casa & Jones]
Sturm 435	Leveraging Failure to Engage Students [Huyvaert]	Understanding Our Planet Through Math [Kulesza]	The Power of Taking Away Power [Race & Collins]
Sturm 453	The Mathematics of Mario: Hidden Rigor in Today's Popular Video Games [Moriarty]	Mathematical Problem Solving: A Metacognitive Approach [Wild]	
Sturm 454	Equity-Based Classroom Teaching Practices [Martin]	Put the TEACH Back in Teaching [Farrow]	What Does the Mean Mean? The Need for Statistical Literacy [Koester]
Sturm 480	The Visible Mind: Videos, Brain Research, and the Mathematical Mind [Woodward]	Empowering Diverse Learners' Mathematical Thinking and Language: Student-Adaptive Pedagogy [Lewis & Gardner]	Connecting Pre-Service Teachers' and Students' Mathematical Reasoning Through Video [DeBay]
Sturm 490		Thinking Tools and Lesson Structures That Empower Students [Klaus-Quinlan & Engbretson]	

Session 7

4:15-5:00

Ignite, CDE Update, Prizes, and Closing

Sturm Hall – Davis Auditorium