

**National Council of Teachers of Mathematics 2013  
Regional Conference and Exposition: Baltimore, Maryland**

**Wednesday, October 16, 2013**

**1**

**How to Explore the Cosmos with Just a Little Math**

Sten Odenwald

Grade Band Audience: *General Interest/All Audiences*

**Ballroom I/II (Baltimore Convention Center)**

5:30 PM-7:00 PM

**Thursday, October 17, 2013**

**8**

**Combine Technology with Singapore Strategies to Develop Number Sense**

Cassandra Turner and Lauri Susi

Grade Band Audience: *3 to 5, 6 to 8*

**Key Ballroom 5 (Hilton)**

8:00AM-9:00PM

**10**

**Turnonccmath.net: Learning Trajectories for CCSSM**

Alan Maloney

Grade Band Audience: *3 to 5, 6 to 8*

**Holiday Ballroom 3 (Hilton)**

8:00AM-9:00PM

**11**

**Get Your Math Class Up Fast!**

Ashley E. McLendon

Grade Band Audience: *6 to 8, Preservice and Inservice*

**Key Ballrooms 1/2 (Hilton)**

8:00AM-9:00PM

**13**

**iPad Implementation in the Math Classroom**

Andrew S. Hopp, Julie E. Lodes and Rick Arch

Grade Band Audience: *9 to 12*

**Johnson (Hilton)**

8:00AM-9:00PM

**14**

**Visualizing Functions**

Evelyn Baracaldo and Fred Dillon

Grade Band Audience: *9 to 12*

**Ballroom I (Baltimore Convention Center)**

8:00AM-9:00PM

**14.2**

**Pearson's CMP3: Get Connected!**

Exhibitor Wkshp Pearson

Grade Band Audience: 6 to 8

**Room 2 (Baltimore Convention Center)**

8:00AM-9:00PM

**23**

**Statistical Inference through Simulation**

Paul L. Myers

Grade Band Audience: 9 to 12

**Holiday Ballroom 4 (Hilton)**

8:30AM-10:00AM

**24**

**Using Super Mario with Falling Objects and Quadratics**

Jack Burke

Grade Band Audience: 9 to 12, Preservice and Inservice

**Room 307 (Baltimore Convention Center)**

8:30AM-10:00AM

**26**

**Implementing One-to-One Technology Initiatives through an iPad Academy**

Justin Montgomery and Carolyn Wolsiefer

Grade Band Audience: General Interest/All Audiences

**Ballroom II (Baltimore Convention Center)**

9:30AM-10:30AM

**33**

**Using GeoGebra to Model Four Representations of Linear Equations**

David Pugh

Grade Band Audience: 6 to 8, 9 to 12

**Key Ballroom 6 (Hilton)**

9:30AM-10:30AM

**34**

**Reclaiming Lost Ground: Research-Based Interventions for Underprepared Algebra Students**

James Lynn and Timothy M. Stoelinga

Grade Band Audience: 9 to 12

**Holiday Ballroom 3 (Hilton)**

9:30AM-10:30AM

**35**

**Computer Gaming: Mathematics Applications to Engage Students**

Susan G. Helser

Grade Band Audience: 9 to 12, Higher Education

**Johnson (Hilton)**

9:30AM-10:30AM

**36**

**Making Sense of a Stunning Approximation to the Sine Function**

Ron Lancaster

Grade Band Audience: *9 to 12, Preservice and Inservice*

**Key Ballrooms 1/2 (Hilton)**

*9:30AM-10:30AM*

**37.3**

**MathCloud: Adaptive Online Self-Learning Tool**

Exhibitor Wkshp MathCloud

Grade Band Audience: *6 to 8, 9 to 12*

**Room 3 (Baltimore Convention Center)**

*10:30 AM-12:00 PM*

**45**

**Helping At-Risk Students Visualize Mathematics through Technology**

James William Kearns

Grade Band Audience: *6 to 8, 9 to 12*

**Key Ballroom 7 (Hilton)**

*10:30 AM-12:00 PM*

**60**

**Picturing Functions and Functions of Pictures with Sketchpad**

Scott Steketee and Daniel Scher

Grade Band Audience: *9 to 12*

**Key Ballroom 6 (Hilton)**

*11:00AM-12:00PM*

**60.2**

**Math Digital Learning**

Exhibitor Wkshp Think Through Math

Grade Band Audience: *3 to 5, 6 to 8*

**Room 3 (Baltimore Convention Center)**

*11:00AM-12:00PM*

**82**

**STEAM: Mathematics as the Base of Interdisciplinary Education**

Georgette P. Yakman

Grade Band Audience: *Preservice and Inservice*

**Key Ballroom 7 (Hilton)**

*2:00 PM-3:00 PM*

**87**

**From STEM to STEAM: Arts and Creativity in Mathematics**

Stuart J. Murphy

Grade Band Audience: *PreK to 2, 3 to 5*

**Ballroom 1 (Baltimore Convention Center)**

*2:00 PM-3:00 PM*

**94.3**

**HP Prime: Redefining the Graphing Calculator Experience**

Exhibitor Wkshp Hewlett-Packard

Grade Band Audience: *9 to 12*

**Room 3 (Baltimore Convention Center)**

*2:30 PM-4:00 PM*

**113**

**Go Deep to Address Common Core by Integrating Instructional Technology**

Rudy V. Neufeld and Nakita West

Grade Band Audience: *6 to 8*

***Holiday Ballroom 6 (Hilton)***

*3:30PM-4:30PM*

**117.2**

**Mathalicious: Real-World Math Lessons and Projects**

Exhibitor Wkshp Wills Mathalicious

Grade Band Audience: *6 to 8, 9 to 12*

***Room 1 (Baltimore Convention Center)***

*3:30PM-4:30PM*

**Friday, October 18, 2013**

**120**

**Mathematical Language: Deep, Early Understanding through Technology**

Don W. A. Watson and Rachel Mary Le Neve

Grade Band Audience: *General Interest/All Audiences*

***Johnson (Hilton)***

*8:00 AM-9:00 PM*

**128**

**Barcodes and Matrices: What They Have in Common**

Susan G. Helser

Grade Band Audience: *9 to 12, Higher Education*

***Ruth (Hilton)***

*8:00 AM-9:00 PM*

**129**

**Using Videos and Sensors to Capture Real-World Data**

Maria L. Hernandez

Grade Band Audience: *9 to 12, Higher Education*

***Ballroom 1 (Baltimore Convention Center)***

*8:00 AM-9:00 PM*

**129.1**

**enVisionMATH Common Core: Lesson structure that successfully implements the CCSSM.**

Exhibitor Wkshp Pearson

Grade Band Audience: *PreK to 2, 3 to 5*

***Room 3 (Baltimore Convention Center)***

*8:00 AM-9:00 AM*

**138**

**Online Data Games Help Students Learn Data Analysis, Algebra Skills**

Rick Gaston

Grade Band Audience: *6 to 8, 9 to 12*

***Room 307 (Baltimore Convention Center)***

*8:30 AM-10:00 AM*

**148**

**The Journey to Technology-Rich, Problem-Centered Instruction**

Bob Horton

Grade Band Audience: *6 to 8, Higher Education*

**Johnson (Hilton)**

*9:30 AM-10:30 AM*

**150**

**Effective Use of Dynamic Geometry Software in the Classroom**

Zhonghong Jiang

Grade Band Audience: *9 to 12*

**Key Ballroom 5 (Hilton)**

*9:30 AM-10:30 AM*

**159**

**Technology + Choice = Success**

Melissa Jackson and Meredith A. Howell

Grade Band Audience: *6 to 8*

**Room 309 (Baltimore Convention Center)**

*10:30 AM-12:00 PM*

**165**

**Implementing and Using the TI-Nspire CX CAS for Beginners**

Lauren E. Gaughan

Grade Band Audience: *General Interest/All Audiences*

**Holiday Ballroom 3 (Hilton)**

*11:00 AM-12:00 PM*

**168**

**Give Puzzles a Starring Role in Your Math Class**

Daniel Scher and Scott Steketee

Grade Band Audience: *3 to 5*

**Key Ballrooms 1/2 (Hilton)**

*11:00 AM-12:00 PM*

**173**

**Dice, Graphs, and Chance: From Cyberspace to the Mathematics Classroom**

Martha Tapia

Grade Band Audience: *9 to 12, Higher Education*

**Ruth (Hilton)**

*11:00 AM-12:00 PM*

**182**

**Using NASA Press Releases to Develop Integrated STEM Lessons**

Sharon Bowers and Sten Odenwald

Grade Band Audience: *9 to 12*

**Key Ballroom 5 (Hilton)**

*12:30 PM-1:30 PM*

**187**

**Enhancing Elementary Math Lessons with Virtual Manipulatives**

Tanaga H. Rodgers

Grade Band Audience: 3 to 5

**Holiday Ballroom 5 (Hilton)**

12:30 PM-2:00 PM

**198**

**Facilitating Teacher and Student Understanding of Fractions through Technology**

Sorsha Mulroe and Lauri Susi

Grade Band Audience: 3 to 5

**Key Ballroom 5 (Hilton)**

2:00 PM-3:00 PM

**202**

**Creating a Virtual Lesson Plan Implementing Differentiated Instruction**

Catherine Scott

Grade Band Audience: 6 to 8, Preservice and Inservice

**Key Ballrooms 3/4 (Hilton)**

2:00 PM-3:00 PM

**204**

**Oral Reviews: Improving Recruitment and Retention in STEM Majors**

Luis A. Melara

Grade Band Audience: 9 to 12, Higher Education

**Holiday Ballroom 3 (Hilton)**

2:00 PM-3:00 PM

**211**

**Making Connections in Mathematics with Graphing Calculators and Children's Literature**

James R. Rahn

Grade Band Audience: 6 to 8

**Peale A,B,C (Hilton)**

2:30 PM-4:00 PM

**213**

**Forensic Photography: CSI for the Eccentric(ity)**

Mike Reiners

Grade Band Audience: 9 to 12

**Room 307 (Baltimore Convention Center)**

2:30 PM-4:00 PM

**217**

**Coaching through Technology: Using Digital Media to Reach More Teachers**

Delise Andrews

Grade Band Audience: General Interest/All Audiences

**Holiday Ballroom 3 (Hilton)**

3:30 PM-4:30 PM

**218**

**Writing and Creating Animated Math Story Problems with Toontastic**

Sarah Ann Keller, Stephanie Richards and Leslie A. Suters

Grade Band Audience: *General Interest/All Audiences*

**Ballroom II (Baltimore Convention Center)**

*3:30 PM-4:30 PM*

**221**

**Math + Technology = Learning**

Tammy G. Worcester

Grade Band Audience: *3 to 5, Preservice and Inservice*

**Key Ballrooms 1/2 (Hilton)**

*3:30 PM-4:30 PM*

**222**

**“Noticing and Wondering” as a Vehicle to Understanding the Problem**

Annie Fetter

Grade Band Audience: *3 to 5, 6 to 8*

**Holiday Ballrooms 1/2 (Hilton)**

*3:30 PM-4:30 PM*

**223**

**Technology, CCSSM, and the Changing Classroom Culture**

Barbara Delaney and Cristina L. Heffernan

Grade Band Audience: *6 to 8*

**Ballroom I (Baltimore Convention Center)**

*3:30 PM-4:30 PM*