

Activities of Interest to Math Circles at JMM 2017

See online for more details: <https://www.mathcircles.org/content/joint-math-meetings-2017>

Thursday, January 5, 2017

- **8:00 a.m. - 10:10 a.m.** MAA General Contributed Paper Session on Outreach.
Kennesaw, Conference Level, Hyatt Regency
- **10:00 a.m. - 12:00 p.m.** MAA Poster Session: Mathematical Outreach Programs
Marquis Ballroom, Marquis Level, Marriott Marquis
- **2:00 p.m. - 4:00 p.m.** Poster Session on Projects Supported by the NSF DUE
Marquis Ballroom, Marquis Level, Marriott Marquis
- **5:30 p.m. - 6:00 p.m.** SIGMAA MCST Business Meeting
International 2, International Level, Marriott Marquis

Friday, January 6, 2017

- **8:00 a.m. - 10:35 a.m.** MAA Session on Unexpected Topics for a Math Circle-I
A701, Atrium Level, Marriott Marquis
- **1:00 p.m. - 3:35 p.m.** MAA Session on Unexpected Topics for a Math Circle-II
A701, Atrium Level, Marriott Marquis
- **4:00 p.m. - 5:30 p.m.** National Association of Math Circles Happy Hour
Location TBA on Facebook/email - visit mathcircles.org to learn more.

Saturday, January 7, 2017

- **11:00 a.m. - 12:00 p.m.** MAA Special Presentation on Math Circles for Students and Teachers - SIGMAA MCST Math Circle Demonstration
Regency Ballroom V, Ballroom Level, Hyatt Regency
- **1:00 p.m. - 2:30 p.m.** SIGMAA MCST Math Wrangle
Regency Ballroom V, Ballroom Level, Hyatt Regency

SIGMAA-MCST Special Session
<http://sigmaa.maa.org/mcst/>

Unexpected Topics for a Math Circle, I/II

Friday, January 6, 2017

Part I: 8:00 a.m. - 10:35 a.m., A701, Atrium Level, Marriott Marquis

- 8:00 a.m. - 8:20 a.m.

What's in a Logo?

Christopher Goff*, University of the Pacific

- 8:20 a.m. - 8:40 a.m.

Finite Projective Planes and Applications.

Martin J. Strauss*, University of Michigan

- 8:40 a.m. - 9:00 a.m.

Complex Behavior from Simple Rules – Cellular Automata for Math Circles.

Mark C. Hughes*, Brigham Young University

- 9:00 a.m. - 9:20 a.m.

The Magical Way to Learn Mathematics.

Maria S. Nogin*, California State University, Fresno

Adnan H. Sabuwala, California State University, Fresno

- 9:20 a.m. - 9:40 a.m.

Math Circles for Integrated STEM Learning Communities.

Celil Ekici, University of the Virgin Islands

Christopher Plyley*, University of the Virgin Islands

Cigdem Alagoz, University of the Virgin Islands

Angie Estien, University of the Virgin Islands

- 9:40 a.m. - 10:00 a.m.

The Missing 'M' in STEM: A Math Circles & Modeling Approach.

James C Taylor*, Math Teachers' Circle of Santa Fe

Nicholas Bennett, Math Teachers' Circle of Santa Fe

- 10:00 a.m. - 10:20 a.m.

Different Angle.

Tatiana Dezbah Shubin*, San Jose State University

- 10:20 a.m. – **Discussion**



Friday, January 6, 2017

Part II: 1:00 p.m. - 3:35 p.m., A701, Atrium Level, Marriott Marquis

- 1:00 p.m. - 1:20 p.m.

Fold, Cut, and Problem Solve: A Math Teachers' Circle Sampling.

Angie Hodge*, University of Nebraska Omaha

Dylan Sorrell, University of Nebraska Omaha

- 1:20 p.m. - 1:40 p.m.

Pancakes, Music, and Games in MTC Dubuque.

Amanda H Matson*, Clarke University

Jonas Meyer, Loras College

- 1:40 p.m. - 2:00 p.m.

Math Circle Artifacts at the Bard Circle.

Japheth Wood*, Bard College

- 2:00 p.m. - 2:20 p.m.

Dancing in Math Circles.

Mary L. Garner*, Kennesaw State University

Virginia Watson, Kennesaw State University

Beth Rogers, Kennesaw State University

- 2:20 p.m. - 2:40 p.m.

A Grid of Liars.

Ryan W. Morrill*, University of Alberta

- 2:40 p.m. - 3:00 p.m.

Triangles, Squares, and Segregation: Introducing Social Issues Through Math.

Anne M. Ho*, Coastal Carolina University

Tara T. Craig, Coastal Carolina University

- 3:00 p.m. - 3:20 p.m.

CryptoClue.

Sharon K. Robbert*, Trinity Christian College

- 3:20 p.m. - 3:40 p.m.

**Impact of the Southwest Chicago Math Teachers' Circle on the Disposition of Teachers
Toward Mathematics and Toward the Teaching and Learning of Mathematics.**

Angela Antonou*, University of St. Francis

Rita Patel, College of DuPage

Amanda Harsy, Lewis University

Dave Klanderma, Trinity Christian College

Kristen Schreck, Saint Xavier University

Amanda Snooks, St. Bede School

Panels of Interest to Math Circle Enthusiasts:

1. **Models for Mathematicians working with K-12 Mathematics Teachers**

Thursday January 5 10:35-11:55 AM

International 5, International Level, Marriott Marquis

Organizers:

Ben Ford, Sonoma State University

Debbie Gochenaur, Shippensburg University

Panelists:

James Epperson, University of Texas Arlington

Davida Fischman, California State University San Bernadino

Robert Klein, Ohio University

2. **Dolciani Award**

Thursday January 5 2:35 – 3:55 PM

International 6, International Level, Marriott Marquis

Organizers:

Will Abram, Hillsdale College

Judith Grabiner, Pitzer College

Bill Hawkins, University of the District of Columbia

Betty Mayfield, Hood College

Glenn Stevens, Boston University

David Stone, Georgia Southern University

Susan Wildstrom, Walt Whitman High School

Panelists:

Hyman Bass, University of Michigan

Sybilla Beckman, University of Georgia

Bill Callum, University of Arizona

Recipients of the Dolciani Award

3. **Highlighting Contributions to Mathematics Education from Members of Math Departments**

Friday January 6 2:35-3:55 PM

International 5, International Level, Marriott Marquis

Organizers:

Beth Burroughs, Montana State University

Jacqueline Dewar, Loyola Marymount University

Pao-sheng Hsu, unaffiliated

Panelists:

Viveka Borum, Spelman College

LouAnn Lovin, James Madison University

Megan Wawro, Virginia Polytechnic and State University

Nina White, University of Michigan