**MATH CIRCLE EVENTS AT JMM 2018**

**Wednesday January 10**
10:15 am - 10:40 am: MAA General Contributed Paper Session on Outreach, I
2:15 pm - 4:15 pm: MAA Minicourse: Part A (Preregistration required)

**Thursday January 11**
9:00 am - 11:55 am: MAA Session on Math Circle Topics with Visual or Kinesthetic Components, I
10:15 am - 11:55 am: MAA General Contributed Paper Session on Outreach, II
1:00 pm - 3:15 pm: MAA Session on Math Circle Topics with Visual or Kinesthetic Components, II
1:00 pm - 4:15 pm: MAA Session on Innovative Mathematical Outreach in Alternative Settings
5:00 pm - 7:00 pm: Math Circles Reception

**Friday January 12**
1:00 pm - 1:50 pm: MAA Lecture for Students | HOW MANY DEGREES ARE IN A MARTIAN CIRCLE? And other human (and non-human) questions one should ask about everyday mathematics.
1:00 pm - 3:00 pm: MAA Minicourse: Part B (Preregistration required)
How to Run Successful Math Circles for Students and Teachers

**Saturday January 13**
10:00 am - 10:50 am: MAA Interactive Lecture for Students and Teachers | Mathematics to the rescue how to fold a tie.
11:00 am - 12:30 pm: SIGMAA on Math Circles for Students and Teachers
1:00 pm - 2:30 pm: SIGMAA on Math Circles for Students and Teachers (SIGMAA MCST) Special Presentation | Math Circle Demonstration
MAA Session on Innovative Mathematical Outreach in Alternative Settings
Room 31C, Upper Level San Diego Convention Center
Organizers:
Hector Rosario, Gwinnett County Public Schools, South Gwinnett High School
Jennifer Switkes, California State Polytechnic University, Pomona

1:00 pm
The Alliance of Indigenous Math Circles.
Tatiana Dezbah Shubin, San Jose State University

1:20 pm
Kittitas Valley Math Circle: Circling parents, guardians, and other adults to join in their student’s Math Circle experience.
Brandy S. Wiegars, Central Washington University

1:40 pm
Julia Robinson Mathematics Festivals—An Alternative to Competition.
Mark Saul, Julia Robinson Mathematics Festival, a program of AIM
Nancy Blachman, Julia Robinson Mathematics Festival

2:00 pm
Initial outcomes and lessons from the International Mathematics Enrichment Project (IMEP).
Catherine Paolucci, SUNY New Paltz
Helena Wessels, Stellenbosch University

2:20 pm
Advanced, underserved students: strategies for program design.
Daniel Zaharopol, The Art of Problem Solving Initiative, Inc.
Ruthi Hotsch, The Art of Problem Solving Initiative, Inc.

2:40 pm
St. Mary’s GED: Mathematics Underpinning GED Education.
Caleb C Moxley, Birmingham-Southern College

3:00 pm
Teaching Math in Prison: Observations from the Cornell Prison Education Program.
Robert Scott, Cornell University

3:20 pm
Math Outreach at Graterford State Correctional Institution.
Katie Haymaker, Villanova University Department of Mathematics and Statistics
Beth Malmskog, Colorado College Department of Mathematics and Computer Science

3:40 pm
An Iranian woman studying in a historical black university teaches College Algebra in prison
Zeinab Bandpey, Morgan State University

4:00 pm
Advising undergraduate research in prison, what worked and what didn't work.
Branden Stone, Adelphi University
FRIDAY, JANUARY 12
1:00 PM - 1:50 PM
MAA Lecture for Students
HOW MANY DEGREES ARE IN A MARTIAN CIRCLE? And other human (and non-human) questions one should ask about everyday mathematics.
Room 6C, Upper Level, San Diego Convention Center
James Tanton, Mathematical Association of America

SATURDAY, JANUARY 13
10:00 AM - 10:50 AM
MAA Interactive Lecture for Students and Teachers
Mathematics to the rescue - how to fold a tie.
Room 6C, Upper Level, San Diego Convention Center
Presenters:
James Tanton, MAA

11:00 AM - 12:30 PM
SIGMAA on Math Circles for Students and Teachers
Math Wrangle
Room 6D, Upper Level, San Diego Convention Center
Organizers:
Ed Keppelmann, University of Nevada Reno
Phil Yasskin, Texas A&M University

1:00 PM - 2:30 PM
SIGMAA on Math Circles for Students and Teachers (SIGMAA MCST) Special Presentation
Math Circle Demonstration
Room 6D, Upper Level, San Diego Convention Center
Organizers:
Alessandra Pantano, University of California Irvine
Amanda Serenevy, Riverbend Community Math Center

RELATED EVENTS
MAA General Contributed Paper Session on Outreach, I
Room 28D, Upper Level, San Diego Convention Center
Wednesday January 10
10:15 am - 10:40 am

MAA General Contributed Paper Session on Outreach, II
Room 28E, Upper Level, San Diego Convention Center
Thursday January 11
10:15 am - 11:55 am

The Impact of Math Teachers' Circles on Persistence, Confidence, and Implementation of Inquiry-based Learning for K-12 Teachers.
Thursday January 11
10:30 am
Rita M Patel, College of DuPage, Glen Ellyn, IL
Amanda Harsy, Lewis University
Dave Klanderman, Trinity Christian College

Exhibit Hall
Wednesday 12:15 pm - 5:30 pm
Thursday 9:30 am - 5:30 pm
Friday 9:30 am - 5:30 pm
Saturday 9:30 am - 12:00 pm

MAA MINICOURSE
How to Run Successful Math Circles for Students and Teachers
(Preregistration required)
Wednesday January 10
2:15 pm - 4:15 pm
Room 28B, Upper Level, San Diego Convention Center

Friday January 12
1:00 pm - 3:00 pm
Room 28B, Upper Level, San Diego Convention Center

Presenters:
Jane Long, Stephen F. Austin State University and National Association of Math Circles
Brianna Donaldson, American Institute of Mathematics
Gabriella Pinter, University of Wisconsin-Milwaukee
Diana White, University of Colorado Denver and National Association of Math Circles