Thursday, January 17
1:00 pm - 3:00 pm: MAA Mini Course: How to Run Successful Math Circles for Students and Teachers, Part A

Friday, January 18
10:40 am - 10:55 am: Math Enrichment program for underserved 4th and 5th graders
1:40 pm - 1:55 pm: Math Circles of Inquiry
2:40 pm - 2:55 pm: PROMYS Math Circles and PROMYS Math Circles Girls
1:00 pm - 5:15 pm: MAA Session on It's Circular: Conjecture, Compute, Iterate
5:30 pm - 6:30 pm: SIGMAA on Math Circles for Students and Teachers Business Meeting
6:30 pm - 8:00 pm: Math Circles Reception

Saturday, January 19
8:00 am - 10:00 am: MAA Mini Course: How to Run Successful Math Circles for Students and Teachers, Part B
10:30 am - 12:00 pm: Math Wrangle
11:00 am - 11:15 am: Girls Math Club: Connecting Female Math Majors with Middle School Girls
1:00 pm - 2:20 pm: Math Circle Demonstration

MAA Mini course
How to Run Successful Math Circles for Students and Teachers
{Pre-registration required}
Part A: Thursday, 1:00 pm - 3:00 pm
Part B: Saturday, 8:00 am - 10:00 am
Holiday Ballroom 2, Second Floor, Hilton

Presented by:
Jane H. Long, Stephen F. Austin State University, Gabriella Pinter, University of Wisconsin Milwaukee, and Diana White, University of Colorado Denver and National Association of Math Circles

Participants should be well on their way to starting their own Math Circle after this course. This course is sponsored by SIGMAA on Math Circles for Students and Teachers (SIGMAA-MCST).
FRIDAY, JANUARY 18
1:00 pm - 5:15 pm
MAA Session on It’s Circular: Conjecture, Compute, Iterate
Room 306, BCC
Organizers:
Thomas J. Clark, Dordt College and James Taylor, Math Circles Collaborative of New Mexico

1:00 pm
Grids in the Circle
Gabriella A. Pinter and Istvan G. Lauko
University of Wisconsin-Milwaukee

1:20 pm
Nim and Jim - Solving Combinatorial Games through Data Collection, Conjecture, and Proof
Paul Ellis, Manhattanville College; Sam Coskey, Boise State University, and Japheth Wood, Bard College

1:40 pm
“Math Taught the Right Way”: Curriculum from Overseas, Adapted to the U.S. Educational Reality and Implemented Parallel to the Berkeley Math Circle
Zvezdelina Stankova, University of California at Berkeley and Berkeley Math Circle

2:00 pm
The Number Machine
Thomas J Clark, Dordt College

2:20 pm
The Combinatorics of SET (the card game)
Maya Schwartz, Bard College

2:40 pm
Bulgarian Solitaire - Understanding combinatorial patterns through data collection, conjecture, and proof
Samuel Coskey, Boise State University; Paul Ellis, Manhattanville College; and Japheth Wood, Bard College

3:00 pm
The Community Alliance for Mathematics
Aris Winger, Georgia Gwinnett College/Mathematicians of Color Alliance; Brianna Donaldson, American Institute of Mathematics/Math Teachers’ Circle Network; Mark Saul, Julia Robinson Mathematics Festival; Tatiana Shubin, San Jose State University/Alliance of Indigenous Math Circles; and Diana White, University of Colorado Denver/National Association of Math Circles

3:20 pm
Minimum Volume between a Surface and its Tangent Plane
Philip B. Yasskin, Texas A&M University

3:40 pm
Mel Currie, Baltimore, Maryland

4:00 pm
What I Learned About Sharing Long After Kindergarten
Matthew G Jones, Cal State University Dominguez Hills

4:20 pm
Equidistant Dot on Grid
Rebin Abdulkader Muhammad, Ohio University

4:40 pm
The Coastal Paradox
T. T. Craig, Coastal Carolina University

5:00 pm
My favorite math circle: Zendo
Philip DeOrsey, Westfield State University

FRIDAY, JANUARY 18
10:40 am - 10:55 am
A math enrichment program for underserved 4th and 5th grade students.
Room 305, BCC
Ryan Roger Moruzzi Jr., University of California, Riverside

1:40 pm - 1:55 pm
Math Circles of Inquiry
Room 339, BCC
Ryan Ganter, St. John Fisher College

2:40 pm - 2:55 pm
PROMYS Math Circles and PROMYS Girls
Room 303, BCC
Li-Mei Lim, Boston University

5:30 pm - 6:30 pm
SIGMAA on Math Circles for Students and Teachers Business Meeting
Room 306, BCC
Thomas Clark, Dordt College

SATURDAY, JANUARY 19
10:30 am - 12:00 pm
Math Wrangle
Room 322, BCC
Ed Keppelmnn, University of Nevada Reno
Phil Yasskin, Texas A & M University

11:00 am - 11:15 am
Girl’s Math Club: Connecting Female Math Majors With Middle School Girls
Room 303, BCC
Lauren L Rose, Bard College

1:00 pm - 2:30 pm
Math Circle Demonstration
Room 322, BCC
Sarah Bryant, Dickinson College
Lance Bryant, Shippensburg University

1:00 pm - 2:30 pm
Math Wrangle
Room 322, BCC
Ed Keppelmnn, University of Nevada Reno
Phil Yasskin, Texas A & M University

11:00 am - 11:15 am
Girl’s Math Club: Connecting Female Math Majors With Middle School Girls
Room 303, BCC
Lauren L Rose, Bard College

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