Discover Math Circles!

Math Circle Events at MathFest 2017

Wednesday, July 26
6:00 pm – 8:00 pm: Grand Opening Exhibit Hall Reception (Exhibit Hall)

Thursday, July 27
9:00 am – 5:00 pm: Visit the NAMC Booth (Exhibit Hall)
1:00 pm – 3:15 pm: SIGMAA-MCST Themed Contributed Paper Session Part A:
        My Favorite Math Circle Problem (Salon C-1 & C-2)
4:30 pm – 5:30 pm: SIGMAA-MCST Business Meeting (Salon C-1 & C-2)
6:00 pm – 8:00 pm: Math Circles Social Gathering (Location TBA), Sponsored by the
        Math Teachers' Circle Network, SIGMAA-MCST, and NAMC

Friday, July 28
9:00 - 5:00 pm: Visit the NAMC Booth (Exhibit Hall)
1:00 pm – 3:55 pm: SIGMAA-MCST Themed Contributed Paper Session Part B:
        My Favorite Math Circle Problem (Salon C-1 & C-2)

Saturday, July 29
9:00 am – 12:30 pm: Visit the NAMC Booth (Exhibit Hall)
1:00 pm – 1:50 pm: Special Presentation for High School Students, Parents, and
        Teachers: Those Infamous Exploding dots (Continental Ballroom B)
2:00 pm - 3:30 pm: SIGMAA-MCST Math Circle Demonstration (Salon C-1 & C-2)
4:00 pm - 5:30 pm: SIGMAA-MCST Math Wrangle (Salon C-1 & C-2)

Interested in Mathematical Outreach?

Stop by the NAMC/SIGMAA-MCST Booth and learn about quick and fun outreach activities!

For additional Math Circle resources visit these websites:

* National Association of Math Circles (NAMC): http://mathcircles.org
* NAMC on Facebook: http://www.facebook.com/MathCircles
* SIGMAA-MCST: http://sigmaa.maa.org/mcst/
* Math Teachers' Circle (MTC) Network: http://mathteacherscircle.org

Want to try out different mathematical outreach activities and talk to Math Circle leaders about their experiences? Visit the Math Circle booth, jointly hosted by the National Association of Math Circles (NAMC) and the Mathematical Association of America's Special Interest Group on Math Circles for Students and Teachers (SIGMAA-MCST).

SIGMAA-MCST Contributed Paper Session
My Favorite Math Circle Problem, Part A

Part A:

Thursday,
July 27th
1:00 – 3:15 pm
Location:
Salon C-1 & C-2

Organizer:
Bob Klein, *Ohio University*

A Math Circle is an enrichment experience that brings mathematics professionals in direct contact with pre-college students and/or their teachers. Circles foster passion and excitement for deep mathematics. Papers in this session highlight either a favorite problem from a Math Circle, or a favorite collection of problems used together for one or two sessions of a Math Circle. They describe the launch of the problem, what happens during the circle, and ways of "Wrapping up," even if that doesn't involve answering the problem.

See abstracts online, http://www.mathcircles.org/maa-mathfest-2017

1:00 – 1:15 pm	Superfactorials and Perfect Squares Diana White, *University of Colorado Denver and NAMC*
1:20 – 1:35 pm	Mathematical Ciphers: A Math Teachers' Circle Day Long Workshop David Crombecque, *University of Southern California*
1:40 – 1:55 pm	Divide Your Cake (and Eat It, Too!) Mike Janssen, *Dordt College*
2:00 – 2:15 pm	Islamic Geometric Pattern Rebin Muhammad, *Ohio University*
2:20 – 2:35 pm	The Dissemination of Gossip Parth Sarin, *A&M Consolidated High School* Philip B. Yasskin, *Texas A&M University*
2:40 – 2:55 pm	Bulgarian Solitaire Douglas O'Roark, *Math Circles of Chicago*
3:00 – 3:15 pm	Frogs and Toads Peter Tingley, *Loyola University Chicago*

SIGMAA-MCST Contributed Paper Session
My Favorite Math Circle Problem, Part B

Part B:

Friday,
July 28th
1:00 – 3:55 pm
Location:
Salon C-1 & C-2

Organizer:

Bob Klein, *Ohio University*

A Math Circle is an enrichment experience that brings mathematics professionals in direct contact with pre-college students and/or their teachers. Circles foster passion and excitement for deep mathematics. Papers in this session highlight either a favorite problem from a Math Circle, or a favorite collection of problems used together for one or two sessions of a Math Circle. They describe the launch of the problem, what happens during the circle, and ways of "Wrapping up," even if that doesn't involve answering the problem.

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1:00 – 1:15 pm	Great Problems, Great Sessions, Great Circles
	Brianna Donaldson, *American Institute of Mathematics*
1:20 – 1:35 pm	Exploring Patterns in Technology
	Jonas Meyer, *Loras College*
	Amanda Matson, *Clarke University*
1:40 – 1:55 pm	Problems with a Twist
	Gabriella Pinter, *University of Wisconsin-Milwaukee*
2:00 – 2:15 pm	Recognizing Group Structure in Shapes and Images
	Angela Antonou, *University of St. Francis*
	Mallory Johnson, *University of St. Francis*
2:20 – 2:35 pm	Middle School Math Circle Problems
	Monika Kiss, *Saint Leo University*
	Rachel Curio, *Saint Leo University*
2:40 – 2:55 pm	Roman Numeral Poker: Hilarity Did Ensue
	J. Lyn Miller, *Slippery Rock University*
3:00 – 3:15 pm	Mathematical Explorations of Musical Scales
	Cory Johnson, *California State University, San Bernardino*
	Jeremy Aikin, *California State University, San Bernardino*
3:20 – 3:35 pm	Quilting Squares in a Math Circle
	Katie Haymaker, *Villanova University*
3:40 – 3:55 pm	Math Unbounded: Math Circles without Borders
	Bob Klein, *Ohio University*

Join us for these additional SIGMAA-MCST events on Saturday, July 29th

1:00 – 1:50 pm *Continental* *Ballroom B*	Special Presentation for High School Students, Parents and Teachers: *Those Infamous Exploding Dots: A preview to Global Math Week* James Tanton, *Mathematical Association of America*
2:00 – 3:30 pm *Salon* *C-1 & C-2*	Math Circle Demonstration Paul Zeitz, *University of San Francisco*
4:00 – 5:30 pm *Salon* *C-1 & C-2*	Math Wrangle Doug Ensley, *Mathematical Association of America* Ed Keppelmann, *University of Nevada, Reno* Phillip B. Yasskin, *Texas A&M University* Paul Zeitz, *University of San Francisco*

More details at http://www.mathcircles.org/maa-mathfest-2017