

SIGMAA MCST Activities at the Joint Math Meetings 2012

Math Circle Demonstration I

- Thursday, January 5, 3:00-4:00 Back Bay Ballroom B, Sheraton
- Presenters: Bob and Ellen Kaplan
- 71 session attendees
- Bob and Ellen presented a math circle centering on whether it is possible to tile a rectangle with non-congruent squares.

SIGMAA MCST Business Meeting

- Friday, January 6, 8:00 to 9:50 PM
- Officers present: Tatiana Shubin, Jim Tanton, Sam Vandervelde, Phil Yasskin, Ed Keppelmann, Diana White, Amanda Serenevy, Japheth Wood

Math Circle Demonstration II

- Saturday, January 7, 9:00-10:00 Back Bay Ballroom B, Sheraton
- Presenters: Jim Tanton
- about 50 session attendees
- Jim presented a math circle investigating arrays of dots, patterns in multiplication tables, and algebra that falls out of the patterns that emerge.

Math Circle Demonstration III

- Saturday, January 7, 10:00-11:00 Back Bay Ballroom B, Sheraton
- Presenters: Sam Vandervelde
- 16 participating high school students
- about 40 other session attendees
- Sam presented a math circle for high school students about the probability of randomly selecting numbers with certain digits in various positions, as well as probabilities of selecting numbers with various properties in Pascal's Triangle.

Poster and Activity Session

- Saturday, January 7, 1:00-4:00 Salon E, 4th Floor, Marriott
- Organizer: Phil Yasskin
- about session attendees
- Poster Activity Session Abstracts and some handouts available at <http://sigmaa.maa.org/mcst/PosterActivitySession>

- 14 Activities/Posters presented
- 36 people attended as presenters
- 32 people attended as participants

Math Wrangle

- Saturday, January 7, 2:00-3:00 Back Ballroom B, 2nd Floor Sheraton
- Organizers: Steve Dunbar and Tatiana Shubin
- 6 student participants
- about 55 session attendees