

# Sonia Kovalevsky Math Day for Girls: Math at Play

Rose-Hulman Institute of Technology

Saturday, May 4, 2019

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|-------------|----------------------------------------------------------|
| 9:00-9:20   | Welcome and Introductions (AWM Students)                 |
| 9:25-10:05  | <b>“Can You Turn ALL the Lights Off?”</b> –Dr. Minevich  |
| 10:10-10:50 | <b>“Rock Paper Scissors Showdown”</b> –Dr. McSweeney     |
| 10:55-11:35 | <b>“Coloring Puzzles from Ramsey Theory”</b> – Dr. Riehl |
| 11:40-12:10 | Discussion                                               |
| 12:15-1:15  | Lunch and Games                                          |
| 1:15-1:30   | Clean Up and Break                                       |
| 1:30-2:10   | <b>“Outwitting the Lying Oracle”</b> – Dr. Williams      |
| 2:15-2:55   | <b>“Rubik’s Cube Math”</b> – Dr. Butske                  |
| 3:00-3:15   | Feedback and Closing Remarks                             |