

Sonia Kovalevsky Math Day for Girls: **Mathematics Hiding in Your Hobbies**

Rose-Hulman Institute of Technology

Saturday, February 22, 2020

9:00-9:20	Welcome and Introductions (AWM Students)
9:25-10:10	Mathematics of Origami – Dr. Riehl
10:15-11:00	Building Structures Mathematically in Minetest, a Minecraft-Like Game – Dr. Claassen
11:05-11:50	Probability of Card Games – Dr. Boulware
11:50-12:20	Discussion of Women in STEM (College and Careers)
12:20-1:30	Lunch and Games
1:30-1:40	Group Photo
1:40-2:25	Holding it Together with String: The Mathematics of Weaving – Dr. Holden
2:30-3:15	Cryptography – Dr. Butske
3:15-3:30	Feedback and Closing Remarks