

Conference Schedule

The registration and all the talks will be in the 7800 York Road Building. There is a parking garage adjacent to the building (the Glen Garage). Parking is free on weekends. If you have registered online, you will find a printed nametag at the registration table. If you have not registered online, please visit the registration table and sign in. Please be sure to stay for the Prize Session at the end of the conference; there will be a raffle for all student participants with quadcopter drone, projector, Amazon Fire tablet, Raspberry Pi 3 starter kit, and Carcassonne Big Box board game.

9:00 – 10:00 Registration 7800 York Road building, 3rd floor lobby

10:00 – 11:00 Opening address Room 205

The Mathematics of Google

Dr. Hal Schenck, Department of Mathematics, Iowa State University

11:05–11:25 Student talks

How UAVs Affect Escalation In Game Theory Room 126

Kathryn Dura, University of Pennsylvania

Odd Coverings of Subsets of the Integers Room 124

Kristina Marotta, Cedar Crest College

11:30-11:50 Student talks

Mathematical Modeling of Plankton Behavior: Photosynthesis Room 126

Claire Lubash, University of Delaware

Graph Edge Coloring Room 124

Chunxu Ji, University of Delaware

12:00–1:00 Plenary session Room 205

Mathematics Careers in Government, Industry, and Academia

1:00–2:00 Lunch 7800 York Road building, 3rd floor lobby

Those who have registered in advance can pick up box lunches at 1:00 pm in the registration area. If any lunches remain by 1:25, those who have not registered in advance may pick up the available boxes.

2:00–3:00 Afternoon plenary address Room 205

Circles and Numbers

Dr. Alex Kontorovich, Rutgers University

3:00-3:30 Snacks and professional networking 7800 York Road building, 3rd floor lobby

3:30–4:05 Student talks

Baltimore Humane Society AML Project Room 126

Kristian Brown, Ashley Imus, Derek Margulies, Nicholas Strick, and Jennifer Weiler, Towson University

3:30–3:50 Student talks

Rendezvous Search on the Edges of Platonic Solids Room 124

Elanor West, Johns Hopkins University

3:55–4:15 Student talks

Multi-Site Reaction Rate Constant Evaluation Room 124

Lucas Onisk, University of Delaware

4:05–4:25 Open slot Room 126

4:30–4:45 Prize session Room 205