

Conference Schedule, May 1, 2021 (via Zoom)

The Zoom link for the conference has been sent to all registered participants. For the student talk sessions, participants will be assigned to Breakout Room 1 or 2 based on their preference.

9:30 – 9:55 Networking (participants can join any time to meet each other and have an informal conversation)

9:55 – 10:00 Opening remarks Plenary Session

10:00 – 11:00 Opening address Plenary Session

A Radical Approach to Mathematics

Dr. Will Traves, US Naval Academy

11:10 – 11:30 Student talks

Fixing Sets of Groups Breakout Room 1

Ummul Aymen, James Della-Giustina, Erin Stales, Jason Riley, Towson University

Optimal Recovery Methods of Three-Times Differentiable Functions Breakout Room 2

Ryan Budahazy, Towson University

11:35 – 11:55 Student talks

Hypothesis Classes and Their Littlestone and Threshold Dimensions Breakout Room 1

Ramon Suris-Rodriguez, Towson University

Modeling Crime with Stochastic Processes Breakout Room 2

Adedoyin Adegbuyi, Ryan Budahazy, Cody Stephenson, and Margaret Trimpin, Towson University

12:00 – 1:00 Plenary session Plenary Session

Mathematics Careers in Government, Industry, and Academia

1:00 – 2:00 Lunch time You can disconnect

2:00 – 2:20 Student talks

Differential Privacy of a Randomized Learning Algorithm Breakout Room 1

Julianne Nierwinski, Towson University

The Relationship Between Race/Ethnicity and Suicide Deaths in New York Between 2003-2017

Teresa Doley, Montgomery College Breakout Room 2

2:30 – 2:50 Student talks

Privacy and Accuracy of Machine Learning Algorithms Breakout Room 1

Avery Schweitzer, Towson University

SOA Case Study: Building a Parametric Insurance Product Breakout Room 2

Cole Evans, Drew Mason, Mary Sacco, Towson University

3:00 – 3:20 Student talks

Shattering Sets with Ellipses and Their Generalizations Breakout Room 1

Richard Soucy, Towson University

Developing Parametric Insurance in Ambernia and Palomina Breakout Room 2

Xinran Hua, Anmol Limbu, Jean-Carl Mamaril, Towson University

3:30 – 4:30 Closing address Plenary Session

Should You Believe It? Numbers in the News

Dr. Rebecca Goldin, George Mason University

4:40–5:00 Student talks

Machine Learning with Tetris Breakout Room 1

Carter Montgomery, Towson University