

Conference Schedule, April 22, 2023

The **registration** and all the talks will be in the 7800 York Road Building (**YR**). The Glen Parking Garage is connected to the 3rd floor of the building by a walking bridge. **Parking** is free on weekends.

Those who join via **Zoom** can use Zoom link distributed via e-mail to access the talks in YR 205. To access talks in room YR 121, please go to Breakout Room 1 in that Zoom link and to access talks in YR122, please, go to Breakout Room 2. The icon with breakout rooms is located in the bottom line of the screen after you join Zoom.

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. Please, pick up the **raffle card** with a number at the registration desk (one number per student). The prizes are a Keurig K-Slim Coffee Maker, Syma X400 Mini Drone, R & R Games Hanabi Card Game, SET: The Family Game of Visual Perception, and books "99 Variations on a Proof" and "Do Not Erase: Mathematicians and Their Chalkboards".

To access **Wi-Fi**, connect to "tu-openaccess" (no password required).

In your conference folders, you will also find the **feedback forms**, which you can complete and return to one of the organizers or to the box that will be available at the end of the conference in YR 205.

9:00 – 10:00 Registration YR, 3rd floor lobby

10:00 – 11:00 Opening address YR 205

Permutation Entropy in Time Series

Dr. Megan Martinez, Ithaca College

11:15 – 11:35 Student talks

Using Optimal Transport Theory to Optimize Decision Making on How Sleep Quality and Activity Influence the Outcome of Pregnancy YR 121

Kim Ngan (Luna) Huynh, Stevenson University

Knot corner-mosaics and tile numbers YR 122

Ezra Aylaian, University of Maryland, College Park

11:45 – 12:05 Student talks

Biological Micro Locomotion YR 121

William Hunter, Towson University

12:15 – 1:15 Plenary session YR 205

Mathematics Careers in Government, Industry, and Academia

1:15 – 2:20 Lunch YR, 3rd floor lobby

Those who registered on or before April 21 can pick up box lunches at 1:15 pm in the registration area. If any lunches remain by 1:35, those who have not registered in advance may pick up the available boxes.

Continued on the reverse side

2:20 – 2:40 Student talks

Invariant groups with a positive action-genus

YR 121

Megan Doring, Towson University

**Methods of Parameter Identification and their Applications
to In Vivo HIV Drug Models**

YR 122

Matthew Lastner and Mac Luu, University of Maryland, Baltimore County

2:40 – 3:20 Snacks and professional networking

3rd floor lobby

3:20 – 4:20 Closing address

YR 205

When Mathematics Says No: The Aesthetics of Impossibility

Dr. Susan Goldstine, St. Marys College of Maryland

4:20 – 4:40 Prize session

YR 205

Zoom link

<https://towson-edu.zoom.us/j/97434741870?pwd=aTd1d2x2UTkzanV1TFZ5R3h5a3Z2dz09>