Student Talk Schedule

Thomas Gosnell Hall, Room 1154

1:30 - 1:42 Poppy Immel, RIT
   Star tracking Algorithm for Fast Autonomous Spacecraft Navigation

1:45 - 1:57 Amber Dubill, RIT
   Developing a Mathematical Model for Satellite Orbit Determination

2:00 - 2:12 Jesse Clark-Stone, Clarkson University
   Optimal Design of a Chemical Remediation System for Water Resources

2:15 - 2:27 Huiwen Zhang, Nazareth College
   Multifractals and the Market

2:30 - 2:42 Nicole Hill, RIT
   Asymptotic Approximant Solution to the Sakiadis Problem

2:45 - 2:57 Marissa Meehan, SUNY Brockport
   Divisibility Tests as Dynamical Systems

Thomas Gosnell Hall, Room 1174

1:30 - 1:42 Sabrina Tomassetti, SUNY Oswego
   Challenging Baloglou’s Conjecture

1:45 - 1:57 Cherlyse Alexander-Reid, SUNY Brockport
   How Much Cream Cheese Can One Have on a Bagel?

2:00 - 2:12 Kyler Anderson & Jonathan Backus, SUNY Oswego
   Counting Consistent Matrices Over a Finite Field

2:15 - 2:27 Jennifer Johannes, SUNY Brockport
   When is the Surface Area of Revolution Equal to the Volume on Every Interval?

2:30 - 2:42 Joanna McKinney, SUNY Oswego
   MacDonald Polynomials for Fillings of Integer Partition Diagrams
Thomas Gosnell Hall, Room 1300

1:30 - 1:42  Stephanie Allen, SUNY Geneseo  
*Change-point Detection Methods for Body Worn Video: Forecasting & Histogram Comparison*

1:45 - 1:57  John Steiner, SUNY Brockport  
*Maximal Moment Distributions of Character Sums*

2:00 - 2:12  Gabrielle Angeloro, SUNY Geneseo  
*Cusp Density in Nested Octahedral Links*

2:15 - 2:27  Michelle Piwonski, SUNY Brockport  
*A New Bound for the Maximum Laplacian Eigenvalue of an Oriented Hypergraph*

2:30 - 2:42  Jenna Zomback, SUNY Geneseo  
*Coloured Unlinking*

Thomas Gosnell Hall, Room 2154

1:30 - 1:42  Joseph Currier, SUNY Brockport  
*Algebraic Methods for Solving Pell’s Equation*

1:45 - 1:57  Jessica Steidle, SUNY Geneseo  
*Modelling a Freeform Surface for Illuminating Mark Rothko’s Green on Blue*

2:00 - 2:12  Adam Krause, SUNY Brockport  
*L’Hospital’s Rule in the Case of Iterations of Functions when the Limit is Taken at a Fixed Point*

2:15 - 2:27  Marleah Roseman, SUNY Fredonia  
*Periodic Points of Tent Maps*

2:30 - 2:42  Christine Izyk, SUNY Brockport  
*The Second and the Third Significant Digit in Geometric Progressions*