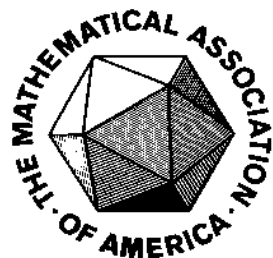


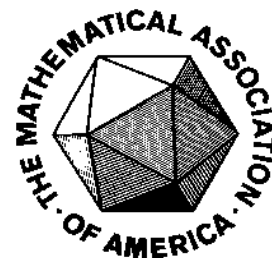
Student Contributed Paper Sessions



Eastern Pennsylvania and Delaware Section of
the Mathematical Association of America

Shippensburg University

November 18, 2017



Session I-A: Graduate Student Talks (DHC 102)

- 1:45 *Random Legendrian Knots: Preliminary Results*
Samantha Pezzimenti, Bryn Mawr College
- 2:05 *A Historical Survey on Estimating Oscillatory Singular Integral Operators*
Danielle Smiley, Bryn Mawr College

Session I-B: Graduate Student Talks (DHC 108)

- 1:45 *A Mathematical Model of The Middle East Respiratory Syndrome(MERS) in Saudi Arabia*
Khuloud Sharaf, Morgan State University
- 2:05 *Small Organisms Causing Big Problems: Modeling Heterosigma Akashiwo*
Nicholas Russell, University of Delaware
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Session I-C: Undergraduate Student Talks (DHC 202)

- 1:45 *The History of Leonhard Euler*
Sarah Kerdesky, James Lonnay, University of the Sciences
- 1:57 *Equal Circle Packing on Flat Klein Bottles - an REU project*
Quinn Minnich, Millersville University
- 2:09 *Predicting Outcomes of College Football Games*
Quyen Do, Millersville University
- 2:21 *A Blood-Brain Pharmacokinetic Model*
Joshua Larson, Millersville University

Session I-D: Undergraduate Student Talks (DHC 204)

- 1:45 *Tiles and Tessellations*
Kimmara Williams, Dominic Garcia, Conner Chee, University of the Sciences
- 1:57 *Wide and Latin Partitions*
Carol Yaracz, King's College
- 2:09 *Euler's Original Solution to the Basel Problem*
Jonathan Oster, Penn State Harrisburg
- 2:21 *Origami, Math and Science*
Supawadee Boonwoen, Penn State Harrisburg

Session I-E: Undergraduate Student Talks (DHC 206)

- 1:45 *Undrawable curve in the real world*
Yanlin Yang, Franklin & Marshall College
- 1:57 *Russell's Paradox*
Zihui Ni, Franklin & Marshall College
- 2:09 *The Geometry of Canaletto's French Ambassadors in Venice.*
Qing Ye, Franklin and Marshall College
- 2:21 *kAlgorithms in Computational Biology and Bioinformatics: Open Problems and Folding Algorithms*
Evan Rosa-Roseberry, Caitlyn McConnell, Daniela Reyes, University of the Sciences

Session I-F: Undergraduate Student Talks (DHC 208)

- 1:45 *Cantor and Hilbert's Hotel*
Steven Geiger, Zachary Friar, University of the Sciences
- 1:57 *Classification of Algebraically Defined Graphs by Girth*
Shannon Nicole Golden, Kutztown University
- 2:09 *Hyper Primes*
Jonathan Freaney, Elizabethtown College
- 2:21 *The Duodecimal System*
Stefan Hofmeister, Nick Sadowski, University of the Sciences
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