

Contributed Paper Sessions

Friday, March 25 * = student speaker

Time	Coffelt Session Chair: Thomas Dence	Gallery Session Chair: Drew Pasteur	Jones Session Chair: Adam Parker	Ohio Session Chair: David Singer
4:25-4:40	Niko Blankenship * Ashland University "A Different Look at March Madness"	M B Rao University of Cincinnati "Discrete Deconvolution Problems"	Alex Griffith * Wittenberg University "Stream Cipher Security and Register Taps"	Patrick Haggerty * Oberlin College "Intro to Ternary Transposition Sorting"
4:45-5:00	Thomas Dence Ashland University "Quadratic, cubic, and quartic residues modulo a prime"	Shelly McGee The University of Findlay "Error analysis of a 2 domain FD model"	Brian Harrison II * John Carroll University "From Primes to Polygons"	Benjamin Jakubowski* Oberlin College "Ternary Transposition Sorting Lower Bounds"
5:05-5:20	Donald Dottei * Ashland University "Baseball's Record Breaking Math"	Mohammad Ahmad * College of Wooster "NFL predictions using Artificial Neural Netw	Bob Short * John Carroll University "Generalizing the Collatz Conjecture"	Rebecca Uhlman * Oberlin College "Ternary Transposition Sorting Upper Bound"
5:25-5:40	Nikki Peterson * Ashland University "Sequences and Balanced Distributions"	Dustin Eisele * College of Wooster "Modeling Juror Decisions with Neural Network"	Mahmoud Rawashdeh Jordan University of Science and Technology "Minimal Matrix Representations of Turkowsky's Six- dimensional Lie Algebras"	Ann Triplett Mount Union College "Mathematical Curiosities of the 24 Game"
5:45-6:00	Alayna Ruggles * Ashland University "Weird Dice"	Bridget Kraynik * College of Wooster "How The Human Population Boom Affects Us"	Kevin Stoll * Baldwin Wallace College "Estimating Variance- Mean Mixtures of Normals"	Mark de Saint-Rat Miami University "Mars Hill or Katahidin Sunrise?"
6:05-6:20	Polly Widmer * Ashland University "To Be, or Not to Be, Dry!"	Jason Van Houten * College of Wooster "Neural Network Enzyme Specificity Prediction"	Ryan Yoder * Defiance College "Pythagorean Triangles and Differences"	David Cusick Marshall University "No Matter How You Slice It, ..."

Contributed Paper Sessions

Saturday, March 26 *= student speaker

Time	Coffelt Session Chair: Matt Metzel	Gallery Session Chair: Brian Shelburne	Jones Session Chair: Phil Blau	Ohio Session Chair: Jay Kerns
10:25-10:40	Molly Eickholt * Ohio Northern University "Simplifying Ford Links"	Gregory Urbanski * Cleveland State University "An Intuitive Look at the Poincare Conjecture"	Jonathan Bartles * Case Western Reserve University "On a conjecture of Erdos and Straus about Egyptian Fractions"	Matthew Alexander * Youngstown State University "Not The Usual Triangle Inequality"
10:45-11:00	Kristin Elix * Ohio Northern University "Maximizing The Product of Two Multi-Digit Numbers"	Thomas Hern Bowling Green State University "Now I Understand Exhaustion!"	Kara Biltz * Ashland University "Probability and the Platonic Solids in Yahtzee"	David Bertleff * Youngstown State University "Modeling PGA Golfer Earnings"
11:05-11:20	David Mangus * Ohio Northern University "Ways in Which I was Wrong"	Joseph Glaser * Cleveland State University "Intro to Tensors in Physics"	Robert Fraser * & Michael Steward * Case Western Reserve University "A Banding Result for Totally Nonnegative Matrices of Class 3."	Lisa Curll * Youngstown State University "A Differential Equation Model for Stochastic Riparian Ecosystems"
11:25-11:40	Kristine Rosendale Ohio Northern University "Development of a First-Semester Transition Course for Freshmen"	David Meel Bowling Green State University "Projects in Elementary Linear Algebra"	Kevin Johns * Xavier University "Frieze Groups"	Alyssa Krumpak * Youngstown State University " Gender Differences In High School Students' Drug Use"