

	Afternoon						
Time	Carnegie 100	Carnegie 114	Carnegie 115	Carnegie 119	Carnegie 120	Carnegie 200	Carnegie 219
1:30-2:30	Keynote Speaker: Álvaro Lozano-Robledo (Life Science Building 001) Mathematical Dragons						
2:40-2:45	Conference Photo						
2:50-3:20	Obed Domson Sampling from Non-Smooth Composite Distributions	Daniel Hobbs A Dominant Balance Series Solution to the Rayleigh Collapse	Chidera Ugbonta Mathematical Modeling of Generalized Damped Nerve Equation and Its Analytical Solution	Andrew Pendleton Can you hear the aspect ratio of a drum?	Juan Ricardo Rosas Mendoza Reconstruction Theorems and Non-commutative Algebraic Geometry	Kody Angell Oh NAR! The Importance of Exogenous Inputs in Autoregressive Neural Networks	Kory Pollicove Hochschild Cohomology of Quasi-Complete Intersections in Positive Characteristic
3:25-3:55	Justus Ademuyiwa Properties and Applications of the Cubic Transmuted Two-Parameter Lindley Distribution	Thomas Aldredge The Effect of Scaled Dispersion on Bourgain-type Bilinear Estimates for the Korteweg-de Vries Equation	Keara Walsh Modeling the Threshold: A Mathematical Approach to the Thermal-Photochemical Transition in Retinal Damage	Piyali Chakraborty Self adjoint extension of Moment operator, Unitary group and Spectral pair	Mithun Padinhare Veettil Locally Integer Polynomial Functions	Abdulla Toleugazin Semi-supervised Classification in an Undirected Multilayer Networks with Groupwise Subspace Structure	Dorian Kalir Frobenius Endomorphisms for Koszul Complexes
3:55-4:10	Coffee Break (Carnegie 110/111)						
4:10-4:40	Trevor Scheuing Measuring Brownian motion self-intersections		Obed Amo A Graph-Fused Lasso Regression Approach for Modeling Spatial Heterogeneity in Real Estate Markets	Gideon Mensah Banson Investigating Prospective Teachers' Reasoning About Multiplication of Rational Numbers: Insights from a Problem-Solving Context	Gal Yehuda On the growth spectrum of hyperbolic groups	Hari Dahal Damped Proximal Augmented Lagrangian Method for Weakly Convex problems with Convex constraints	Cory Eckert Formal Group Laws, the Lazard Ring and Complex Oriented Cohomology Theories
4:45-5:15	Sucharitha Dodamgode Maximum Likelihood Estimation for the Dirichlet Distribution	Amara Eze A SELF-ADAPTIVE INERTIAL MANN-TYPE ALGORITHM FOR COMPLEX OPTIMIZATION PROBLEMS WITH APPLICATIONS TO IMAGE RECONSTRUCTION	Deepak Bastola Deep Learning Outperforms Traditional Machine Learning Methods in Predicting Childhood Malnutrition: Evidence from Survey Data	Anis Munfarikhatin Measurement Properties of a Likert-Scale Instrument Using the Rasch Partial Credit Model: A Pilot Study	Jon Kim Moduli of (b, c)-weighted stable marked cubic surfaces	Shankhadeep Mondal Designing Optimal Duals for Reliable Reconstruction in Erasure-Prone Systems	Trang Quach Representations of braid groups
5:20-5:50	Youssef Djellouli The Rigidity of Random Point Processes	Toluwani Okunola Efficient Edge Preservation in Large-Scale Linear and Nonlinear Inverse Problems	Randolph Russell Final hour price dynamics predict overnight return magnitude but not direction in U.S. equities	Calistus Simiyu PROSPECTIVE TEACHERS' UNDERSTANDING OF DIVISION INVOLVING RATIONAL NUMBERS	Naftoli Kolodny Intro to Topological Algebra via the Symmetric Group on the Natural Numbers	Odirachukwunma Ugwu Monotone Bilevel Variational Inequalities: Algorithm and Convergence Analysis with Applications	Alex LaJeunesse Homotopical Galois Theory
6:00-8:00	Dinner (Carnegie 110/111)						