Spring 2017 - Contributed Talk Schedule

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Teachers’ Masters Capstone Projects in Secondary and College Mathematics
Session Organizer, Keary Howard, SUNY Fredonia

1:10-1:35 Danielle Czerwinski, SUNY Fredonia, Feared Fractions and Dreaded Decimals: A Study of College Students’ Preferences Between Fractions and Decimals.

1:40-2:05 Jacob Brostrom, SUNY Fredonia, The Effectiveness of Teaching Constructions Using Straightedge and Compass Versus Using Technology

2:10-2:35 Nicole Sottilaro, SUNY Fredonia, Sig Figs and Scientific Notation Confusion: Misunderstandings in Significant Figures and Scientific Notation

2:40-2:55 Elyssa Adams, SUNY Fredonia, The Efficacy of Video-Based Learning in the Common Core Algebra Classroom.

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1:10-1:35 Chad Mangum, Niagara University, New Realization of Twisted Toroidal Lie Algebras

1:40-2:05 Sam Northshield, SUNY Plattsburgh, Small Denominators and Their Corresponding Numerators

2:10-2:35 Christopher Baltus, SUNY Oswego, Central Collineations: Straightedge Constructions and Matrix Algebra

2:40-2:55 Hossein Behforooz, Utica College, Linear Algebra Properties of Magic Squares

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1:10-1:35 Yozo Mikata, Bechtel Corporation, 1D Phononic Metamaterials: Infinitely Periodic and Finitely Periodic Materials

1:40-2:05 Gordan Craig, Université Laval and Mérici College, The Unsteady Invisible Hand

2:10-2:35 Amanda Mangum, Niagara University, Comparing Clustering Algorithms on Porcine Atherosclerotic Data

2:40-2:55 James Parkus, RIT, Trajectories around Lagrange Points in the Restricted Three-Body Problem

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1:10-1:35 Joseph Kolacinski, Elmira College, A Mathematical Comparison of Open and Closed Primaries through Fairness Criteria

1:40-2:05 Darren Narayan, RIT, Research with Undergraduates: Towards a Characterization of Graphs with Distinct Betweenness Centralities

2:10-2:35 Olympia Nicodemia, SUNY Geneseo, Calculus: Closing the Equity Gap