

SoCal-Nevada MAA Fall Sectional

CONTRIBUTED TALKS SCHEDULE

Room 1 - Morning (Geometry/Topology)

- 10:45 - 11:05 **Siki Wang** (Caltech), *Fast Multiplication Algorithm on a Once-Punctured Torus*
(Cancelled)
- 11:15 - 11:35 **Michael Williams** (CSU Channel Islands), *Inverted Cassini Surfaces*

Room 2 - Morning (Analysis)

- 10:45 - 11:05 **Louis Burns** (Pomona College), *Sharp equivalence constants between standard deviation and maximum slope*
- 11:15 - 11:35 **Jiahui Yu** (Pomona College), *Convergence of ideals and modules*

Room 3 - Morning (Applied Math)

- 10:45 - 11:05 **Claire Chang** (Harvey Mudd College), *Fairness and Manipulability of Ranking Methods in Sports*
- 11:15 - 11:35 **Chelsea Huynh and Michael Strand** (UC Irvine), *Block-missing data in linear systems: An unbiased stochastic gradient descent approach*

Room 1 - Afternoon (Math Ed.)

- 1:15 - 1:35 **Brian P Katz (BK)** (CSU Long Beach), *Why should that convince me?*
- 1:45 - 2:05 **Melinda Schulteis** (Concordia University Irvine), *Raising Calculus to the Surface Providing Students with a Deeper Understanding of Multivariable Calculus*
- 2:15 - 2:35 **Ji Y. Son** (CSU Los Angeles), *Modeling First: Teaching Introductory Statistics as a Celebration of Functions*

Room 2 - Afternoon (Number Theory/Combinatorics)

- 1:15 - 1:35 **Julia Carrigan** (Occidental College), *Bijective Proofs of Word Avoidance Identities*
- 1:45 - 2:05 **Nikolay Maslov** (CSU San Bernardino), *Reverse Mathematics of Kőnig's Lemma and Ramsey Theorem for Pairs*
- 2:15 - 2:35 **Lily Natasha Wartman** (Scripps College), *Geometric characteristics of symmetric numerical semigroups in the Kunz cone*

Room 3 - Afternoon (Applied Math)
--

- 1:15 - 1:35 **Pi Danger James** (CSU Channel Islands), *Mathematically Modeling Poi (Or How to Create Really Cool Spinning Lights)*
- 1:45 - 2:05 **Meha Patel and Chupeng Zheng** (UC Irvine), *Mean Imputation and Stochastic Coordinate Descent for Linear Systems with Missing*