

6th Annual
Women in Mathematics Symposium

Saturday, October 19, 2013
University of California, Riverside

Schedule

Surge Building 285

9:00 – 9:30 Registration, coffee and continental breakfast

Talk Session I

Surge Building 284

9:30 – 9:50 Amanda Ruiz, Harvey Mudd College
Shi arrangements, parking functions, and mixed graphs

10:00 – 10:20 Gizem Karaali, Pomona College
Supercharacters and Their Superpowers

10:30 – 10:50 Cindy Tsang, UCSB
Galois module structure of abelian extensions

Surge Building 268

9:30 – 9:50 Tatiana V. Tatarinova, USC
Reaching the Holy Grail of Biogeography – from Genome to Home Village

10:00 – 10:20 Jacquelyn Rische, UCI
Regularization of languages by learners: a mathematical framework

10:30 – 10:50 Helen Parks, UCSD
Using math in industry: Implementing a smarter graphics algorithm

Surge Building 285

10:50 – 11:15 Coffee break

Keynote Address

Surge Building 284

11:15 – 12:15 Vyjayanthi Chari, UCR
Posets of Partitions, Row Shuffles and Schur positivity

Surge Building 285

- 12:15 – 1:15 Lunch
1:30 – 2:15 Breakout sessions (Various rooms)
2:15 – 2:45 Coffee and cookies

Talk Session II

Surge Building 284

- 2:45 – 3:05 Johanna Hennig, UCSD
Locally finite Lie algebras in positive characteristic
- 3:15 – 3:35 Lisa Schneider, UCR
Modules with Demazure Flags and Character Formulae: Part 1
- 3:45 – 4:05 Peri Shereen, UCR
Modules with Demazure Flags and Character Formulae: Part 2
- 4:15 – 4:35 Katie Walsh, UCSD and USD
Patterns and Stability in the Coefficients of the Colored Jones Polynomial

Surge Building 268

- 2:45 – 3:05 Cynthia V. Flores, UCSB
On a decay property of solutions to the Benjamin-Ono equation
- 3:15 – 3:35 Samantha Xu, UCLA
Invariant Measures and Hamiltonian PDEs
- 3:45 – 4:05 Maree Jaramillo, UCSB
On Fundamental Groups and Smooth Metric Measure Spaces

Surge Building 285

- 4:45 – 5:45 Wine and cheese social