

South Eastern Regional Meeting On Numbers XXIX

Saturday and Sunday, April 2–3, 2016

Schedule

Saturday, April 2

9:15 **Coffee and refreshments**

9:45 [ISAT 159] **Bob Hough** (Institute of Advanced Study), *The minimum modulus problem for covering systems*

11:00 [ISAT 159] **Darren Glass** (Gettysburg College), *Counting arithmetical structures on graphs*

11:30 [ISAT 159] **Robert Grizzard** (University of Wisconsin, Madison), *Counting units of bounded degree and height*

12:00 [ISAT 159] **Michael Mossinghoff** (Davidson College), *Thunder over Liouville*

12:30 **Lunch**

2:30 [ISAT 159] **Jaclyn Lang** (University of California, Los Angeles), *Images of Galois representations*

3:30 **Coffee**

4:00 [ISAT 159] **David Zureick-Brown** (Emory University), *Sporadic torsion on elliptic curves*

4:30 [ISAT 148] **Max Alekseyev** (George Washington University), *A computational method for solving exponential-polynomial Diophantine equations*

[ISAT 159] **Howard Skogman** (State University of New York at Brockport), *Ramanujan graphs arising as weighted covering graphs*

5:00 [ISAT 148] **Anne M. Ho** (Coastal Carolina University), *Counting Artin-Schreier curves over finite fields*

[ISAT 159] **Hui Xue** (Clemson University), *When can products of two eigenforms equal?*

Sunday, April 3

8:30 **Coffee and refreshments**

9:00 [ISAT 159] **Kate Stange** (University of Colorado, Boulder), *Visualising the arithmetic of imaginary quadratic fields*

10:15 [ISAT 159] **Andrew Obus** (University of Virginia), *The local lifting problem for A_4*

10:45 **Coffee**

11:00 [ISAT 148] **Genesis Alberto** (James Madison University / Howard University), *The division polynomials for the Holm curve and their properties*

[ISAT 159] **Angel Kumchev** (Towson University), *Recent progress in the Waring-Goldbach problem*

11:30 [ISAT 148] **Kevin Sheng** (Emory University), *The Cohen-Lenstra heuristics and Soundararajan's thesis*

[ISAT 159] **Cindy Tsang** (University of California, Santa Barbara), *Galois module structure of the square root of the inverse different in Abelian extensions*

12:00 [ISAT 148] **Codie Lewis** (James Madison University), *Numerical data regarding the Cohen-Lenstra heuristics for class groups of real quadratic fields*

[ISAT 159] **Nathan McNew** (Towson University), *Numbers divisible by a large shifted prime*

12:30 **End of Conference**