

Submittee: Katherine Stange
Date Submitted: 2014-05-21 13:10
Title: Women in Numbers 3
Event Type: Conference-Workshop

Location:
Banff International Research Station, Banff, Alberta, Canada

Dates:
April 21-25th, 2014

Topic:
Research in Number Theory

Methodology:
Participants were 42 women researchers in number theory, from graduate students to senior faculty. // Participants formed research groups of 4-6 members (mixing senior and junior) and worked on specific research projects. // Leaders were designated, who directed work prior to, during and after the conference. // During the weeklong conference, there were 4 research talks, a talk about mathematics in the media, and introductory and progress talks from each group. // There was copious groupwork time during the week. // There were also discussions about issues pertaining to women in number theory as a community, and time to network and build community.

Objectives Achieved:
All the groups made significant research progress during the week. // We expect to publish a proceedings volume containing original research papers from each of the 9 groups, as well as some additional survey papers. // Many new networking and mentorship connections were formed and plans were made for efforts to support the women in number theory community over the next few years.

Scientific Highlights:
The proceedings volume will be expected to appear in a few years. // We heard from all nine groups that significant progress was made and we expect 9 strong research papers.

Organizers:
Long, Ling, Mathematics, Iowa State University // Pries, Rachel, Mathematics, Colorado State University // Stange, Katherine, Mathematics, University of Colorado

Speakers:

Note: If title is missing, it is because it was an untitled group intro/progress report. We did not request abstracts. // *Bouw, Irene University Ulm // *Ciperiani, Mirela The University of Texas at Austin // *Cojocaru, Alina Carmen University of Illinois at Chicago // *Davis, Rachel Purdue University // *Deines, Alyson University of Washington // *Eischen, Ellen The University of North Carolina at Chapel Hill // *Elias, Yara McGill University // *Fuselier, Jenny High Point University // *Haensch, Anna Max Planck Institute for Mathematics My Summer at NPR // *Ho, Wei Columbia University // *Lalin, Matilde Universit  de Montr al // *Lang, Jaclyn University of California at Los Angeles // *Lauter, Kristin Microsoft Research // *Mantovan, Elena California Institute of Technology // *Mirza, Bahare McGill University // *Nebe, Gabrielle RWTH Aachen // *Newton, Rachel University of Leiden The transcendental Brauer group of a product of CM elliptic curves // *Ozman, Ekin University of Texas-Austin Twisting Modular Curves // *Park, Jennifer Massachusetts Institute of Technology // *Pierce, Lillian Hausdorff Center for Mathematics, Bonn // *Srinivasan, Padmavathi Massachusetts Institute of Technology // *Stojanoska, Vesna MIT/MSRI // *Swisher, Holly Oregon State University // *Tu, Fang-Ting National Center of Theoretical Sciences in Taiwan Automorphic Forms on Shimura Curves of Genus Zero // *Vincent, Christelle Stanford University // *Viray, Bianca Brown University // *Wickelgren, Kirsten Georgia Institute of Technology //

Links:

<http://www.womeninnumbertheory.org>
