

Symposium on Discrete Mathematics

Program

TU Berlin, August 17-18, 2012

Friday, August 17th

- 09:00 – 09:15 Registration
- 09:15 – 09:20 Welcome
- 09:20 – 10:20 *Angelika Steger*: On Boltzmann samplers and properties of combinatorial structures
- 10:20 – 10:45 Coffee break
- 10:45 – 11:15 *Oliver Friedmann*: A subexponential lower bound for the Least Recently Considered rule for solving linear programs and games
- 11:15 – 11:45 *Cordian Riener*: Effects of symmetry in polynomial optimization
- 11:45 – 14:00 Lunch
- 14:00 – 15:00 *Michael Krivelevich*: Hamiltonicity games – recent advances
- 15:00 – 15:30 *Reto Spöhel*: General Deletion Lemmas via the Harris Inequality
- 15:30 – 16:00 Coffee break
- 16:00 – 17:00 *Günter M. Ziegler*: Projectively Unique Polytopes (dedicated to Victor Klee)
- 18:00 – 20:00 Guided boat trip through historical Berlin
- 20:00 – end Workshop Dinner (in walking distance from TU Berlin and boat landing site)

Saturday, August 18th

- 09:00 – 10:00 *Sylvia Boyd*: Finding 2-Factors Closer to TSP in Cubic Graphs
- 10:00 – 10:30 Coffee break
- 10:30 – 10:45 Award of Rado Prize
- 10:45 – 11:15 Talk by Rado Prize Winner
- 11:15 – 11:45 *Juliane Dunkel*: The Gomory-Chvátal Closure: Complexity, Polyhedrality, and Extensions
- 11:45 – 12:15 *Heidi Gebauer*: Combinatorial Games on Graphs
- 12:15 – 13:30 Lunch
- 13:30 – 14:15 Meeting of the *Fachgruppe Diskrete Mathematik*
- 14:15 – 14:45 *Christian Reiher*: t.b.a.
- 14:45 – 15:15 *Andreas Wiese*: Assigning Sporadic Tasks to Unrelated Parallel Machines
- 15:15 – 15:45 Coffee break
- 15:45 – 16:45 *Michel X. Goemans*: Approximating the Steiner tree problem using linear programming and matroids