

Symposium „Diskrete Mathematik“ May 14 – 15, 2010
Boltzmann Lecture Hall,
Erwin Schrödinger Institut,
Boltzmannngasse 9, 1090 Wien

Program:

Friday, May 14, 2010

09:00-09:15 Registration

09:15-09:20 Opening

09:20-10:20 Ehud Friedgut (Hebrew University, Jerusalem)
Intersecting families of permutations, an algebraic approach

Coffee break

10:45-11:15 Thomas Rothvoß (EPFL Lausanne)
An improved LP-based approximation for Steiner tree

11:15-11:45 Sebastian Stiller (TU Berlin)
Network creation games with exponential payoff functions

Lunch break

14:00-15:00 Friedrich Eisenbrand (EPFL Lausanne)
Diameter of polyhedra: limits of abstraction

15:00 Award of the Richard Rado Prize
15:15-15:45 Lecture of the Rado Prize Winner

15:45-16:15 Konstantinos Panagiotou (MPI Saarbrücken)
Orientability of random hypergraphs

16:15-16:45 Raman Sanyal (UC Berkeley)
Orbitopes

Meeting Fachgruppe Diskrete Mathematik

19:00 Heuriger
„Weingut Feuerwehr Wagner“ (<http://www.feuerwehrwagner.at/>)
Grinzingerstraße 53
1090 Wien



Saturday, May 15, 2010

- 09:00-10:00 Maria Chudnovsky (Columbia University, New York)
Large cliques and stable sets excluding paths and antipaths
- Coffee break
- 10:30-11:00 Philipp Sprüssel (Universität Hamburg)
On the homology of infinite graphs with ends
- 11:00-11:30 Rüdiger Stephan (UCL Louvain)
Extended formulations in connection with perfect matchings, T-cuts, and Gomory-Hu trees
- 11:30-12:00 Julia Böttcher (Universidade de São Paulo)
Random restrictions for problems from extremal combinatorics
- Lunch break
- 14:00-15:00 Christos Athanasiadis (University of Athens)
Random walks on hyperplane arrangements
- Coffee break
- 15:30-16:30 Jeong Han Kim (NIMS Daejeon)
Complete description of early giant components in random graph $G(n,p)$