

12th Combinatorial Optimization Workshop



2008

Friday, 11 January

Chair: *Rolf Möhring*

08:30–09:15 *Fritz Eisenbrand* Integer Programming and Number Theory

09:15–09:45 *Julia Pap* Recognizing Conic TDI Systems is Hard

09:45–10:15 *Johannes Hatzl* Combinatorial Properties of a Domination Problem with Parity Constraints

COFFEE BREAK

Chair: *Jack Edmonds*

10:45–11:15 *Richard Karp* How Hard are the NP-hard Problems?

11:15–11:45 *Peter Gritzmann* Optimal Wire Ordering and Spacing in Low Power Semiconductor Design

11:45–12:15 *Marco Di Summa* Network Formulations of Mixed-Integer Programs

LUNCH/SKI BREAK

Chair: *Denis Naddef*

17:15–18:00 *Andrea Lodi* Computation in Integer Programming

18:00–18:30 *Tom McCormick* Strongly Polynomial Algorithms for Bi-Submodular Minimization

18:30–19:00 *Michael Ritter* Optimal Flight Scheduling at Airports

19:00–19:30 *Ulrich Pferschy* ILP-Based Algorithms for a Nurse Scheduling Problem