# 12<sup>th</sup> Combinatorial Optimization Workshop



2008

## Wednesday, 9 January

#### Chair: Paolo Toth

- 08:30–09:15 François Margot Symmetry in Integer Programming
- **09:15–09:45** Ugo Pietropaoli A New Algorithm for the Stable Set Problem in Claw-free Graphs
- 09:45–10:15 Claudio Gentile Gear Composition and the Stable Set Problem

#### COFFEE BREAK

- Chair: Martin Grötschel
- 10:45–11:15 Klaus Truemper A Linear SAT Algorithm for Certain 2CNF/3CNF Formulas
- 11:15–11:45 Annegret Wagler From Experimental Data to Biological Models
- 11:45–12:15 Alexander Bockmayr Integer Programming and Metabolic Networks

### LUNCH/SKI BREAK

- Chair: Claude Lemaréchal
- 17:15–18:00 Franz Rendl Semidefinite Relaxations for Integer Programming
- 18:00–18:30 Kurt Anstreicher A Computable Characterization of the Convex Hull of Low-Dimensional Quadratic Forms
- **18:30–19:00** Miguel Anjos Solving Minimum k-Partition Problems Using Semidefinite Programming
- 19:00–19:30 Ismael de Farias Branch-and-Cut for Separable Piecewise Linear Optimization