Bonn Workshop on Combinatorial Optimization

Tuesday, November 4th, 2008

Chair: Rainer Burkard

09.00 − 09.30   Satoru Fujishige
Theory of principal partitions revisited

09.30 − 10.00   Uwe Zimmermann
Partitioning of labeled sequences, graph coloring and the sorting of rolling stock problem: a short survey.

10.00 − 10.30   Britta Peis
Approximation algorithms for degree bounded lattice polyhedra

10.30 − 11.00   COFFEE BREAK

Chair: Takao Asano

11.00 − 11.30   Éva Tardos
Price of anarchy and learning

11.30 − 12.00   Laurence A. Wolsey
LS-LIB: a library of tools for solving production planning problems

12.00 − 12.30   Adam Letchford
Inequalities for the $0 − 1$ knapsack polytope: a survey and new developments

12.30 − 12.40   *Conference Photo*

12.40 − 14.00   LUNCH BREAK

Chair: Gerhard Woeginger

14.00 − 14.30   Jaroslav Nešetřil
Many facets of dualities

14.30 − 15.00   György Turán
Hypercube partitions

15.00 − 15.30   Lionel Pournin
From spheres to spheropolyhedra: generalized distinct element methodology and algorithm analysis

15.30 − 16.00   COFFEE BREAK

Chair: Manfred Padberg

16.00 − 16.30   S. Thomas McCormick
A polynomial algorithm for weighted abstract flow

16.30 − 17.00   Endre Boros
Quadratic unconstrained binary optimization and its applications

17.00 − 17.30   Stephan Held
Time-cost tradeoff problems in chip design

17.45 −   Arithmeum tour