

COLUMN GENERATION 2008 RATION

Aussois, France, June 17-20, 2008

Tuesday, June 17

19:00 Welcome dinner (cold buffet)

Wednesday, June 18

| | | |
|-------|------------------|--|
| 8:00 | Breakfast | |
| 9:00 | D. Klabjan | <i>Parallel primal-dual algorithm with column generation</i> |
| 9:30 | J. van den Broek | <i>A column generation approach for the post enrolment course timetabling problem of the ITC</i> |
| 10:00 | S. Irnich | <i>A new branch-and-price algorithm for the traveling tournament problem</i> |
| 10:30 | Coffee break | |
| 11:00 | B. Hollis | <i>Integrating vehicle routing, vehicle scheduling and crew scheduling</i> |
| 11:30 | K. Haase | <i>Annual vacation planning for the crew of a public transportation company</i> |
| 12:00 | D. Pothoff | <i>A column generation based heuristic for train driver rescheduling</i> |
| 12:30 | Lunch | |
| 14:00 | A. Frangioni | <i>Computational studies about stabilization in column generation</i> |
| 14:30 | Z. Akca | <i>Optimizing location, routing and scheduling decisions under capacity restrictions</i> |
| 15:00 | G. Desaulniers | <i>Branch-and-price-and-cut for the split delivery VRPTW</i> |
| 15:30 | Coffee break | |
| 16:00 | M. Christiansen | <i>A branch-and-price method for an inventory routing problem in the LNG business</i> |
| 16:30 | D. Feillet | <i>Branch and price for the capacitated arc routing problem with profits</i> |
| 17:00 | F. Engineer | <i>Shortest path based column generation on large networks with many resource constraints</i> |
| 17:30 | A. Caprara | <i>Column generation approaches to railway optimization problems in Italy</i> |
| 19:00 | Dinner | |

Thursday, June 19

| | | |
|-------|--------------------------|--|
| 8:00 | Breakfast | |
| 9:00 | M. van den Akker | <i>Integrated gate and bus assignment at Amsterdam airport Schiphol</i> |
| 9:30 | E. Uchoa | <i>A new dual stabilization method for column generation</i> |
| 10:00 | A. Metrane | <i>An improved primal simplex algorithm and column generation for degenerate linear programs</i> |
| 10:30 | Coffee break | |
| 11:00 | D. Villeneuve | <i>The Repair Module- A solver for airline short-term planning</i> |
| 11:30 | A. Ceselli | <i>Column generation for the split delivery vehicle routing problem</i> |
| 12:00 | J.M. Valério de Carvalho | <i>Exact algorithms for the two dimensional cutting stock problem</i> |
| 12:30 | Lunch | |
| 14:00 | Excursion | |
| 19:00 | Gala dinner | |

Friday, June 20

| | | |
|-------|--------------------|--|
| 8:00 | Breakfast | |
| 9:00 | I. Novak | <i>A dynamic reduce and generate approach for airline crew scheduling</i> |
| 9:30 | H.M. Afsar | <i>Weighted acyclic di-graph partitioning by balanced disjoint paths</i> |
| 10:00 | M. Poggi de Aragao | <i>Extended formulations for the scheduling problem: column generation</i> |
| 10:30 | Coffee break | |
| 11:00 | T. Garaix | <i>QoS optimization for an on-demand transportation system via a fractional linear objective function</i> |
| 11:30 | E. Rönnberg | <i>An all-integer column generation methodology for set partitioning problems</i> |
| 12:00 | F. Vanderbeck | <i>Towards a generic branch-and-price solver: Progress report</i> |
| 12:30 | Lunch | |
| 14:00 | L.-M. Rousseau | <i>A column generation based large neighborhood search algorithm for the VRPTW</i> |
| 14:30 | R. Jans | <i>Classification of Dantzig-Wolfe reformulations for binary mixed integer programming problems</i> |
| 15:00 | S. Røpke | <i>Disjunctive cuts in branch-and-cut-and-price algorithms</i> |
| 15:30 | Coffee break | |
| 16:00 | T.K. Ralphs | <i>A framework for decomposition in integer programming</i> |
| 16:30 | D. Huisman | <i>A branch-and-price approach for a ship routing problem with multiple products and inventory constraints</i> |
| 17:00 | A. Dohn | <i>Manpower routing and scheduling with temporal dependencies between tasks</i> |
| 17:30 | S. Spoorendonk | <i>Clique inequalities applied to the VRPTW</i> |
| 19:00 | Dinner | |

Saturday, June 21

| | | |
|------|-----------|--|
| 8:00 | Breakfast | |
|------|-----------|--|