



Conference Dinner

Monday

- 19:00h *Welcome Drink*
- 19:30h **Thomas A. H. Schöck**
(Chancellor of the University
Erlangen-Nuremberg)
Welcome Speech
- George Nemhauser**
Host of the evening
- ❖ *Menu Starter*
- Louis Billera** – The Beginnings
- ❖ *Entrée*
- Rolf Möhring** – Bob and MPS
- ❖ *Main Dish*
- Mike Jünger** – The early days of cplex
- ❖ *Dessert*
- Closing of the Dinner
- 23:00h Bustransfer to Hotels

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Am Weichselgarten 9
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What a pivot - workshop honouring the 65th birthday of Bob Bixby

September 26 – 28, 2010

Kollegienhaus Erlangen,
Universitätsstraße 15





Program

Sunday

09:00h-13:30h	Sightseeing in Nuremberg
14:00h-14:15h	Alexander Martin, Bill Cook Opening of the Workshop
14:15h-15:00h	Louis Billera How many faces can a polytope have? One hundred years and still counting.
15:00h-15:45h	Coffee Break
15:45h-16:15h	Tom McCormick Primal-Dual Algorithms for Weighted Abstract Flow and Weighted Abstract Cut
16:15h-16:45h	Stephan Held Safe Lower Bounds for Graph Coloring
16:45h-17:15h	Arvind Rajan An Overview of some Mathematical Models in Fixed Income
17:15h-17:45h	Eva Lee A journey in optimization – from elephants to dolphins

Program

Monday

09:00h-10:00h	David Applegate Using large-scale computation to estimate the Beardwood-Halton-Hammersley TSP constant
10:00h-10:30h	Coffee Break
10:30h-11:00h	Sanjeeb Dash Cuts from asymmetric disjunctions for mixed-integer polyhedra
11:00h-11:30h	Hans Mittelmann Computing Bounds in Combinatorial Optimization
11:30h-12:00h	Rolf Möhring When do Congestion Games have a Pure Nash Equilibrium?
12:00h-13:30h	Lunch Break
13:30h-14:30h	Martin Grötschel Combinatorial Online Optimization and Logistics
14:30h-15:00h	Coffee Break
15:00h-15:30h	Bob Fourer Approaches to Near-Optimally Solving MIPs
15:30h-16:00h	Tom Magnanti Optimizing Maintenance Scheduling for Modular Systems
16:00h-16:30h	Zong Hao Gu Computational Progress in MIP
16:30h-17:00h	Ralf Borndörfer, Thorsten Koch 20 years of MIP and no progress
18:30h	Bustransfer to the Conference Dinner

Program

Tuesday

09:00h-10:00h	Donald Wagner Graphs, Matroids, and Flows
10:00h-10:30h	Coffee Break
10:30h-11:00h	Collette Coullard Localization
11:00h-11:30h	Daniel Espinoza From Branching to Cutting (and back again), a local cuts approach
11:30h-12:00h	Andrea Lodi A Feasibility Pump for nonconvex MINLP
12:00h-13:30h	Lunch Break
13:30h-14:00h	Satoru Fujishige The LP-Newton method for linear programming
14:00h-14:30h	Ed Rothberg Barrier is from Mars, Simplex from Venus
14:30h-15:15h	Coffee Break
15:15h-16:15h	Bill Cunningham Matroids, Graphs, and 3-Connectivity
16:15h-16:30h	Closing of the Workshop