

Bonn Workshop on Combinatorial Optimization

Celebrating Bill Cook's 65th Birthday

Thursday, October 20, 2022

Chair: Laurence Wolsey

09:00 – 10:00 **Sanjeeb Dash**
Cutting planes from extended formulations

10:00 – 10:30 Coffee break

Chair: Gerhard Reinelt

10:30 – 11:00 **Robert Weismantel**
The Cook et al. proximity question: Improvements and future directions

11:00 – 11:30 **Stefan Hougardy**
How fast is k -Opt?

11:30 – 12:00 **Marcos Goycoolea**
New integer programming ideas for solving large-scale RCPSPs

12:00 – 14:00 Lunch break

Chair: Giovanni Rinaldi

14:00 – 15:00 **Jens Vygen**
From TSP to vehicle routing — theory and practice

15:00 – 15:30 **Karen Aardal**
Branching on general disjunctions based on lattice information

15:30 – 16:00 Coffee break

Chair: Britta Peis

16:00 – 16:30 **Petra Mutzel**
Quantum annealing versus digital computing: An experimental comparison

16:30 – 17:00 **Zoltán Szigeti**
Recent results on packing arborescences

17:00 – 17:30 **Martin Nägele**
Congruency-constrained optimization