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HAUSDORFF
RESEARCH INSTITUTE
FOR MATHEMATICS

universität**bonn**

SUMMER SCHOOL

to the Trimester Program
Combinatorial Optimization

Organizers: András Frank, Satoru Iwata, Jochen Könemann, Jens Vygen
Date: September 21-25, 2015
Location: Hausdorff Research Institute for Mathematics (HIM), Bonn

This school provides an introduction to some of the main topics of the trimester program; the lectures are mainly directed at graduate students and junior researchers.

The following speakers will each give a sequence of lectures, which will be complemented by daily problem and discussion sessions.

- Eden Chlamtac (Ben Gurion University)
  Lift-and-Project Methods and Integrality Gaps

- James Lee (University of Washington)
  Semi-Definite Extended Formulations and Sums of Squares

- Ruta Mehta (Georgia Tech)
  Nash Equilibrium Computation in Two Player Games

- Kazuo Murota (University of Tokyo)
  Discrete Convex Analysis

- Zoltan Szigeti (INP Grenoble)
  On Connectivity Problems

Call for participation: Financial support for PhD students and postdocs is available.
Please send applications (including a letter of intent, a CV, and a letter of recommendation)
using the online application form at **http://www.him.uni-bonn.de/summerschool-co-2015/**.
The deadline for applications is: May 15, 2015.