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/](http://www.him.uni-bonn.de/summerschool-co-2015/). The deadline for applications is: May 15, 2015.