SUMMER SCHOOL ON

Combinatorial Optimization

Organizers: Jochen Könemann, Jens Vygen
Date: August 20 – 24, 2018
Location: Research Institute for Discrete Mathematics, Bonn

In this summer school, leading experts present recent progress on classical combinatorial optimization problems, utilizing a variety of new techniques. Each of the five invited speakers teaches a mini-course spanning three lectures.

- **Jaroslaw Byrka** (*Wroclaw*)
  Hard variants of k-median clustering

- **Neil Olver** (*Amsterdam*)
  Designing networks under uncertain demands

- **Laura Sanità** (*Waterloo*)
  Approximation algorithms for tree augmentation

- **Ola Svensson** (*Lausanne*)
  Approximation algorithms for the traveling salesman problem

- **László Végh** (*London*)
  Strongly polynomial algorithms and generalized flows

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.hcm.uni-bonn.de/combinatorial-optimization-2018/](http://www.hcm.uni-bonn.de/combinatorial-optimization-2018/). The deadline for applications is: April 30, 2018.