Online summer school

Call for Participation:

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School on Modern Directions in Discrete Optimization
Dates: September 13 - 17, 2021
Venue: online, hosted by the Hausdorff Research Institute for Mathematics (HIM)
Part of the HIM trimester in Discrete Optimization

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*Lecturers:

Michał Pilipczuk (Warsaw University): Introduction to parameterized algorithms and applications in discrete optimization

Aaron Sidford (Stanford University): Introduction to interior point methods for discrete optimization

Ngoc Mai Tran (UT Austin): Tropical solutions to hard problems in auction theory and neural networks, semigroups and extreme value statistics

Rico Zenklusen (ETH Zürich): Approximation algorithms for hard augmentation problems

*Aims and Scope:

The school provides an introduction to some of the main topics of the trimester program on discrete optimization. The lectures will address the interface between tropical geometry and discrete optimization; recent developments in continuous optimization with applications to combinatorial problems; topics in approximation algorithms; and fixed parameter tractability. The lectures will be mainly directed towards PhD students and junior researchers.

Abstracts can be found here:
https://www.him.uni-bonn.de/fileadmin/him/Workshops/template_abstracts_him_School_Sept_I.pdf

Schedule can be found here:
https://www.him.uni-bonn.de/fileadmin/him/Workshops/template_schedule_him_School_Sept_I.pdf

Interested in attending the School?

Here is the link for the online (and free) registration!
https://www.him.uni-bonn.de/index.php?id=4847

This Summer School is part of the HIM trimester in Discrete Optimization
https://www.him.uni-bonn.de/programs/future-programs/future-trimester-programs/discrete-optimization/description/

Organizers: Daniel Dadush (Amsterdam), Jesper Nederlof (Utrecht), Neil Olver (London), Laura Sanità (Eindhoven), László Végh (London)