
Network Optimization INOC 2022

10th International Network Optimization Conference
Aachen, Germany, June 7–10, 2022
Proceedings

Editors

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Network Optimization (INOC 2022)
Proceedings of the 10th International Network Optimization Conference
Aachen, Germany, June 7–10, 2022

Series ISSN: 2510-7437

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OpenProceedings ISBN: 978-3-89318-090-5

Foreword

The International Network Optimization Conference (INOC) provides a forum for researchers in the broad field of network optimization to present and publish their latest results and ongoing research. INOC is the conference of the European Network Optimization Group (ENOG), a working group of EURO. The conference has been held biyearly since 2003. Previous editions were held in Paris (2003), Lisbon (2005), Spa (2007), Pisa (2009), Hamburg (2011), Tenerife (2013), Warsaw (2015), Lisbon (2017) and Avignon (2019).

Due to the COVID-19 pandemic the edition of 2021 was postponed to early summer 2022. INOC 2022 is held from 7 to 10 June 2022 at RWTH Aachen University in Aachen, Germany. The conference is organized by the research groups on Discrete Optimization and Combinatorial Optimization, affiliated with the Department of Mathematics and the Department of Computer Science.

INOC 2022 has two types of submissions, like in the previous editions: research papers (4-6 pages long) and extended abstracts (at most 2 pages). Out of 28 submitted research papers, 18 have been selected to be published in these proceedings. In addition, 55 (out of 64) extended abstracts have been selected to be presented at the conference.

Besides these contributions, three invited speakers have been invited to present their work in a plenary:

- Markus Leitner (VU Amsterdam, The Netherlands) on *Influence maximization in (social) networks*
- Anita Schöbel (Fraunhofer ITWM & TU Kaiserslautern, Germany) on *Robust optimization: Concepts, results and applications in public transportation networks*
- J. Cole Smith (Syracuse University, USA) on *The Current and Future Waves of Interdiction Models and Algorithms*

The International Network Optimization Conference would not exist without the assistance of many members of our community. We would like to thank the members of the steering committee for their valuable advice and all members of the program committee for the active participation in the review process. A big thank you goes to all members of our research groups, without their creativity and flexibility it would have been impossible to organize this conference in times of a pandemic. We would like to thank the sponsors for their (financial) contributions. And last but not least we are grateful to all participants who make this conference a place to come together and exchange.

Christina Büsing & Arie Koster

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