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Editors

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Foreword

This volume corresponds to the Special Issue dedicated to the International Network Optimization Conference (INOC 2019), held in Avignon, France, from June 12 to June 14, 2019. This volume contains 20 papers (6 pages long) that were subject to a review process, each of them corresponding to a presentation at the conference.

INOC conferences are organized biannually by the European Network Optimization Group (ENOG), a working group of EURO. The aim of this conference is to provide researchers from different areas of Operations Research, with the opportunity to present and discuss their results and research on the field of Network Optimization, in an inspiring and bridge building environment where fruitful ideas may flow freely. INOC 2019 is the 9th edition of this event and the second to take place in France. Previous editions were held in Lisbon (2017), Warsaw (2015), Tenerife (2013), Hamburg (2011), Pisa (2009), Spa (2007), Lisbon (2005) and Paris (2003). INOC 2019 was organized in Avignon, at the University of Avignon, in collaboration with the Laboratoire d'Informatique d'Avignon and the Laboratoire d'Informatique, de Robotique et de Microélectronique de Montpellier.

In INOC 2019 there were two types of submissions: full papers (4-6 pages long) and extended abstracts (1-2 pages long). We received a total of 28 full papers and 39 extended abstracts. After a peer-review process 21 full papers and 38 extended abstracts were accepted. The papers included in this volume correspond to 20 of the accepted full papers. In total, we had 58 contributed presentations. In addition, there were 3 invited plenary sessions

- “Scalable On-Demand Mobility Services” by Pascal Van Hentenryck (Georgia Tech, USA)
- “Hub Location Problems: Applications, Models and Solution Methods” by Hande Yaman (KU Leuven, Belgium)
- “Analyzing Network Robustness via Interdiction Problems” by Rico Zenklusen (ETH Zurich, Switzerland)

and two tutorials

- “Modern Branch-and-Cut-and-Price for Vehicle Routing Problems” by Ruslan Sadykov (Inria Bordeaux Sud-Ouest, France)
- “Linearization techniques for MINLP: recent developments, challenges and limits” by Sandra Ulrich Ngueveu (Toulouse INP, France)

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