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Karen Aardal · Laura Sanità (Eds.)

Integer Programming and Combinatorial Optimization

23rd International Conference, IPCO 2022
Eindhoven, The Netherlands, June 27–29, 2022
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Preface

This volume collects the 33 extended abstracts presented at IPCO 2022, the 23rd Conference on Integer Programming and Combinatorial Optimization, held during June 27–29, 2022, in Eindhoven (The Netherlands).

IPCO is under the auspices of the Mathematical Optimization Society, and it is an important forum for presenting the latest results on the theory and practice of the various aspects of discrete optimization. The first IPCO conference took place at the University of Waterloo in May 1990, and the Eindhoven University of Technology organized the 23rd such event. The conference had a Program Committee consisting of 15 members. In response to the Call for Papers, we received 93 submissions. Each submission was reviewed by at least three Program Committee members. Because of the limited number of time slots for presentations, many excellent submissions could not be accepted. The page limit for contributions to this proceedings was set to 14. We expect the full versions of the extended abstracts appearing in this Lecture Notes in Computer Science volume to be submitted for publication in refereed journals, and a special issue of Mathematical Programming Series B containing such versions is in process.

For the third time, IPCO had a Best Paper Award. The IPCO 2022 Best Paper Award was given to Gennadiy Averkov and Matthias Schymura for their paper On the maximal number of columns of a Δ -modular matrix. This year, IPCO was preceded by a Summer School held during June 25–26, 2022, with lectures by Shipra Agrawal (Columbia University), Shayan Oveis Gharan (University of Washington), and Stefan Weltge (TU Munich). We thank them warmly for their contributions. We would also like to thank

- the authors who submitted their research to IPCO;
- the members of the Program Committee, who spent much time and energy reviewing the submissions;
- the expert additional reviewers whose opinions were crucial in the paper selection;
- the members of the Local Organizing Committee, who made this conference possible;
- the Mathematical Optimization Society and in particular the members of its IPCO Steering Committee, Oktay Günlük, Jochen Könemann, and Giacomo Zambelli, for their help and advice;
- EasyChair for making paper management simple and effective; and
- Springer for their efficient cooperation in producing this volume and for financial support for the Best Paper Award.

We would further like to thank the following sponsors for their financial support: NETWORKS, DIAMANT, NWO, Eurandom, Cardinal Operations, Google, Gurobi, Mosek, and the Optimization firm.

March 2022

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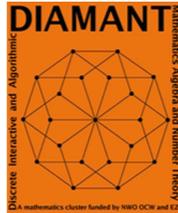
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