

# Preface

This volume contains the 33 extended abstracts presented at IPCO 2016, the 18th Conference on Integer Programming and Combinatorial Optimization, held June 1–3, 2016, in Liège, Belgium.

The IPCO conference is run under the auspices of the Mathematical Optimization Society. It is held every year, except for those in which the International Symposium on Mathematical Programming takes place. The conference is a forum for researchers and practitioners working on various aspects of integer programming and combinatorial optimization. The aim is to present recent developments in theory, computation, and applications in these areas. The first IPCO conference took place at the University of Waterloo in May 1990. More information on IPCO and its history can be found at [www.mathopt.org/?nav=ipco](http://www.mathopt.org/?nav=ipco).

This year, there were 125 submissions, of which one was withdrawn before the review process started. Each submission was reviewed by at least three Program Committee members, often with the help of external reviewers. After an initial electronic discussions using the EasyChair conference management system, the Program Committee met in Aussois in January 2016. After two long nights of thorough discussions, conscious and aware that there is no “right” or “wrong” when it comes to the ultimate decisions, the Program Committee selected 33 papers to be presented at IPCO 2016 and included in this volume.

We would like to thank all authors who submitted extended abstracts to IPCO 2016, the members of the Program Committee, who graciously gave their time and energy, the external reviewers, the members of the local Organizing Committee, the speakers of the summer school preceding IPCO (Michel Goemans, Nicolas Stier-Moses, and Juan-Pablo Vielma), the Mathematical Optimization Society and in particular the members of its IPCO Steering Committee, and — last but not least — the Aussois barkeeper for providing after-hours refreshment.

March 2016

Quentin Louveaux  
Martin Skutella

Integer Programming and Combinatorial Optimization  
18th International Conference, IPCO 2016, Liège,  
Belgium, June 1-3, 2016, Proceedings  
Louveau, Q.; Skutella, M. (Eds.)  
2016, XIII, 412 p. 33 illus., Softcover  
ISBN: 978-3-319-33460-8