Preface

This volume contains the 33 extended abstracts presented at IPCO 2013, the 16th Conference on Integer Programming and Combinatorial Optimization, held during March 18–20, 2013, in Valparaíso, Chile. IPCO conferences are sponsored by the Mathematical Optimization Society. The first IPCO conference took place at the University of Waterloo in May 1990. It is held every year, except for those in which the International Symposium on Mathematical Programming is held.

The conference had a Program Committee consisting of 14 members and was chaired by Michel Goemans. In response to the Call for Papers, we received 98 extended abstracts, of which three got withdrawn prior to the decision progress. Each submission was reviewed by at least three Program Committee members. Once the reviews were available, the decisions were made in late November and early December through conference calls and electronic discussions using the EasyChair conference management system. We had many high-quality submissions and ended up selecting 33 extended abstracts. This number is dictated by the fact that the conference has a single-stream of non-parallel sessions, as is the tradition at IPCO. We expect the full versions of the papers contained in this volume to be submitted for publication in refereed journals.

This year, IPCO was followed by a Summer School during March 21–23, 2013, with lectures by Samuel Fiorini on extended formulations in combinatorial optimization, and by François Margot on recent developments in cutting planes for mixed integer programming. For the first time, there was also a Poster Session held on the first evening of the conference.

We would like to thank:

– All authors who submitted extended abstracts of their research to IPCO
– The members of the Program Committee, who graciously gave plenty of their time and energy to select the accepted extended abstracts
– The reviewers whose expertise was instrumental in guiding our decisions
– The members of the Local Organizing Committee (chaired by José Correa), who made this conference possible.

January 2013

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José Correa
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