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Parameterized and Exact Computation

7th International Symposium, IPEC 2012
Ljubljana, Slovenia, September 12-14, 2012
Proceedings

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Preface

This volume contains the 23 papers presented at the *7th International Symposium on Parameterized and Exact Computation*, IPEC 2012 (ipec2012.isoftcloud.gr), held on September 12–14, 2012 as part of the ALGO 2012 (algo12.fri.uni-lj.si) conference in Ljubljana (Slovenia). IPEC is an international symposium series that covers research on all aspects of parameterized and exact algorithms and complexity. The workshop series started in 2004 in Bergen (Norway) as a biennial event, and in 2008 became an annual event. The first four workshops in the series used the five-letter acronym IWPEC (which was bulky and hard to pronounce), whereas from the fifth workshop onwards the catchy four-letter acronym IPEC has been used. Over the years IPEC has become very visible and it has grown into one of the main events for the algorithmics and complexity community.

The IPEC 2012 plenary keynote talks were given by *Andreas Björklund* (Lund University) on “The Path Taken for k -Path” and by *Dániel Marx* (MTA SZTAKI) on “Randomized Techniques for Parameterized Algorithms”. We had two additional invited tutorial speakers: *Michał Pilipczuk* (University of Bergen) speaking on lower bounds for polynomial kernelization, and *Saket Saurabh* (Chennai) speaking on subexponential parameterized algorithms.

Altogether IPEC 2012 received 37 extended abstracts. Each submission was reviewed by at least three reviewers. The Program Committee thoroughly discussed the submissions in electronic meetings using the EasyChair system, and selected 23 papers for presentation. We expect the full versions of the papers contained in this volume to be submitted for publication in refereed journals.

Many people contributed to the smooth running and the success of IPEC 2012. In particular our thanks go

- to all authors who submitted their current research to IPEC
- to all our reviewers and subreferees whose expertise flowed into the decision process
- to the members of the Program Committee who graciously gave their time and energy
- to the members of the Local Organizing Committee who made the conference possible
- to *Charalampos Tampakopoulos* for his web-hosting services via isoftcloud.gr
- to the EasyChair conference management system for hosting the evaluation process.

July 2012

Dimitrios M. Thilikos
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