Preface

The papers in this volume were selected for publication in the 18th Annual International Computing and Combinatorics Conference, held during August 20–22, 2012, in Sydney, Australia. The Annual International Computing and Combinatorics Conference is a forum for researchers working in the areas related to theoretical aspects of computing.

Typical topics covered by this conference include (but are not restricted to): algorithms, data structures, algorithmic game theory, online algorithms, automatas, languages, logic, computability, complexity theory, computational learning theory, knowledge discovery, cryptography, parallel and distributed computing, reliability and security, database theory, computational biology, computational algebra, computational geometry, graph drawing, information visualization, graph theory, communication networks and optimization.

This year the conference received 121 submissions. Each paper received a minimum of three independent expert reviews by the Program Committee members or reviewers. The reviews were thoroughly discussed by the Program Committee, and 50 papers were selected for presentation during the conference.

In addition to these presentations, the program also included three invited presentations by Kamal Jain, Joseph Mitchell, and János Pach.

We would like to express our gratitude for the authors of all papers submitted to COCOON 2012, the Program Committee members and the reviewers, for their contribution to making this conference possible.

Finally, we would like to acknowledge and thank the sponsors of this event, Google and National ICT Australia, for their generous support for COCOON 2012.

June 2012

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