

Preface

Welcome to the proceedings of the First IFIP International Conference on Topics in Theoretical Computer Science (TTCS 2015)!

This volume contains the revised papers presented at TTCS 2015. The conference was held during August 26–28, 2015, at the Institute for Research in Fundamental Sciences (IPM), Tehran, Iran.

For this first edition of TTCS, we received 48 submissions from 12 different countries. An international Program Committee comprising 45 leading scientists from 14 countries reviewed the papers thoroughly providing on average five review reports for each paper. We ended up accepting 11 submissions, which translates into less than 23 % of all submissions. This means that the process was highly selective and only very high quality papers were accepted.

The program also included three invited talks by the following world-renowned computer scientists:

- Prof. Anuj Dawar, Cambridge University, UK,
- Prof. Michael Fellows, Charles Darwin University, Australia, and
- Dr. Mehrnoosh Sadrzadeh, Queen Mary University of London, UK.

These invited lectures are also represented either by an abstract or by a full paper in the proceedings.

Additionally, the program featured four talks in the PhD Forum, which are not included in the proceedings.

We thank IPM, and in particular the Organizing Committee, for having provided various facilities and for their generous support. We believe that, thanks to their help, the conference organization was run smoothly and conveniently. We are also grateful to our program committee for their professional and hard work in providing expert review reports and thorough discussions leading to a very interesting and strong program. We also acknowledge the excellent facilities provided by the EasyChair system, which have been crucial in managing the process of submission, selection, revision, and publication of the manuscripts included in the proceedings.

November 2015

Mohammad Taghi Hajiaghayi
Mohammad Reza Mousavi

Topics in Theoretical Computer Science

The First IFIP WG 1.8 International Conference, TTCS

2015, Tehran, Iran, August 26-28, 2015, Revised

Selected Papers

Hajiaghayi, M.T.; Mousavi, M.R. (Eds.)

2016, XV, 179 p. 52 illus., Softcover

ISBN: 978-3-319-28677-8