36th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science

FSTTCS 2016, December 13–15, 2016, Chennai, India

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Preface

The 36th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2016), organized annually by the Indian Association for Research in Computing Science (IARCS), was held at the Chennai Mathematical Institute, Chennai, from December 13 to December 15, 2016.

The program consisted of 6 invited talks and 44 contributed papers. This proceedings volume contains the contributed papers and abstracts of invited talks presented at the conference. The proceedings of FSTTCS 2016 is published as a volume in the LIPIcs series under a Creative Commons license, with free online access to all, and with authors retaining rights over their contributions.

The 44 contributed papers were selected from a total of 112 submissions. We thank the program committee for its efforts in carefully evaluating and making these selections. We thank all those who submitted their papers to FSTTCS 2016. We also thank the external reviewers for sending their informative and timely reviews.

We are particularly grateful to the invited speakers: Tevfik Bultan (University of California, Santa Barbara), Fedor V. Fomin (University of Bergen), Holger Hermanns (Saarland University), Aleksander Mądry (Massachusetts Institute of Technology), Mooly Sagiv (Tel Aviv University), and Mikkel Thorup (University of Copenhagen) who readily accepted our invitation to speak at the conference.

There was one pre-conference workshop, *Rangoli of Algorithms* (RoA) and one post-conference workshop, *Algorithmic Verification of Real-Time Systems* (AVeRTS). We thank Fedor V. Fomin (University of Bergen), Krishna S. (IIT Bombay), Saket Saurabh (IMSc & University of Bergen), Roohani Sharma (IMSc), Ashutosh Trivedi (University of Colorado, Boulder), and Meirav Zehavi (University of Bergen), for organizing these workshops.

On the administrative side, we thank the entire Computer Science Group, Chennai Mathematical Institute (CMI), who put in many months of effort in ensuring excellent conference and workshop arrangements at the Chennai Mathematical Institute.

We would also like to thank G. Ramalingam, Madhavan Mukund, S. P. Suresh, Supratik Chakraborty and Venkatesh Raman for promptly responding to our numerous questions and requests relating to the organization of the conference.

We also thank the Easychair team whose software has made it very convenient to do many conference related tasks. Finally, we thank the Dagstuhl LIPIcs staff for their coordination in the production of this proceedings, particularly Marc Herbstritt who was very prompt and helpful in answering our questions.

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