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Preface

The present volume contains the post-proceedings of the second IPM International Symposium on Fundamentals of Software Engineering (FSEN), Tehran, Iran, April 17–19, 2007. This event, FSEN 2007, was organized by the School of Computer Science at the Institute for Studies in Fundamental Sciences (IPM) in Iran, in cooperation with the ACM SIGSOFT and IFIP WG 2.2, and was additionally supported by the University of Tehran, Sharif University of Technology, and the International Scientific Meetings Office (ISMO). This symposium brought together researchers and practitioners working on different aspects of formal methods in software engineering. FSEN 2007 covered many aspects of formal methods, especially those related to advancing the application of formal methods in the software industry and promoting their integration with practical engineering techniques.

A truly international program committee of top researchers from 23 different academic institutes in 9 countries selected the technical content of this symposium. We received a total of 73 submissions, out of which the PC selected 22 as regular papers and 8 as short papers to be published in the post-proceedings, and 6 papers accepted for poster presentations at the symposium. Each submission was reviewed by at least 3 independent referees, for its quality, originality, contribution, clarity of presentation, and its relevance to the symposium topics. We had 93 registered participants at the symposium from 12 countries.

We had 4 distinguished keynote speakers at FSEN 2007: James C. Browne, University of Texas at Austin, Texas, USA, on *Unification of Verification and Validation Methods for Software*; Masahiro Fujita, University of Tokyo, Japan, on *Hardware-Software Co-design for SoC with Separated Verification Between Computation and Communication;* Davide Sangiorgi, University of Bologna, Italy, on *Bisimulation in Higher-Order Languages*; and Peter D. Mosses, Swansea University, Wales, UK, on *Fundamentals of Semantics Engineering*.

In conjunction with FSEN 2007, the Working Group 2.2 of IFIP organized 2 full-day tutorials by internationally recognized researchers on the semantics of programming languages (Peter D. Mosses), and the semantics of concurrency (Davide Sangiorgi). These well-attended and well-received tutorials strengthened the impact of FSEN 2007, and we would like to take this opportunity to express our appreciation for the contribution of IFIP WG 2.2 and the tutorial speakers.

We are grateful for the support and the assistance of the IPM staff in the organization of this symposium, especially Dr. Larijani, Dr. Sarbazi-Azad, Ms. Arfai and Mr. Shahrabi. We thank the members of the program committee for their time, effort, and contributions to making FSEN 2007 a quality symposium. Last but not least, our thanks go to our authors and workshop partici-

pants, without whose submissions and participation FSEN 2007 would not have materialized.

April 2007

Farhad Arbab
Marjan Sirjani

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Table of Contents