

Preface

The present volume contains the proceedings of the 5th IPM International Conference on Fundamentals of Software Engineering (FSEN), held in Tehran, Iran, April 24–26, 2013. FSEN 2013 was organized by the School of Computer Science at the Institute for Research in Fundamental Sciences (IPM) in Iran, in cooperation with the ACM SIGSOFT and IFIP WG 2.2.

The topics of interest in FSEN span all aspects of formal methods, especially those related to advancing the application of formal methods in software industry and promoting their integration with practical engineering techniques. The Program Committee (PC) of FSEN 2013 consisted of 50 top researchers from 37 different academic institutes in 17 countries. We received 65 submissions from 33 countries, out of which the PC accepted 17 regular papers for the conference program. Each submission was reviewed by at least three independent referees, for its quality, originality, contribution, clarity of presentation, and its relevance to the conference topics.

Three distinguished keynote speakers delivered their lectures at FSEN 2013. Jose Meseguer gave a talk on “Symbolic Formal Methods: Combining the Power of Rewriting, Narrowing, SMT Solving and Model Checking.” Holger Hermanns spoke on “Stochastic, Hybrid and Real-Time Systems: From Foundations to Applications with Modest.” Wolfgang Reisig presented “Service-Oriented Computing: Forthcoming Challenges.”

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