

Preface

This year we celebrate the 20th anniversary of the International Symposium on Formal Methods in Oslo, during June 24–26. FM 2015 attracted 124 submissions to the main track. Each submission was reviewed by at least three Program Committee members. The committee decided to accept 32 papers, resulting in an acceptance rate of 0.26. These conference proceedings further contain nine papers selected by the Program Committee of the Industry Track, which was chaired by Ralf Huuck (NICTA, Australia), Peter Gorm Larsen (Aarhus University, Denmark), and Andreas Roth (SAP, Germany).

The program includes four invited talks by Elvira Albert (Complutense University of Madrid, Spain), Werner Damm (Carl von Ossietzky Universität Oldenburg, DE), Valérie Issarny (Inria, France), and Leslie Lamport (Microsoft Research, USA). Furthermore, the overall program includes 11 workshops selected by the Workshop Chairs Marieke Huisman (Twente University, The Netherlands) and Volker Stolz (University of Oslo, Norway), four tutorials selected by the Tutorial Chairs Ferruccio Damiani (University of Torino, Italy) and Cristian Prisacariu (University of Oslo, Norway), a Doctoral Symposium organized by Bernhard Aichernig (TU Graz, Austria) and Alessandro Rossini (Sintef, Norway) with a keynote by Stijn de Gouw (CWI, The Netherlands), and a tool exhibition organized by Richard Bubel (TU Darmstadt, Germany) and Rudolf Schlatte (University of Oslo, Norway). The resulting program covers a wide spectrum of all the different aspects of the use of, and research on, formal methods for software development.

Thanks to all involved, i.e., all the Program Committee members, subreviewers, and the different chairs. Special thanks are due to the excellent local organization by Einar Broch Johnsen (University of Oslo, Norway) who was professionally supported by the Local Organization Chairs Violet Pun (University of Oslo, Norway) and Lizeth Tapia (University of Oslo, Norway), the Financial Chairs Arnaud Gotlieb (Simula Research Labs, Norway) and Ingrid Chieh Yu (University of Oslo, Norway), and the Publicity Chair Martin Steffen (University of Oslo, Norway).

Of particular interest to note here is that because of the very special occasion of the 20th anniversary Formal Methods Europe decided this year on a FME Fellowship Award.

Finally, FM 2015 gratefully recognizes the support of our sponsors: the Research Council of Norway, the City of Oslo, the Norwegian Centre for Software Verification and Validation (CERTUS), the Dutch Centre for Mathematics and Computer Science (CWI), and Microsoft Research.

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