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Preface

This volume contains the proceedings of the 9th International Conference on Software Engineering and Formal Methods (SEFM 2011) held on November 14–18, 2011 in Montevideo, Uruguay, under the auspices of the Facultad de Ingeniería (InCo), Universidad de la República, Uruguay. The aim of SEFM is to bring together practitioners and researchers from academia, industry and government to advance the state of the art in formal methods, to scale up their application in software industry and to encourage their integration with practical engineering methods.

The Program Committee of SEFM 2011 received 105 abstracts and 85 full submissions from all over the world. We would like to thank all authors for submitting their papers. Each paper was reviewed by at least three reviewers. Based on the review reports and intensive discussions conducted electronically, the Program Committee selected 22 regular papers, 2 tool papers and 1 short paper (acceptance rate around 29%), for inclusion in this volume. We would like to thank the Program Committee members and all reviewers for their efforts in the selection process.

Besides the regular session, the conference held a special track devoted to “Modelling for Sustainable Development”, organized by Antonio Cerone from UNU-IIST. The special track received 7 submissions and accepted 5 papers, which are included in this volume.

In addition to the contributed papers, the conference program included four keynote speakers: Holger Hermanns (Saarland University, Germany), Mike Hinchey (LERO, Ireland) and Daniel Le Métayer (INRIA, France) for the main track, and Matteo Pedercini (Millennium Institute, USA) for the special track.

As is the tradition with SEFM, the conference was preceded by a graduate school and tutorials. The school courses were offered by: Dave Clarke (Katholieke Universiteit Leuven, Belgium), Klaus Havelund (Jet Propulsion Laboratory, USA), Yassine Lakhnech (University Joseph Fourier / VERIMAG, France), Martin Leucker (University of Lübeck, Germany), Davide Sangiorgi (INRIA, France, and University of Bologna, Italy), and Tarmo Uustalu (Tallin University of Technology, Estonia).

The tutorials were offered by: Gustavo Betarte (Universidad de la República, Uruguay), Pedro D’Argenio (Universidad Nacional de Córdoba, and CONICET, Argentina), Dilian Gurov (KTH, Sweden), Sebastián Uchitel (Imperial College London, UK, and Universidad de Buenos Aires, Argentina), and Santiago Zanella (IMDEA Software, Spain).

We are grateful to the invited speakers, tutorialists, and lecturers for accepting our invitation to address the conference or lecture at the school.

We also would like to thank the members of the Steering Committee and the Organizing Committee as well as several other people whose efforts contributed to making the conference a success. In particular, we would like to thank Carlos Luna and Luis Sierra (Universidad de la República, Uruguay) for helping with the local organization.

August 2011

Gilles Barthe
Alberto Pardo
Gerardo Schneider

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