

Preface

This volume contains the technical papers presented in the five high-quality workshops associated to SEFM 2014 (12th International Conference on Software Engineering and Formal Methods, held in Grenoble, September 1–5, 2014). SEFM 2014 was organized by Inria and supported by Grenoble INP, Joseph Fourier University, LIG, and CNRS.

SEFM 2014 brought together practitioners and researchers from academia, industry, and government to advance the state of the art in formal methods, to facilitate their uptake in the software industry, and to encourage their integration with practical engineering methods. Satellite workshops provided further opportunities for collaborating and exchanging ideas about specific topics of Formal Methods and Software Engineering, from conceptual to practical aspects.

The workshops focused on specific topics in the Software Engineering and Formal Methods related domains: the First Workshop on Human-Oriented Formal Methods – From Readability to Automation (HOFM 2014), the Third International Symposium on Modeling and Knowledge Management Applications – Systems and Domains (MoKMaSD 2014), the Eighth International Workshop on Foundations and Techniques for Open Source Software Certification (OpenCert 2014), the First Workshop on Safety and Formal Methods (SaFoMe 2014), and the Fourth Workshop on Formal Methods in the Development of Software (WS-FMDS 2014). The review and the selection process was performed rigorously, with each paper being reviewed by at least three Program Committee (PC) members. A brief description of each workshop follows, written by their organizers.

For each of the workshops at SEFM 2014, we thank the organizers for these interesting topics and resulting talks. We also thank the paper contributors to these workshops and those who attended them. We would like to extend our thanks to all keynote speakers for their support and excellent presentations, and also, members of each workshop’s Program Committee.

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