

Preface

Static Analysis is increasingly recognized as a fundamental tool for program verification, bug detection, compiler optimization, program understanding, and software maintenance. The series of Static Analysis Symposia has served as the primary venue for the presentation of theoretical, practical, and applicational advances in the area. Previous symposia were held in Munich, Seattle, Deauville, Venice, Perpignan, Los Angeles, Valencia, Kongens Lyngby, Seoul, London, Verona, San Diego, Madrid, Paris, Santa Barbara, Pisa, Aachen, Glasgow, and Namur. This volume contains the papers presented at SAS 2015, the 22nd International Static Analysis Symposium. The conference was held on September 9–11, 2015 in Saint-Malo, France.

The conference received 44 submissions, each of which was reviewed by at least three Program Committee members. The Program Committee decided to accept 18 papers, which appear in this volume. As in previous years, authors of SAS submissions were able to submit a virtual machine image with artifacts or evaluations presented in the paper. In accordance with this, 13 submissions came with an artifact. Artifacts were not formally evaluated but were used as an additional source of information during the evaluation of the submissions.

The Program Committee also invited three leading researchers to present invited talks: Josh Berdine (Microsoft Research, UK), Anders Møller (Aarhus University, Denmark), and Henny Sipma (Kestrel, USA). We thank these speakers for accepting the invitation and also for contributing articles to these proceedings.

SAS 2015 featured three associated workshops that were held the day before the conference: the SASB on static analysis and systems biology, TAPAS on tools for automatic program analysis, and Security, dedicated to static analysis and security of low-level code.

The work of the Program Committee and the editorial process were greatly facilitated by the EasyChair conference management system. We are grateful to Springer for publishing these proceedings, as they have done for all SAS meetings since 1993.

Many people contributed to the success of SAS 2015. The Program Committee worked hard at reviewing papers, holding extensive discussions during the on-line Program Committee meeting, and making final selections of accepted papers and invited speakers. Thanks are also due to the additional referees enlisted by Program Committee members. Finally, we would like to thank our sponsors: Inria, the University of Rennes 1, Facebook, Fondation Rennes 1, Région Bretagne, and Springer.

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