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# Static Analysis

16th International Symposium, SAS 2009  
Los Angeles, CA, USA, August 9-11, 2009  
Proceedings

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# 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 presentation of theoretical, practical, and application advances in the area.

This volume contains the proceedings of the 16th International Static Analysis Symposium (SAS 2009), which was held August 9–11, 2009 at UCLA, University of California, Los Angeles, USA. The previous SAS conferences were held in Valencia, Spain (2008); Kongens Lyngby, Denmark (2007); Seoul, South Korea (2006); London, UK (2005); Verona, Italy (2004); San Diego, USA (2003); Madrid, Spain (2002); Paris, France (2001); Santa Barbara, USA (2000); Venice, Italy (1999); Pisa, Italy (1998); Paris, France (1997); Aachen, Germany (1996); Glasgow, UK (1995); and Namur, Belgium (1994).

In response to the call for papers, a total of 52 contributions were submitted to the symposium. After a five-week paper review period and a subsequent two-week online discussion, the Program Committee selected 21 papers for presentation at the symposium and inclusion in this volume. The selection was based on scientific quality, originality, and relevance to the symposium. Each submission was reviewed by four (or more) Program Committee members with the help of external reviewers.

In addition to the 21 accepted papers, this volume also contains abstracts of talks given by two invited speakers: Rastislav Bodik (University of California, Berkeley) and Shaz Qadeer (Microsoft).

SAS 2009 was co-located with LICS 2009, the 24th IEEE Symposium on Logic in Computer Science. SAS and LICS had a day with shared sessions, including an invited speaker: Edmund M. Clarke (Carnegie Mellon University, USA). Last time SAS and LICS were co-located was in 2000 in Santa Barbara, USA.

We would like to thank members of the Program Committee for their thorough reviews and dedicated involvement during the paper selection process. On behalf of the Program Committee, we would like to express our gratitude to all the authors who submitted papers and all the external reviewers for their invaluable contributions. We would also like to thank the Steering Committee for their help and advice, and Andrei Voronkov for making EasyChair available to us. Finally, we gratefully acknowledge the institution that sponsored this event: UCLA, University of California, Los Angeles, USA.

August 2009

Jens Palsberg  
Zhendong Su

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