Call for Papers - SAS 2010

Important Dates

Submissions (abstract) : March 12, 2010
Submission (full paper) : March 19, 2010
Notification : May 4, 2010
Camera-ready : June 11, 2010
Conference : September 14-16, 2010

PC co-chairs
Matthieu Martel (Université de Perpignan, France)
Radhia Cousot (CNRS, France)

PC Members
Elvira Albert (Complutense Univ. of Madrid, Spain)
Maria Alpuente (Technical Univ. of Valencia, Spain)
Olivier Bouissou (CEA-LIST, France)
Byron Cook (Microsoft Research, Cambridge, UK)
Susanne Graf (Verimag/CNRS, Grenoble, France)
Joxan Jaffar (National Univ. of Singapore, Singapore)
Neil Jones (University of Copenhagen, Denmark)
Francesca Levi (Università di Pisa, Italy)
Francesco Logozzo (Microsoft Research, USA)
Damien Massé (U. de Bretagne Occidentale, France)
Isabella Mastroeni (Univ. degli Studi di Verona, Italy)
Laurent Mauborgne (Ecole Normale Sup., France)
Matthew Might (University of Utah, USA)
George Necula (UC Berkeley, USA)
Francesco Ranzato (Università di Padova, Italy)
Andrey Rybalchenko (MPI, Saarbrucken, Germany)
Mary Lou Soffa (University of Virginia, USA)
Greta Yorsh (IBM T.J. Watson Center, Hawthorne, USA)
Zhendong Su (University of California, Davis, USA)

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.

The technical programme for SAS 2010 will consist of invited lectures and presentations of refereed papers. Contributions are welcomed on all aspects of static analysis, including, but not limited to:

- abstract domains
- abstract interpretation
- abstract testing
- data flow analysis
- new applications
- program verification
- theoretical frameworks
- bug detection
- model checking
- program transformation
- security analysis
- type checking

Submissions can address any programming paradigm, including concurrent, constraint, functional, imperative, logic and object-oriented programming. Survey papers, that present some aspect of the above topics with a new coherence, and application papers, that describe experience with industrial applications, are also welcomed.

Papers must describe original work, be written and presented in English, and must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with refereed proceedings.

Submitted papers should be at most 15 pages formatted in LNCS style (excluding bibliography and well-marked appendices not intended for publication). PC members are not required to read the appendices, and thus papers should be intelligible without them. The conference proceedings is planned to be published by Springer-Verlag in the Lecture Notes in Computer Science series.

Email: sas2010@univ-perp.fr

Affiliated Events

NSAD: Second Int. Workshop on Numerical and Symbolic Abstract Domains (13 September 2010).
SASB: First Workshop on Static Analysis and Systems Biology (13 September 2010).
TAPAS: Tools for Automatic Program Analysis (17 September 2010).