Call for papers - SAS 2012

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 program for SAS 2012 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
- bug detection
- model checking
- new applications
- program transformation
- security analysis
- theoretical frameworks
- type checking

Submissions can address any programming paradigm, including concurrent, constraint, functional, imperative, logic, object-oriented, aspect, multi-core, distributed, and GPU 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 will be judged on the basis of significance, relevance, correctness, originality, and clarity. They should clearly identify what has been accomplished and why it is significant.

Paper submissions should not exceed 15 pages in Springer's Lectures Notes in Computer Science (LNCS) format, excluding bibliography and well-marked appendices. Program committee members are not required to read the appendices, and thus papers must be intelligible without them.

http://www.sas2012.ens.fr/

Affiliated events

- NSAD: The 4th Workshop on Numerical and Symbolic Abstract Domains
- SASB: The 3rd Workshop on Static Analysis and Systems Biology
- TAPAS: The 3rd Workshop on Tools for Automatic Program AnalysisS