

More information:

<http://http://antares.sip.ucm.es/svt2017/> and

<http://www.sigapp.org/sac/sac2017/>

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Important dates

- * September 15, 2016: Papers and SRC submission
- * November 10, 2016: Paper and SRC notification
- * November 25, 2016: Camera-ready copies

ACM Symposium on Applied Computing

The ACM Symposium on Applied Computing (SAC) has gathered scientists from different areas of computing over the last thirty years. The forum represents an opportunity to interact with different communities sharing an interest in applied computing.

SAC 2017 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and will be hosted by the University of Quebec (Montreal, Canada), University Cadi Ayyad (Marrakech, Morocco), Mohamed V University of Rabat - Mohammadia School Of Engineers (Rabat, Morocco) and National School of Applied Sciences (Kenitra, Morocco).

Software Verification and Testing Track

The Software Verification and Testing track aims at contributing to the challenge of improving the usability of formal methods in software engineering. The track covers areas such as formal methods for verification and testing, based on theorem proving, model checking, static analysis, and run-time verification. We invite authors to submit new results in formal verification and testing, as well as development of technologies to improve the usability of formal methods in software engineering. Also are welcome detailed descriptions of applications of mechanical verification to large scale software. Possible topics include, but are not limited to:

- model checking
- theorem proving
- correct by construction development
- model-based testing
- verification-based testing
- symbolic execution
- static and run-time analysis
- abstract interpretation
- analysis methods for dependable systems
- software certification and proof carrying code
- fault diagnosis and debugging
- verification of large scale software systems
- real world applications and case studies applying software verification

Submissions Guidelines

Paper submissions must be original, unpublished work. Author(s) name(s) and address(es) must not appear in the body of the paper, and self-reference should be avoided and made in the third person. Submitted paper will undergo a blind review process. Authors of accepted papers should submit an editorial revision of their papers that fits within six two-column pages (an extra two pages, to a total of eight pages, may be available at a charge). Please comply to this page limitation already at submission time. Accepted papers will be published in the ACM SAC 2017 proceedings.

Paper registration is required, allowing the inclusion of papers, posters, or SRC abstracts in the conference proceedings. An author or a proxy attending SAC MUST present the work. This is a requirement for the presented work to be included in the ACM/IEEE digital library. No-show of registered papers, posters, and SRC abstracts will result in excluding them from the ACM/IEEE digital library.

Student Research Competition

As previous editions, SAC 2017 organises a Student Research Competition (SRC) Program to provide graduate students the opportunity to meet and exchange ideas with researchers and practitioners in their areas of interest. Guidelines and information about the SRC program can be found at <http://www.sigapp.org/sac/sac2017/>.

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Mercedes G. Merayo, Universidad Complutense de Madrid, Spain

Program Committee

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