



# CALL FOR STUDENT RESEARCH ABSTRACTS

The 31<sup>st</sup> ACM Symposium on Applied Computing

April 3 – 8, 2016, Pisa, Italy

<http://www.acm.org/conferences/sac/sac2016/>

**Conference Chair**  
Sascha Ossowski  
University Rey Juan Carlos  
Madrid, Spain  
[sascha.ossowski@uric.es](mailto:sascha.ossowski@uric.es)

**Conference Vice-Chair**  
Giorgio Buttazzo  
Scuola Superiore Sant'Anna  
Pisa, Italy  
[giorgio@sssup.it](mailto:giorgio@sssup.it)

**Conference Vice-Chair**  
Alessio Bechini  
University of Pisa  
Pisa, Italy  
[a.bechini@ing.unipi.it](mailto:a.bechini@ing.unipi.it)

**Local Arrangement Chair**  
Ettore Ricciardi  
ISTI-CNR  
Pisa, Italy  
[ettore.ricciardi@istfi.cnr.it](mailto:ettore.ricciardi@istfi.cnr.it)

**Program Chairs**  
Jiman Hong  
Soongsil University  
Seoul, Korea  
[jiman@ssu.ac.kr](mailto:jiman@ssu.ac.kr)

Alessio Bechini  
University of Pisa  
Pisa, Italy  
[a.bechini@ing.unipi.it](mailto:a.bechini@ing.unipi.it)

**SRC Chair**  
Hossain Shahriar  
Kennesaw State University  
Kennesaw, Georgia, USA  
[hshahria@kennesaw.edu](mailto:hshahria@kennesaw.edu)

**Tutorials Chair**  
Francesco Marcelloni  
University of Pisa  
Pisa, Italy  
[f.marcelloni@iet.unipi.it](mailto:f.marcelloni@iet.unipi.it)

**Posters Chair**  
Chih-Cheng Hung  
Kennesaw State University  
Marietta, Georgia, USA  
[chung@spsu.edu](mailto:chung@spsu.edu)

**Publication Chair**  
John Kim  
Utica College  
Utica, New York, USA  
[editoracr@gmail.com](mailto:editoracr@gmail.com)

**Treasurer/Registrar/Webmaster**  
Hisham M. Haddad  
Kennesaw State University  
Kennesaw, Georgia, USA  
[hhaddad@kennesaw.edu](mailto:hhaddad@kennesaw.edu)

**SAC Steering Committee**  
*Barrett R. Bryant*  
University of North Texas, USA  
*Hisham M. Haddad*  
Kennesaw State University, USA  
*Sascha Ossowski*  
University Rey Juan Carlos, Spain  
*Sung Y. Shin*  
South Dakota State University, USA  
*Roger Wainwright*  
University of Tulsa, USA

**Research Abstracts:** Graduate students seeking feedback from the scientific community on their research ideas are invited to submit original abstracts of their research work in areas of experimental computing and application development related to SAC 2016 Tracks. The Student Research Competition (SRC) program is designed to provide graduate students the opportunity to meet and exchange ideas with researchers and practitioners in their areas of interest.

**Important Notice:** ASRC participants are required to attend SAC and participate in the poster and oral presentations. This is a requirement for invited SRC submissions to be included in the ACM digital library. **No-show will result in excluding the work from the ACM digital library.**

All research abstract submissions will be reviewed by researchers and practitioners with expertise in the track to which they are submitted. Authors of selected abstracts will have the opportunity to share their research work through poster and oral presentations and compete for the three top winning places. The SRC committee will evaluate the posters and oral presentations and select first, second, and third place winners. The winners will receive medals, cash awards, and SIGAPP recognition certificates during the conference banquet dinner. Invited authors will receive \$500 from ACM toward their travel to SAC. Furthermore, invited authors are eligible to apply for the SIGAPP Student Travel Award Program (STAP) for support. The top winner can proceed to the ACM National SRC Program for the grand finals. Please visit <http://src.acm.org/> for more information about the National SRC Program.

**Submission:** Graduate students are invited to submit research abstracts, of maximum 2 pages in ACM camera-ready format, to the START submission system. Submitting the same abstract to multiple tracks is not allowed. Abstracts must address original and unpublished research work related to a SAC track, with emphasis on the innovation behind the research idea. The submission should address the research problem being investigated, the proposed approach and research methodology, and sample preliminary results of the work. In addition, the abstract should reflect on the originality of the work, innovation of the approach, and applicability of the results to real-world problems.

More information about this program can be found in the SRC Information Sheet posted on SAC 2016 website, Downloads Page. Submissions for joint projects are not allowed. Only the name of the sole author of the work (graduate student) can appear on the submission, not co-authors allowed. The sole author must attend and participate to qualify for the program, no proxies.

Please submit your research abstracts electronically to the SRC START submission system in PDF format. Please see SAC 2016 website for the START system URL.

If you encounter any problems with your submission, please contact the SRC Program Chair:

Dr. Hossain Shahriar  
Kennesaw State University  
Kennesaw, Georgia, USA  
[hshahria@kennesaw.edu](mailto:hshahria@kennesaw.edu)

SAC 2016 Student Research Competition program is sponsored by

**Microsoft Research**

## Sample Potential Topics

BioHealth Informatics  
Cloud Computing  
Coordination Models, Lang. and Apps  
Cooperative Multi-Agent Systems  
Cooperative Systems  
Constraint Solving and Programming  
Data Mining and Data Streams  
Database Theory, Technology and Applications  
Evolutionary Computation  
Enterprise Engineering  
Embedded Systems  
Information Access and Retrieval  
Mobile Computing and Applications  
Multimedia and Visualization  
OO Programming Languages and Systems  
Operating Systems  
Programming Languages  
Programming for Separation of Concerns  
Requirement Engineering  
Intelligent Robotic systems  
Recommender Systems  
Software Architecture  
Computer Security  
Smart Grids and Smart technologies  
Service-Oriented Archit. and Programming  
Software Verification and Testing  
Semantic Web and its Applications  
Web Technologies

### Important Dates:

SRC Abstract Submission:	Sep 11, 2015
SRC Author Notification:	Nov 13, 2015
Camera-ready copies:	Dec 07, 2015
Author registration:	Dec 18, 2015
Poster Presentations:	Apr 05, 2016
Oral Presentations:	Apr 06, 2016