



## CALL FOR PAPERS – SAC 2021

The 36<sup>th</sup> ACM Symposium on Applied Computing

March 22 – 26, 2021, Gwangju, Korea

<http://www.sigapp.org/sac/sac2021/>

### **SAC 2021:**

For the past thirty-five years, the ACM Symposium on Applied Computing (SAC) has been a primary gathering forum for applied computer scientists, computer engineers, software engineers, and application developers from around the world.

ACM SAC is structured in multiple technical tracks. Each track is devoted to a specific research area, and is coordinated by one or more Track Chair(s). The complete list of the technical tracks selected for the current edition of SAC can be found on the SAC 2021 website.

SAC 2021 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), is hosted by Chosun University and by Chonnam National University, Korea, and will be held in the Kimdaejung Convention Center, Gwangju, Korea.

### **Papers:**

Authors are invited to submit original papers in all areas of experimental computing and application development, as covered by the technical programs of the various tracks selected for SAC 2021. Submissions should fall into the following categories:

- Original and unpublished research work
- Reports of innovative computing applications in sciences, engineering, and business areas
- Reports of successful technology transfer to new problem domains
- Reports of industrial experience and demos of new innovative systems

Peer groups with expertise in the tracks focus areas will blindly review submissions. Accepted papers will be published in the symposium proceedings and ACM digital library. Submission guidelines can be found on the SAC 2021 website. Prospective papers should be submitted to the track using the START submission system. Submission of the same paper to multiple tracks is not allowed.

For more information please visit the SAC 2021 website.

### **Tutorials:**

The Tutorials Program is an integral part of SAC 2021. The organizing committee solicits tutorials that tend to stress state-of-the-art technologies directly applied to the practitioners' field. Presenters are invited to submit proposals for tutorials in all areas of experimental computing and application development. Tutorial's duration is either full day or half day. The tutorial proposal should include a brief summary and outline specific goals and objectives, expected background of the audience, and a biographical sketch of the presenter(s). All tutorial proposals should be directed to the Tutorial Chair. Tutorial submission guidelines will be posted on the SAC 2021 Website.

### **Potential Tracks:**

Bioinformatics and Computational Biology; Business Process Management & Modeling; Cloud Computing; Code Analysis and Software Mining; Computational Intelligence and Video & Image Analysis; Computer Security; Cyber-Physical Systems; Databases and Big Data Management; Data Mining; Data Streams; Decentralized Applications with Blockchain; Dependable, Adaptive, and Secure Distributed Systems; Embedded Systems; Evolutionary Computing; Geographical Information Analytics; Health Informatics; Information Access and Retrieval; Intelligent Robotics and Multi-Agent Systems; Internet of Things; Knowledge and Language Processing; Knowledge Discovery and Information Systems; Knowledge Representation and Reasoning; Machine Learning; Mobile Computing; Networking; Operating Systems; Privacy by Design; Programming Languages; Recommender Systems; Requirements Engineering; Semantic Web and Applications; Software and Hardware co-dependability; Software Architecture; Software Engineering; Software-intensive Systems-of-Systems; Social Network and Media Analysis; Software Platforms; Software Verification and Testing; Sustainability of Fog/Edge Computing Systems; Video Processing for Human Behavioral Analysis; Web Technologies; and Wireless Communications and Networking.

### **Sample Post-Conference Journal Publications**

Typically, extended papers of SAC publications are published in selected SCI-indexed journals (usually with Track Chairs as Guest Editors); among others, we can mention:

- Journal of Computer Languages, Systems and Structures, Elsevier
- Science of Computer Programming, Elsevier
- Journal of Innovations in Systems and Software Engineering (ISSE), Springer
- Journal of Intelligent Data Analysis, IOS Press
- Journal of Computer Security, IOS Press
- Journal of Visual Languages and Computing, Elsevier
- Journal of New Generation Computing, Springer
- Journal of Computer Security, IOS Press
- Concurrency and Computation: Practice and Experience, Wiley
- Software: Practice & Experience, Wiley
- Journal of Web Engineering (JWE)
- Software Quality Journal (SQJ), Springer
- Information and Software Technology (JIST), Elsevier