SANER 2016
Osaka, JAPAN
March 14-18, 2016
http://saner.inf.usi.ch/

Call for Submissions and Participation

The 23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering, SANER 2016, will be held on March 14-18, 2016 in Osaka, Japan. Osaka is a designated city in the Kansai region of Japan. It is the capital city of Osaka Prefecture and the largest component of the Keihanshin Metropolitan Area, the second largest metropolitan area in Japan and among the largest in the world with nearly 19 million inhabitants. Situated at the mouth of the Yodo River on Osaka Bay, Osaka is Japan’s third largest city by population after Tokyo and Yokohama, and serves as a major economic hub.

SANER promotes discussion and interaction among researchers and practitioners about the development of maintainable systems, and the improvement, evolution, migration, and reengineering of existing systems. It also explores innovative methods of extracting the many kinds of information of interest to software developers and examines innovative ways of using this information in system renovation and program understanding.

The theme of SANER 2016 is advancing the global enterprise of software engineering, which is reflected in the broad range of tracks featured at the conference. We encourage you to contribute to one or more of our tracks. Expectations for submissions will be provided in each track’s call for papers.

- Technical Research Papers
- ERA (Early Research Achievements) and Tools Papers
- Industrial Papers
- Doctoral and Post-Doctoral Symposium Papers

For the technical research track, we invite high quality submissions of papers describing original and unpublished results. We encourage all types of work, whether empirical, theoretical, tool-oriented, or conceptual. We particularly encourage papers describing perspectives on the current state of the art in the field, its research trajectory, and core assumptions that may or may not hold in the future. A healthy research community carefully integrates self as part of its discourse, and experience shows that periodic shifts in foundations are an essential part of progress. The calls for papers, along with other details and updates, will be available at: http://saner.inf.usi.ch/
SANER is the premier research conference on the theory and practice of recovering information from existing software systems. It explores innovative methods to extract the many kinds of information that can be recovered from software, software engineering documents, and systems artifacts, and examines innovative ways of using this information in system renovation and program understanding.

SANER joins the Working Conference on Reverse Engineering (WCRE) series, the premier conference series on the theory and practice of recovering information from existing software and systems, and the European Conference on Software Maintenance and Reengineering (CSMR) series, the premier conference series on the theory and practice of maintenance, reengineering, and evolution of software systems.

Conference topics
For all types of solicited submissions, the topic should be of direct interest to the maintenance, evolution, migration and reengineering community.
A non-limitative list of such topics is given below:

- Techniques and Approaches for Software Analysis, Comprehension, and Reconstruction
- Program Comprehension
- Software Evolution Analysis
- Software Architecture Recovery and Reverse Architecting
- Program Analysis
- Program Transformation and Refactoring
- Mining Software Repositories
- Software Analytics
- Parsing and Fact Extraction
- Green Mining
- Software Visualization
- Software Reverse Engineering and Reengineering
- Software Reconstruction and Migration
- Language Support for Software Maintenance and Evolution
- Process Models for Software Maintenance, Reengineering, and Evolution
- Software Release Engineering
- Experience Reports related to all of the above topics
- Education related to all of the above topics
- Tools and Methods supporting all of the above topics

Conference Sponsors
- IEEE Computer Society, TCSE
- Reengineering Forum

Conference Supporters (Tentative)
- Institute of Electronics, Information and Communication Engineers – Information and System Society, Software Science
- Information-Technology Promotion Agency
- Information Processing Society of Japan – Software Engineering
- Japan Society for Software Science and Technology – Foundation of Software Engineering

SANER 2016 venue: Osaka University, located in northern Osaka, is the largest national university in Japan.