

SANER 2016

Osaka, JAPAN

March 14-18, 2016

<http://saner.inf.usi.ch/>

IMPORTANT DATES

● RESEARCH TRACK

—Abstract Nov 6 2015
—Submission Nov 13 2015

● ERA and TOOL TRACK

● INDUSTRY TRACK

● DOCTORIAL AND POST-DOCTORIAL SYMPO

—Abstract Nov 20 2015
—Submission Nov 27 2015

● WORKSHOP PROPOSAL

—Submission Oct 2 2015

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Conference Organization

General Chair

Katsuro Inoue - Osaka University

Program Chairs

Michele Lanza - University of Lugano

Yasutaka Kamei - Kyushu University

Local Arrangement Chairs

Shinji Kusumoto - Osaka University

Hideaki Hata - NAIST

Social Event Chairs

Hiroshi Igaki - Osaka Institute of Technology

Tatsuhiro Tsuchiya - Osaka University

Registration Chairs

Masahide Nakamura - Kobe University

Takashi Ishio - Osaka University

Workshop Chairs

Daniel German - University of Victoria

Coen De Roover - Vrije University Brussels

Most Influence Paper Award Chair

Massimiliano Di Penta - University of Sannio

Industrial Track Chairs

Thomas Zimmermann - Microsoft Research

Ashish Sureka

- Indraprastha Institute of Information Technology

ERA Chairs

Emad Shihab - Concordia University

Alberto Bacchelli - Delft University of Technology

Tool Demo Chairs

Sonia Haiduc - Florida State University

Yoshiaki Higo - Osaka University

Post-Doctoral Symposium Chair

Bram Adams - École Polytechnique de Montréal

Doctoral Symposium Chairs

Mike Godfrey - University of Waterloo

Serge Demeyer - University of Antwerp

Future of Software Engineering Chair

Ahmed E. Hassan - Queen's University

Publication Chair

Norihiro Yoshida - Nagoya University

Publicity Chairs

Gabriele Bavota - Free University of Bolzano-Bozen

Olga Baysal - Université de Montréal

David Lo - Singapore Management University

Akinori Ihara - NAIST

Social Networking Chairs

Anthony Cleve - University of Namur

Makoto Matsushita - Osaka University

Management Support Chairs

Takashi Kobayashi - Tokyo Institute of Technology

Eunjong Choi - Osaka University

Web Chairs

Luca Ponzanelli - University of Lugano

Tetsuya Kanda - Osaka University

Student Volunteer Chairs

Shinpei Hayashi - Tokyo Institute of Technology

Raula Gaikovina Kula - Osaka University

Industrial Liaison Chair

Shusuke Haruna - Osaka University

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
- Doctorial and Post-Doctorial 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/>

Program Committee Members

Abram Hindle - University of Alberta
Akinori Ihara - NAIST
Alessandra Gorla - Saarland University
Alessandro Garcia
- Pontificia Universidade Católica do Rio de Janeiro
Alexander Serebrenik
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Domenico Bianculli - University of Luxembourg
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Mark Harman - University college london
Martin Pinzger - University of Klagenfurt
Massimiliano Di Penta - University of Sannio
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Rudolf Ferenc - University of Szeged
Shinpei Hayashi - Tokyo Institute of Technology
Sunghun Kim
- University of Hong Kong Science and Technology
Takashi Kobayashi - Tokyo Institute of Technology
Tibor Gyimothy - University of Szeged
Tudor Girba - University of Bern
Walid Maalej - University of Hamburg
Yann-Gaël Guéhéneuc
- École Polytechnique de Montréal
Yasutaka Kamei - Kyushu University
Zhen Ming Jiang - York University

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.