

Call for Papers

SASIMI 2022

THE 24TH WORKSHOP ON
SYNTHESIS AND SYSTEM INTEGRATION
OF MIXED INFORMATION TECHNOLOGIES

October 24–25, 2022

Art Hotel Hirosaki City, Hirosaki, Japan

In cooperation with:

- IEEE Council on Electronic Design Automation (CEDA) All Japan Joint Chapter
- IEEE Circuits and Systems Society (CASS) Japan Joint Chapter
- IEEE Circuits and Systems Society (CASS) Kansai Chapter
- IEEE Computer Society (CS) Kansai Chapter
- The Institute of Electronics, Information and Communication Engineers (IEICE)
- Information Processing Society of Japan (IPSJ)

Aims of the Workshop:

This workshop will provide an interchange forum on system design, design experiences, EDA, and design methodologies for both of industry and academy. Presentations on theoretical aspects, practical issues, case studies and applications are encouraged. The workshop gives an opportunity for presentation and discussion of advanced work and research. Works in progress and new ideas are also welcome. Special sessions for hot topics will be provided. Proposals for the topics are welcome.

Areas of Interest include, but are not limited to:

- System Design, Design Experiences, and Industry Experiences
- Software/Hardware Design for Embedded Systems, Cyber-Physical Systems, IoT, etc.
- New Design Methodologies for MEMS, Bioengineering, Automobile, Environment, Quantum, Reconfigurable System, etc.
- Design for Manufacturability, Reliability, Security, etc.
- Behavioral/Logic/Layout Synthesis
- Test, Verification, and Simulation
- Analog and Mixed-Signal Design
- Machine Learning, AI, and Brain-Inspired Computing.

Submission of Papers:

Prospective authors are invited to submit short papers of 2 pages, or full papers* of 3 to 6 pages, electronically via the web site below. Detailed instructions for paper submission will be available at the web site. Official language is English.

* Best Paper Awards will be selected from full papers.

Key Dates:

Submission due date

June 3 (Fri), 2022

Notification of Acceptance

August 5 (Fri), 2022

Final paper due date

September 9 (Fri), 2022

Questions should be directed to:

SASIMI 2022, c/o Prof. Hiroyuki Ochi

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For more and latest information: <http://sasimi.jp/>