2022 IEEE/SICE International Symposium on System Integration

Narvik, Norway
January 8th −12th . 2022
https://sice-si.org/conf/SII2022/

Photo: Jan-Arne Pettersen

Call for Papers

IEEE/SICE SII is the premier symposium series presenting the state of the art and future perspectives of system integration, where industrial experts, researchers, and academics share ideas and experiences surrounding frontier technologies, breakthrough and innovative solutions and applications.

The 2022 IEEE/SICE International Symposium on System Integration (SII 2022) will be the 14th symposium on system integration. System integration is one of the key technologies and the integration of hardware and software is especially important to solve the industrial or social system problems in the new century. This symposium focuses towards new research and industrial application of system integration, and discusses approach and methodologies to improve effectiveness of system integration.

The symposium will take place in the astonishing venue at UiT the Arctic University of Norway at the city of Narvik, Norway.

Full Papers

The working language of the conference is English.

Authors would submit their papers electronically in PDF format. For

the first submission, full papers can be 4-6 pages. For the

final submission, full papers should be 4-6 camera-ready pages with an option to extend to 8 pages with an additional fee. All papers are peer reviewed. Accepted papers will be published in IEEE proceedings volume to be included in IEEE Xplore.

Workshops and Tutorials

Proposals for half-day or full-day workshops or tutorials list of prospective speakers should include: title, organizers, abstract, brief description of the area of interest, and a list of prospective speakers.

Short Papers for Video Demonstration Session

Video demonstration sessions provide a great opportunity for authors to present their early-stage research, prototypes and products to symposium attendees. We will provide the sessions for playing narrated video. Our goal is to provide a highly demonstration forum for sharing the research and development results in terms of practical and

academical. Papers for 1st submission should be 2 pages and final manuscripts also be 2 camera-ready pages. All short papers are peer reviewed and accepted papers will be published in IEEE proceedings volume to be included in IEEE Xplore.

Special Sessions

Special sessions provide the opportunity to focus in detail on particular emerging topics, which are not reflected in the list of conference tracks or represent a specific working field where researchers would like to meet and discuss advances.

Topics

Topics of interest include but are not limited to

- **System integration**
  Control technologies, Robotics, Network systems, Plant engineering, Integration platform, Software design, Hardware design

- **Artifacts**
  Mechatronics systems, Automation, Virtual reality, Entertainment systems, Micro-nano systems.

- **Human and society**

  Welfare systems, Human factors, Environment/Ecological systems, Bio systems, Rescue systems, Intelligent Transportation systems

- **Assistive Technologies**

  Large-scale system simulation, Software systems, Networking systems, Decision making systems, Recognition, Human-robot interaction/ collaboration

Important Dates (tentative)

- **Proposals for Special sessions, workshops & Tutorials**
  Submission deadline: ~~July 30th., 2021~~
  Aug. 15th. 2021
  Notification of acceptance: ~~Aug. 6th., 2021~~
  Aug. 22nd., 2021

- **Full papers (4-6 pages)**
  Submission deadline: Sept. 1st., 2021
  Notification of acceptance: Oct. 1st., 2021
  Final paper submission deadline: Oct. 15th., 2021

- **Short papers for interactive or video demonstration session (2 pages)**
  Submission deadline: September 15th., 2021
  Notification of acceptance: Oct. 1st., 2021
  Final paper submission deadline: Oct. 15th., 2021

- **Late breaking report (1 page):**
  Submission deadline: Nov. 1st., 2021
  Notification of acceptance: Nov. 10th., 2021
  Final paper submission deadline: Nov. 20th., 2021

Conference Venue

- **Technical sessions, workshops & Tutorials**
  UiT the Arctic University of Norway

Organizing committee

General chair:
Bjørn Solvang (UiT the Arctic University of Norway)
Co-chair:
Mihoko Niitsuma (Chuo University, Japan)
Jun Ueda (Georgia Institute of Technology, USA)

Special Advisor to Organization Committee:
Yasuharu Kunii (Chuo University, Japan)

Program chair:
Wei Deng Solvang (UiT the Arctic University of Norway)
Co-chair:
Kenichi Ohara (Meijo University, Japan)

Special sessions chair:
Van Ho (Japan Advanced Institute of Science and Technology, Japan)

Financial chair:
Eirik Sund (UiT the Arctic University of Norway)

Publication chair:
Gabor Sziebig (UiT the Arctic University of Norway)
Co-chair:
Raymond Kristiansen (UiT the Arctic University of Norway)

Publicity chair:
Pavan Sriram (Digital Norway, Norway)

Registration and local events chair:
Wenche Kvernelv (UiT the Arctic University of Norway)

Conference secretary:
Christina Solberg (UiT the Arctic University of Norway)