

Message from the Symposium Chairs

ISSSR 2022

Security, safety, and reliability are the three most important attributes of a system. This is especially the case for mission-critical and life-threatening systems. As the complexity of many systems continues to grow, ensuring security, safety, and reliability has become very critical. Not only does existing technology and tool support need to be enhanced, but we also need new strategies and approaches to satisfy more strict requirements on system security, safety, and reliability. In response to this challenge, the Steering Committee of ISSSR has decided to change its conference name from *International Symposium on System and Software Reliability* to *International Symposium on System Security, Safety, and Reliability*. The acronym **ISSSR** is still the same, but the full name has been slightly modified to emphasize the importance of security, safety, and reliability of many systems.

Due to the ongoing COVID-19 pandemic and many travel constraints, ISSSR 2022 (*The Eighth International Symposium on System Security, Safety, and Reliability*), originally scheduled to be held in Chongqing, China on October 27 and 28, has been converted to a virtual mode with all presentations online via Zoom.

Following the same tradition, ISSSR 2022 is technically sponsored by the IEEE Reliability Society. The conference provides scientists and engineers from industry, academia, and government agencies a platform to present their ongoing work, relate their research outcomes and experiences, and discuss the best and most efficient techniques for the development of secure, safe, and reliable systems.

The technical program is organized in 10 sessions with more than 30 presentations. Papers accepted by ISSSR 2022 will appear in the conference proceedings published by IEEE, which will also be available in the Xplore Digital Library and submitted for Ei-indexing. Authors of top quality papers will be invited to submit extended versions of their work to a selected SCI journal for publication.

In addition to the presentation of regular and short research papers, fast abstracts, and workshop papers, ISSSR 2022 also has two keynote speeches:

- *Autonomic Computing in Large-Scale Computing System*
by Professor Yuanshun Dai, Southwest Jiaotong University, China
- *Human-Machine Cooperation in Junior Science Education: Development, Opportunities, and Challenges*
by Professor Liang Luo, University of Electronic Science and Technology of China

We would like to thank the organizing, program, and local committee members for their support. We give special acknowledgements to all the sponsors. Moreover, we thank all the authors and conference attendees for their participation in making a successful ISSSR conference. We hope that you enjoy this year's program and benefit from the technical discussions and presentations.

Steering Committee Chair

W. Eric Wong, *University of Texas at Dallas, USA*

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