

# ISSSR 2017

## The 3rd International Symposium on System and Software Reliability

October 14-15, 2017 • Zhengzhou, China

Software and system reliability is the probability of failure-free software and system operation for a specified period of time in a specified environment. Reliability is also an important factor affecting software and system dependence. Many life-critical systems being required to operate without a system failure for a given period of time, such examples as nuclear, aerospace, spacecraft and high-speed trains and other such systems, need the development of reliability. This symposium provides scientists and engineers from both industry and academia 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 reliable, secure, and trustworthy systems. It also represents an excellent opportunity for the academic community to become more aware of subject areas critical to the software industry as practitioners bring their needs to the table. The 2017 ISSSR will be held from October 14 to 15, 2017, which is following the 2016 ISSSR conference held in Zhengzhou sponsored by Zhengzhou University of Light Industry.

### TOPICS OF INTEREST

- ◆ Architecture and design based reliability and performance
- ◆ Formalization verification
- ◆ Fault tolerance and diagnosis
- ◆ Process improvement and maintenance
- ◆ Quality and safety
- ◆ Redundancy technology
- ◆ Reliability analysis and optimization
- ◆ Reliability measurement, estimation and predication
- ◆ Reliability modeling and validation
- ◆ Reliability requirement and growth models
- ◆ Reliability technological models
- ◆ Testing and simulation
- ◆ Trustworthy evaluation
- ◆ Data-Driven reliability model design
- ◆ Machine learning related to reliability

### IMPORTANT DATES

- ◆ July 25, 2017: Paper submission due
- ◆ August 20, 2017: Author notification
- ◆ August 30, 2017: Camera-ready and author registration due
- ◆ October 14-15, 2017: Conference dates

### SUBMISSION

Submit original papers (not published or submitted elsewhere) with a maximum of 10 pages (context and references). Include the title of the paper, and the name and affiliation of each author, a 150-word abstract, and up to 6 keywords. The format of your submission must follow the IEEE conference proceedings format. At least one Best Paper Award will be presented. Detailed instructions for paper submission can be found at <http://paris.utdallas.edu/issr17>.

### CONFERENCE PROCEEDINGS

The conference proceedings will be published by [International Journal of Performability Engineering](#). Papers presented at the conference will be submitted to Ei Compendex.

### ORGANIZING COMMITTEE

- |                   |               |  |
|-------------------|---------------|--|
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### GENERAL INQUIRIES

For more detailed and updated information, please refer to <http://paris.utdallas.edu/issr17>, or contact Mr. Hongwei Tao at email: [tthhww\\_811@163.com](mailto:tthhww_811@163.com), or by phone: +86-13526843691.