

ISSRE 2018

October 15-18, 2018

Memphis, TN, USA

The 29th IEEE International Symposium on Software Reliability Engineering

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Important Dates

May 1, 2018: Research Paper Abstract Submission

May 5, 2018: Research Paper Submission

April 21, 2018: Workshop Proposal Submission

July 1, 2018: Tutorial Proposal Submission

July 29, 2018: Industry Paper Submission

July 21, 2018: Doctoral Symposium Paper Submission

July 21, 2018: Fast Abstract Paper Submission

Description

The 29th annual IEEE International Symposium on Software Reliability Engineering (ISSRE) invites you to attend and contribute to the leading conference in its field. ISSRE focuses on innovative, high-impact techniques and tools for assessing, predicting, and improving the reliability, safety, and security of software products and computational systems and infrastructures. ISSRE publications, tracks and workshops emphasize industrial relevance and rigorous empirical studies.

ISSRE has grown over the years to become one of the few forums where the technical leadership from both academic institutions and economic players meet to learn from each other. Research papers are extensively reviewed by a large program committee and the selected papers are coveted. A committee of leading industry experts separately reviews papers Industry track papers, emphasizing innovation, relevance and applicability. ISSRE has some of the best Industry case studies reported. We also take special pride in our workshops, which have picked up considerable momentum with some becoming regular and co-locating with ISSRE year after year.

Topics of interest

ISSRE covers a broad range of topics, including (but not limited to):

Reliability, availability and safety of software systems
Validation and Verification
Faults, errors, failures, defects, bugs
Software quality and productivity
Software security
Dependability, survivability, fault tolerance and resilience of software systems
Systems (hardware + software) reliability engineering
Metrics and measurements, estimation, prediction of quality/reliability
Services reliability engineering
Open source software reliability engineering
Web 2.0 reliability, availability and security issues
Supporting tools and automation
Industry best practices
Software as a Service
Virtualization and software reliability
Reliability of mobile devices and applications
Green and Sustainable Software engineering
Reliability of Big Data and Internet of Things
Empirical studies of any of the above topics
Software Standards

Satellite workshops will be posted later on the website: [http:// issre.net](http://issre.net)

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