

Call For Papers
IEEE SRDS 2012
31st International Symposium on Reliable Distributed Systems
October 8-11, 2012, Irvine, California, USA
<http://web.mst.edu/~cswebdb/srds2012/>

Symposium Co-Chairs

Sanjay Madria, Missouri S&T,
USA
Sharad Mehrotra, University of
California-Irvine, USA

**Technical Program
Committee Co-Chairs**

Takahiro Hara, Osaka
University, Japan
Leszek Lilien, Western
Michigan University, USA
Istvan Majzik, Budapest
University of Technology
and Economics, Hungary

Finance Chair

Sriram Chellappan, Missouri S
& T, USA

**Local Arrangements Co-
Chairs**

Phillip Sheu, University of
California-Irvine, USA
George Wang, California State
University, USA

Publication Chair

Biswajit Panja, University of
Michigan-Flint, USA

Best Paper Award Co-Chairs

Anoop Singhal, NIST, USA
Atul Prakash, University of
Michigan, USA

Workshop Co-Chairs

Pin Zhou, IBM Almaden, USA
Ravi Prakash, University of
Texas-Dallas, USA

PhD Forum Co-chairs

Aniruddha Gokhale, Vanderbilt
University, USA
Qi Han, Colorado School of
Mines, USA

Publicity Co-Chairs

Nayot Poolsappasit, Missouri S
& T, USA
Anirban Mondal, IIITD, India

SC Liaisons

Bharat Bhargava, Purdue
University, USA

The Symposium on Reliable Distributed Systems is a forum for researchers and practitioners interested in distributed systems design, development and evaluation, with emphasis on reliability, availability, safety, security, trust and real time. We welcome original research papers as well as practical experience reports that deal with design, development and experimental results of operational systems.

Topics of Interest

The major areas of interest include, but are not limited to, the following topics:

- * Cloud computing and virtualization
- * Autonomic, pervasive, and ubiquitous computing
- * Secure and trusted storage systems
- * Secure and dependable web services
- * High-confidence and safety-critical systems
- * Parallel and distributed operating systems
- * Distributed objects and middleware systems
- * Fault-tolerant and secure sensor networks
- * Event-based processing and peer-to-peer infrastructures
- * Distributed databases and transaction processing
- * Distributed measurement, monitoring, and predictions
- * Wireless ad hoc networks
- * Electronic commerce and enabling technologies
- * Formal methods and foundations for dependable distributed computing
- * Analytical or experimental evaluations of dependable distributed systems
- * Internet-based systems and applications
- * Scalable systems design
- * QoS control and assessment
- * Trust and scalable system design in social networks
- * Social media and privacy issues

Submission Guidelines

Papers must be written in English. Regular Papers describing original research as well as design, development and experimental results of operational systems, and Practical Experience Reports describing on-going industrial projects, prototype systems and exploratory or emerging applications, should be no longer than 10 pages, following the IEEE two-column format for conference proceedings, in font size no smaller than 10 points, and must fit properly on US "Letter-size" paper (8.5 x 11 inches). All papers that deviate from these specifications will be rejected automatically. Authors are requested to first register their submissions and submit their manuscripts in PDF format. Submission details can be found at <http://web.mst.edu/~cswebdb/srds2012/>. Accepted papers will appear in the symposium proceedings, which will be published by the IEEE Computer Society.

Best Paper Award

All papers accepted for presentation at the symposium will be evaluated by the Best Paper Award Co-Chairs for the best paper award.

Workshops

Workshops will be held in conjunction with SRDS 2012 on 8th/11th October, 2012.

Submission Deadlines

Abstract submission: 26th March 2012
Author Notification: 20th June 2012

Paper submission : 2nd April 2012
Camera-ready: 16th July 2012