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Call for Papers

PRDC 2010 is the sixteenth in this series of symposia started in 1989 that are devoted to dependable and fault tolerant computing. PRDC is now recognized as the main regular event of the Pacific area that is covering the many dimensions of dependability and fault tolerance, encompassing fundamental theoretical approaches, practical experimental projects, and commercial components and systems. As applications of computing systems have permeated in every aspects of daily life, the dependability of computing system has become increasingly critical. This symposium provides a forum for countries around the Pacific Rim and other areas of the world to exchange ideas for improving the dependability of computing systems.

Topics of interest include (but not limited to):

- Software and hardware reliability, testing, verification and validation
- Dependability measurement, modeling and evaluation
- Security quantification
- Self-healing, self-protecting and fault-tolerant systems
- Software aging and rejuvenation
- Safety-critical systems and software
- Architecture and system design for dependability
- Fault tolerant algorithms and protocols
- Tools for design and evaluation of dependable systems
- Reliability in Internet and Web systems and applications
- Information security in Internet
- Dependability issues in computer networks and communications
- Dependability issues in distributed and parallel systems
- Dependability issues in real-time systems, database and transaction processing systems
- Dependability issues in autonomic computing
- Dependability issues in embedded systems

Paper Submissions

Manuscripts should be submitted in the following categories: Regular Papers and Practical Experience Reports. Regular Papers should describe original research (not submitted or published elsewhere) and be not more than 20 double-spaced pages including figures and tables using 11-point type. Practical Experience Reports (of 5-12 pages) should describe an experience or a case study, such as the design and deployment of a system or actual failure and recovery field data. The title page should include a 150-word abstract, five keywords, authors' names and affiliations and a line specifying whether the submission is a Regular Paper or a Practical Experience Report. The full mailing address, phone, fax and email address of the corresponding author should be specified.

All submissions must be made electronically (in PDF format) on web site. Additional submission opportunities are also possible at a later deadline under the form of Fast Abstracts. Please visit our web site for full submission instructions and updated information on the symposium. Papers will be reviewed internationally and selected based on their originality, significance, relevance, and clarity of presentation. All accepted papers will be published by IEEE Computer Society Press.

Important Dates

Submission: May 14, 2010

Notification: July 7, 2010

Final version: August 28, 2010



Call for Fast Abstracts

PRDC 2010 calls for Fast Abstracts (details are available at the symposium web page). Submission deadline is August 7, 2010.