The 14th IEEE Pacific Rim International Symposium on Dependable Computing (PRDC'08)

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CALL FOR PAPERS

PRDC 2008 is the fourteenth 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.

The symposium will be organized by the National Taiwan University of Science and Technology, Taipei, the capital of Taiwan. Taipei is a vibrant blend of traditional culture and cosmopolitan life. Taipei is the political, economic, educational and recreational center of the country, offering an array of significant cultural sights. A more recent cultural focal point in the city is the National Palace Museum, which houses hundreds of thousands of Chinese antiques and art works. The 101 tower is the highest building in the world currently, surrounded by a lot of department stores.

Topics of interest include (but not limited to):
- Software and hardware reliability, testing, verification and validation
- Dependability measurement, modeling and evaluation
- Survivability quantification
- 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
- Multi-medium in dependable computing
- Bioinformatics in dependable computing
- 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
- Industrial applications

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 addresses and include 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 (http://www.csie.ntust.edu.tw/prdc08). 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. Selected papers will be published in a special issue of some International Journals.

Important Dates
Submission:	**May 15, 2008**
Notification:	**July 31, 2008**
Final version:	**September 15, 2008**

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