



The 12th IEEE International Symposium on Pacific Rim Dependable Computing (PRDC'06)

at University of California, Riverside, USA

December 18-20, 2006

<http://www.cs.iupui.edu/~ydai/PRDC06/>

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CALL FOR PAPERS



PRDC 2006 is the twelfth 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 University of California, Riverside, a city on the west coast of USA. The roots of the University of California date back to 1907 when the California State Legislature established the Citrus Experiment Station to conduct research on the agricultural problems of Southern California. Riverside is fortunate to have a wealth of sites and buildings that provide a link to the city's past and a strong sense of place. Examples include the Mission Inn, the Chinatown site, the National Packing House, Citrus Experiment Station and engineering feats like the Gage Canal. Riverside is also close to some famous sites including Disneyland, Beaches, and some big cities.

Topics of interest include (but not limited to):

- Software and hardware reliability, testing, verification and validation
- Dependability measurement, modeling and evaluation
- 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
- 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

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 address 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. 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. <http://www.cs.iupui.edu/~ydai/PRDC06/>

IMPORTANT DATES

Submission:	May 22, 2006 (Extended to June 6th, Strict Deadline)
Notification :	July 31, 2006
Final version:	September 15, 2006

PUBLICATION

All accepted papers will be published in IEEE Proceedings on PRDC'06 to be indexed by SCI and EI. Selected papers that are presented will be published in a special issue of *Some International Journals*