

4th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2010)

Second Call for Papers (updated)

You are invited to participate in APARM 2010
in Wellington, New Zealand, 2-4 December 2010

Sponsored by

Victoria University of Wellington, New Zealand

In cooperation with

Operations Research Society of New Zealand

Operations Research Society of Japan

Reliability Engineering Association of Japan

IEICE Technical Group on Reliability, Japan

IEEE Reliability Society Japan Chapter

The Korean Reliability Society

The Korean Society of Quality Management

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Objective

The 4th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2010) is a continuation of the series of successful workshops - AIWARM 2004 (Hiroshima, Japan), AIWARM 2006 (Busan, Korea), AIWARM 2008 (Taichung, Taiwan). It will be held in Wellington, New Zealand, 2-4 December 2010. The theme of APARM 2010 is "Beyond the Traditional Reliability and Maintainability Approaches". The symposium will cover all the key topics in reliability, maintainability, and safety engineering. The keynote speakers are the following prominent researchers: **Estate Khmaladze** (Victoria University of Wellington, New Zealand), **Chin Diew Lai** (Massey University, New Zealand), **D.N.P. Murthy** (University of Queensland, Australia), **Helena Szczerbicka** (Leibniz Universität Hannover, Germany), **Kishor Trivedi** (Duke University, USA). The aim of the symposium is to bring together researchers, scientists and practitioners from Asia-Pacific to identify important and challenging problems in these areas. It will provide an in-depth representation of theory and practice in reliability, maintainability, and safety engineering.

Scope

Submissions from both industry and academia on all topics related to reliability modeling and design techniques for all kinds of systems are welcome. The topics include, but are not limited to:

network reliability and optimization	fault-tolerant computing
safety and risk assessment	software reliability and testing
maintenance modeling	internet reliability engineering
maintenance optimization	security issues
survival analysis	Bayesian reliability
estimation and statistical tests	dependability modeling
reliability physics	communication systems
accelerated life testing	computer systems reliability
warranty analysis	manufacturing systems reliability
human reliability	design for six sigma

Registration Fee

Regular Registration	Before	25 August 2010:	NZ\$ 650
	After	25 August 2010:	NZ\$ 750
Student Registration	Before	25 August 2010:	NZ\$ 330
	After	25 August 2010:	NZ\$ 400

Local Organizing Committee:

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<http://msor.victoria.ac.nz/Events/APARM2010/APARM2010>

Important Dates

1 April 2010	Special sessions proposal due
15 July 2010	Regular papers due
15 August 2010	Acceptance notification
25 August 2010	Camera ready papers due
25 August 2010	Early registration and hotel reservation due
2 – 4 December 2010	Symposium

Submission Information

All papers (maximum 8 pages) must be submitted online in MS Word or LaTeX2e format together with an Acrobat PDF version of the final submission. All accepted papers will be included in the symposium proceedings, published by McGraw Hill. The proceedings will be distributed to all participants at the Symposium. After the workshop, selected outstanding papers will be published in special issues of peer-reviewed journals: Asia-Pacific Journal of Operational Research (APJOR), Journal of Quality in Maintenance Engineering (JQME), Journal of Reliability and Quality Performance (IJRQP), Quality Technology and Quantitative Management Journal (QTQM) and Applied Stochastic Models in Business and Industry (ASMBI). Call for papers for all special issues will be posted on the webpage of APARM2010: <http://msor.victoria.ac.nz/Events/APARM2010/SpecialIssues>.

Also, you are welcome to organize special sessions, with 4-5 papers in each session, dedicated to a topic of your interest. Please email your proposal to APARM2010@msor.vuw.ac.nz and it will be forwarded to the program chairs. **For details see the webpage of APARM2010.**

An accepted paper will be included in the proceedings only if at least one of the authors registers by 25 August 2010. One registration fee allows for the publication of no more than two papers. The regular registration fee also includes the participation at all keynote speeches and technical sessions, conference tour, lunches and banquet. For student registration, the conference tour and banquet are not included. The method for payment will be announced later.

