

6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014)

21– 23 August 2014, Sapporo, Japan



Call for Papers

You are invited to participate in the APARM 2014
in Sapporo, Japan, 21– 23 August 2014

Sponsored by

Hokkai-Gakuen University, Japan

Japan World Exposition 1970 Commemorative Fund, Japan

In cooperation with

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Industrial Engineering Committee, Chinese Society Optimization,
China

Overall Planning and Economical Mathematics, China

The Korean Reliability Society, Korea

The Korea Society for Quality Management, Korea

Operations Research Society of Japan, Japan

Reliability Engineering Association of Japan, Japan

IEICE Technical Committee on Reliability, Japan

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Objective

The 6th Asia-Pacific International Symposium on Advanced Reliability and Maintenance Modeling (APARM 2014), which is a continuation of the series of successful workshops - AIWARM 2004 (Hiroshima, Japan), AIWARM 2006 (Busan, Korea), AIWARM 2008 (Taichung, Taiwan), APARM 2010 (Wellington, New Zealand), APARM 2012 (Nangjing, China), **be held in Sapporo, Japan, 21-23 August, 2014**. The theme of APARM 2014 is “Recent Developments on Reliability, Maintainability and Dependability”. APARM 2014 is a symposium for the dissemination of state-of-the-art research and its practice in reliability engineering, maintenance and related issues in the Asia-Pacific region. The aim of the symposium is to bring together researchers, scientists and practitioners from Asia-Pacific to identify important and challenging problems and issues in the area of reliability and maintainability and work together to discover feasible solutions for these problems. The symposium will cover all the key topics in reliability, maintainability, and safety engineering. It will provide an in-depth representation of theory and practice in these areas.

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:

Accelerated Life Testing

Communication Systems

Dependability Modeling

Estimation and Statistical Tests

Human Reliability

Maintenance Modeling

Network Reliability and Optimization

Safety and Risk Assessment

Software Reliability and Testing

Systems Reliability

Cyber Security

Bayesian Reliability

Computer Systems Reliability

Design for Six Sigma

Fault-tolerant Computing

Internet Reliability Engineering

Maintenance Optimization

Reliability Physics

Security Issues

Service and Reliability

Survival Analysis

Warranty Analysis Manufacturing

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Important Dates

Dec. 31, 2013

Feb. 28, 2014

Mar. 31, 2014

Apr. 30, 2014

Apr. 30, 2014

Aug. 21 - 23, 2014

Special sessions proposal due

Regular papers due

Acceptance notification

Camera ready papers due

Early registration due

Symposium(Hokkai-Gakuen University)

Registration Fee

Regular Registration	Before April 30, 2014:	JPY 50,000
	After April 30, 2014:	JPY 55,000
Student Registration	Before April 30, 2014:	JPY 30,000
	After April 30, 2014:	JPY 35,000

Submission Information

All papers (maximum 8 pages) must be submitted online in MS Word or LaTeX2e format. Also, an Acrobat PDF version of the final submission should be provided. All accepted papers will be included in the symposium proceedings. 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 (not finalized).

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 APARM2014@aparmnet.org and it will be forwarded to the program chairs.

An accepted paper will be included in the proceedings only if at least one of the authors registers by April 30, 2014. The regular registration fee includes the participation to all keynote speeches and technical sessions, conference tour, lunches and banquet. For student registration, both the conference tour and banquet are not included. The method for payment will be announced later.

Where is Sapporo?

(From Sapporo Tourism Official website in Culture and Tourism Bureau)

Sapporo is the northernmost city designated by government ordinance. It has the 5th largest population in Japan. The characteristics of the summer is that there is no rainy season and is not affected by hurricanes. The water resources is abundant due to snow that remains on the mountains into the summer, which acts as storage of water. The average temperature reaches 20°C (68°F) in the summer, but the humidity is low and the temperature is cool during the morning and evening.

Conveniently situated close to the city of Sapporo, New Chitose Airport has regular direct international flights to various cities overseas, with domestic flights to Japan's main international airports at Narita, Haneda, Nagoya and Kansai as well as other regional airports. Also, Okadama Airport, in the suburbs of Sapporo, provides connections to more than six regional airports throughout Hokkaido.

<http://www.welcome.city.sapporo.jp/?lang=en>

