

Conference Announcement  
and Call for Papers  
**PSAM Topical  
Conference in Tokyo**  
In light of  
the Fukushima Dai-ichi Accident  
15-17 April 2013  
Tokyo, Japan  
<http://www.psam2013.org/>



**Scope of the conference**

Tokyo PSAM 2013 is a special Topical Conference which will put the spotlight on the Fukushima Dai-ichi Nuclear Power Station Accident from the PSA point of view.

Tokyo PSAM 2013 will offer the international PSA community an open forum atmosphere to focus on Fukushima Dai-ichi and discuss: what went wrong, how likely was it, and what were the consequences. This Topical PSAM naturally follows the Fukushima Accident Sessions to be held in PSAM11 in Helsinki in 2012.

We invite everyone from the international PSA community, academia, business, and regulatory organizations, to come and participate.

**Special Lectures on Fukushima Dai-ichi NPP Accident**

- **Opening Plenary Speakers**  
Shunsuke Kondo (AEC, Japan)  
George Apostolakis (NRC, USA)
- **Keynote speakers**  
(Prominent speakers are to be invited)
  - ✓ Fukushima Accident Delineation
  - ✓ Seismic Engineering
  - ✓ Tsunami Engineering
  - ✓ PSA Methodology and Application
  - ✓ Nuclear Safety Engineering, and so on



**Important dates**

Submission of Abstracts	31 July 2012
Notification to Authors	28 September 2012
Full Paper Submission	15 January 2013
Notification of Acceptance	15 February 2013
Conference Dates	15-17 April 2013

**Registration**

The Conference registration fee is expected to be in the range of \$600 - \$700 USD.

Registration forms for the Conference and Hotel Accommodation Booking will appear on the Tokyo PSAM 2013 homepage and the IAPSAM homepage.

**Conference venue**

Hyatt Regency Tokyo in Shinjuku, Tokyo



## Fukushima related topics

- External Events
- Design Basis Earthquake and Flood
- Common Cause Failure
- Low Likelihood - High Consequence Events and Uncertainties
- Severe Accidents on Multiple Units
- Containment Integrity and Source Term
- Hydrogen Issues
- Spent Fuel Pool Cooling
- Accident Management and Training
- Station Blackout / Loss of Ultimate Heat Sink
- Safety Culture and Human & Organizational Factors
- HRA under Severe Accident Conditions
- Communication and Decision Making under Severe Accident Conditions
- Environmental Consequence Analyses
- Emergency Preparedness and Response
- Environmental Issues, Decontamination and Waste Management
- Stress Tests and PSA
- Severe Accidents and PSA in New and Advanced Reactors
- Safety Goals and Objectives
- Risk Perception and Communication
- Role of PSA for Continuous Improvement
- Regulatory Policy and Legislative Issues

## Organization

### ■ Honorary Chair

- Shunsuke KONDO, Chairperson of Japan AEC

### ■ Conference General Committee

Chair

- Akira YAMAGUCHI, Osaka University

Co-Chairs

- Bruce HALLBERT, INL
- Reino VIROLAINEN, STUK

### ■ Organizing Committee

Chair

- Hisashi NINOKATA, Tokyo Institute of Technology

Co-chairs

- Woody EPSTEIN, Scandpower
- Vincent HO, MTR

### ■ Technical Program Committee

Chair

- Masashi HIRANO, JNES

Co-Chairs

- David JOHNSON, ABSG Consulting
- Tsu-Mu KAO, INER

## Technical disciplines

- Basic Methodologies and Tools
- Consequence and Phenomena Modeling
- Environmental Impact Assessment
- Enterprise/Business Risk Management
- Human Factors and Behavioral Sciences
- Industrial Safety and Accident Analysis
- Occupational Safety & Health
- PSA Applications
- Methodologies and Applications for Reliability, Availability and Maintainability
- Risk-Informed Policy and Regulations
- Risk Management and Decision Making
- Risk Perception and Communication
- Safety Culture and Organizational Factors
- Safety Management Systems
- Software Reliability and Data Analysis
- Structural Reliability Methods
- Systems Safety Assurance

## Abstract submission

Prospective authors wishing to present their works are requested to submit a one-page abstract in English (maximum 400 words).

Full-length papers, on-going research, and "short note" proposals are all acceptable.

Details will appear on the Tokyo PSAM 2013 homepage and the IAPSAM homepage in March 2012.

## Language

The language of the Conference is English.

## Conference secretariat

Nuclear Safety Research Association

### ■ Chief secretariat

- Hidetaka ISHIKAWA

Address : 5-18-7, Shinbashi,  
Minato-ku, Tokyo, Japan  
1050004

Fax : +81-3-5470-1991

E-mail : [info@psam2013.org](mailto:info@psam2013.org)

## Homepage address

<http://www.psam2013.org/>

Visit the Tokyo PSAM 2013 homepage at <http://www.psam2013.org/>  
and the IAPSAM homepage at <http://www.iapsam.org/>