

PSAM 14



Probabilistic Safety Assessment and Management

16–21 September 2018 • UCLA Meyer & Renee Luskin Conference Center, Los Angeles, CA

First Announcement



Conference website: www.psam14.org

Important Dates

Abstracts Submission Deadline	17 November 2017
Notification to Authors	15 December 2017
Full Paper Submission Deadline	23 February 2018
Early Registration Deadline	8 June 2018
Conference Dates	16-21 Sept. 2018

Previous Conferences

PSAM 1	Beverly Hills, USA	1991
PSAM 2	San Diego, USA	1994
PSAM 3 & ESREL '96	Crete, Greece	1996
PSAM 4	New York, USA	1998
PSAM 5	Osaka, Japan	2000
PSAM 6	San Juan, Puerto Rico	2002
PSAM 7 & ESREL '04	Berlin, Germany	2004
PSAM 8	New Orleans, USA	2006
PSAM 9	Hong Kong, China	2008
PSAM 10	Seattle, USA	2010
PSAM 11 & ESREL '12	Helsinki, Finland	2012
PSAM Topical Fukushima	Tokyo, Japan	2013
PSAM 12	Honolulu, Hawaii, USA	2014
PSAM 13	Seoul, Korea	2016
PSAM Topical Offshore Oil/Gas	Rio de Janeiro	2016
PSAM Topical HRA	Munich, Germany	2017



UCLA is a world-class academic institution and a world-famous destination for entertainment, cultural exploration and athletic feats.

Email contact: secretariat@psam14.org

In September 2018, the PSAM conference will take its rotation back to the United States in new UCLA Luskin Conference Center in Los Angeles, CA. It is hoped that this 14th edition of conference will be the largest PSAM yet, and attendees are encouraged to bring their families to beautiful Los Angeles.

The conference brings together experts from various industries, research organizations, regulatory authorities and universities. It offers a platform for contacts between different fields from nuclear, process and chemical industries, off-shore and marine, transportation, space and aviation, IT and telecommunications, bio and medical technology, civil engineering, financial management and other fields.

The multi-disciplinary Conference is aimed to ensure the cross-fertilization of methods, technologies and ideas for the benefit of all.

www.psam14.org

Conference General Chair

Dr. David Johnson
Research Affiliate
Lead, Nuclear Safety and Security Unit
B. John Garrick Institute for the Risk Sciences
Los Angeles, CA USA
Email: secretariat@psam14.org

Conference Honorary Chair

Dr. B. John Garrick
B. John Garrick Institute for the Risk Sciences
Los Angeles, CA USA

Program Committee Chair

Prof. Enrique Lopez Drogue
Mechanical Engineering Department
University of Chile
Santiago, Chile
Email: technical.chair@psam14.org

Organizing Committee

Dr. David Johnson
Prof. Enrique Lopez Drogue
Hanna Shapira (TICS)

Methodology Areas

- Risk Assessment Methods
- Risk and Hazard Analyses
- Risk Governance and Societal Safety
- Risk Informed Applications
- Risk Perception and Communication
- External Hazard PSA/PRA
- Site Level (Multi-Unit, Multi-Source) PSA/PRA
- Industrial Safety
- Accident Analysis and Modeling
- Consequence Modeling and Management
- Environmental Risk Assessment
- Organizational Factors and Safety Culture
- Policy Making and Legislative Issues
- Internal Hazards PSA/PRA
- Dynamic PSA/PRA
- Human Factors and Human Reliability
- Resilience Engineering
- Reliability Analysis
- Dependence Modeling and Analysis
- Maintenance Modelling and Optimization
- Mathematical Methods in Reliability and Safety
- Prognostics and System Health Management
- Structural Reliability Analysis Methods
- Uncertainty and Sensitivity Analysis

Application Areas

- Aeronautics and Aerospace
- Chemical and Petrochemical Processes Industry
- Infrastructures
- Energy
- Information Technology and Telecommunication
- Water and Land Transportation
- Manufacturing
- Maritime and Offshore Technology
- Natural Hazards
- Nuclear Industry
- Occupational Safety
- Oil and Gas Industry
- Health and Medicine
- Automotive Engineering