



PSA 2011 Wilmington, NC

International Topical Meeting on Probabilistic Safety Assessment and Analysis
March 13-17, 2011 • Hilton Wilmington Riverside • Wilmington, NC USA

Call for Papers

March 13-17 2011, Wilmington NC, USA – PSA 2011 celebrates 30-plus years of American Nuclear Society (ANS) Topical Meetings on Probabilistic Safety Assessment and Analysis (PSA). The ANS Nuclear Installations Safety Division (NISD) and the Wilmington Area Local Section of the ANS (WLS) sponsor PSA 2011. PSA 2011 celebrates those individuals who, through insight and individual dedication, have made PSA Technology and the ANS Meetings very successful.

Newport Beach, CA, hosted the first PSA Topical Meeting in May 1978 with about 325 people in attendance and 100 papers presented. The conference titled “Probabilistic Analysis of Nuclear Reactor Safety” had Dave Okrent (UCLA and ACRS) as the Technical Program Chair. Some of the original attendees are still active in PSA. NISD has hosted PSA meetings every 2 to 4 years in cities around the USA except for the 1987 meeting held in Zurich.



Don't miss the Wilmington PSA Conference in March 2011 and plan to attend a special panel exploring and highlighting the advances in PSA technology during the past 30 years.

Topical Meeting Sessions

Summaries - Describe significant work using 300-600 words in English; electronic submission in Adobe Acrobat (pdf) or MS-Word format; submit summaries and papers at <http://www.psa2011.org>. Summaries outside these listed sessions are also welcome.

- Accident Analysis Level 2 & 3
- Advanced Nuclear Systems
- Dynamic PSA
- Common Cause Failures
- Computer Codes
- Configuration Risk Management
- Digital I&C
- Cyber Security
- Environmental Impact
- Fire and NFPA 805
- Flooding PSA
- Fuel Cycle (Proliferation Risk)
- Generation Risk (All operating modes)
- Human Reliability
- Human Factors and Behavioral Sciences
- Incorporation of Ageing Aspects
- Low Power / Shutdown PSA
- Next-Generation Reactors

- Non-Light Water Reactor
- Mitigating Systems Performance Index (MSPI) Issues
- NASA and Space Applications
- Natural Hazards and External Events
- Non-Reactor, Nuclear Applications
- Parameter and Modeling Uncertainty
- Passive Systems Safety
- Proliferation Risk
- PSA Challenges – Manpower
- PSA in DOE Facilities (Panel)
- PSA Standards Development
- Reliability Centered Maintenance
- Risk Informed Plant Security
- Risk Informed Regulation & Licensing
- Risk Perception and Communication

- Safety Culture & Organizational Factors
- Safety Margins and PSA
- Significance Determination Process (SDP) Issues
- Seismic PSA
- Software Reliability and Data Analysis
- Spent Fuel & Rad Waste Issues
- Standardized Plant Analysis Risk (SPAR) Models Status
- Standards and Peer Reviews
- Structural Reliability Methods
- PSA Training and Education
- Transportation Risks
- Waste Management and Decommissioning

Key Dates

January 2010
Call For Papers

September 2010
Electronic Abstract Submission

January 2011
Submission of Full Papers

July – December 2010
Indicate Intention to Attend/Present Paper

December 2010
Author Acceptance Notification

January - March 2011
Registration, Hotel Reservation

Additional Information at <http://www.psa2011.org> or E-mail info@psa2011.org



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Organizing Committee

Honorary Chair:	Dr. George Apostolakis, MIT & US NRC Commissioner
Conference Chair:	Rick Grantom, South Texas Project
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Workshops:	Dr. Kelli Fellows, UNC-Wilmington
Student Coordinator:	Ms. Lisa Marshall, NC State
ANS Local Section Coordinator:	Tyler Schweitzer, Wilmington Area Local Section of ANS (WLS)
Tours and Special Events	
Golf Outing:	Bret Nelson, WLS
Banquet:	Tyler Schweitzer, WLS
Deep Sea Fishing:	Randy Morrill, WLS
Guest Program:	Arielle Miller, PE, WLS
Brunswick BWR NP Tour:	Bruce Hartsock, Progress Energy
GNF Fuel Facility Tour	Jim Fawks, WLS
Registration:	Matthew Warner, WLS
Web Content:	Dr. Bulent Alpay, GEH
Web Site:	Hanna Shapira, Techno-Info Comprehensive Solutions



Photo courtesy of John Newton

Hotel

Wilmington, NC USA - Hilton Wilmington Riverside

The Hilton Wilmington Riverside is located in the heart of the Historic Downtown District Wilmington, NC USA on the shore of the Cape Fear River. Reservations <http://www.hilton.com> or 1-800-HILTONS.

Contacts

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Technical - Dennis Henneke	☎ - 910-819-6780	✉ - dennis@psa2011.org
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Sponsors

Commercial Companies, Utilities, Regulators, National Laboratories and Nuclear Societies in Europe, Americas and Asia are cosponsors of PSA 2011. See <http://www.psa2011.org> for the complete list.



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Additional Information at <http://www.psa2011.org> or E-mail info@psa2011.org