



# ANS

# PSA 2019

## 28 April - 3 May 2019

[www.psa.ans.org/2019](http://www.psa.ans.org/2019)

**16th ANS International Conference on Probabilistic Safety Assessment & Analysis**  
**Charleston, South Carolina USA ♦ Marriott Charleston**  
*Role of Probabilistic Methods in Understanding Uncertainties and Improving the Safety and Security Of Nuclear Facilities and Activities*

General Chair: Kevin O’Kula, AECOM N&E Technical Services

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Sponsorships/Exhibits: Duane Twining, SCANA

Call for Abstracts: Spring 2018

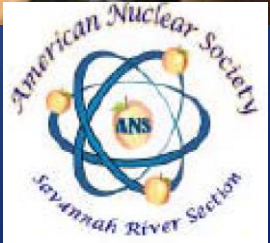
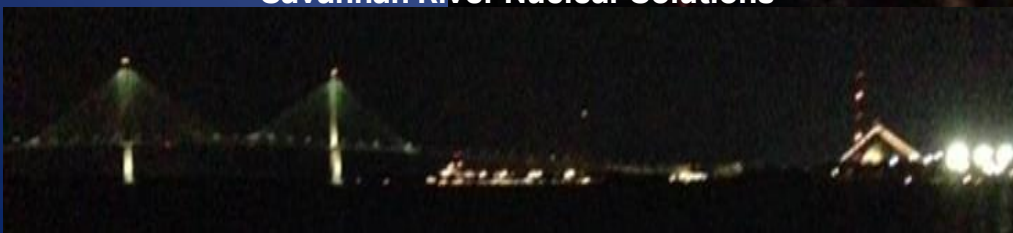
**Seeking Papers in the Following:**

- Category I: PSA Analyses (Methods, Applications, Regulatory-Related, Results)
- Category II: Advanced Topics/Specific Methods & Tools
- Category III: Standards /Training /Regulation

Publications: Tracy Stover,  
Savannah River Nuclear Solutions



# Save the Date!





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## PSA 2019 Paper Categories and Subjects Call for Abstracts Coming in Spring 2018

### Category I: PSA Analyses (Methods, Applications, Regulatory-Related, Results)

- Level-1 PSA, Level-2 PSA, Level-3 PSA
- Advance Reactor PSAs
- Other (Non-Reactor) Risks
- Risk Management
- Cyber/ Security Risk
- Accident Management
- Extended Accidents
- External Events (Seismic, Flood, Wind, Others)
- Internal Fire and Implementation of NFPA805
- Internal Flood
- Fukushima Accident
- Fuel Cycle and Proliferation
- SMR PSAs
- Non-LWR PSAs
- Low Power & Shutdown
- Margin Assessments
- Plant PSA Applications (including site PSAs)
- Transportation Risks
- Onsite Waste Storage
- Repository PSA
- TMI + 40, and PSA Advances

### Category II: Advanced Topics/Specific Methods/Tools

- Common Cause
- Risk-Informed Decision-Making
- Computer Tools
- Data Analysis
- Digital I&C and Software Reliability
- Dynamic PSA
- Multi-Unit Risk & Risk Integration
- Modeling FLEX Equipment in PRAs
- HRA
- Aging
- Passive System Reliability
- Safety Culture, Socio-technical and Organizational Risk
- Uncertainty Quantification

### Category III: Standards /Training /Regulation

- Risk-Informed Decision Making/ Risk-Informed Regulation
- Education/Training
- PRA Standards
- Safety Goals
- Economic Risk
- Defense in Depth

**Marriott Charleston (See web page in April 2018)**

**170 Lockwood Boulevard, Charleston, South Carolina 29403 USA**

**Reservation Counter Call Center: +1.844.327.4043**

**<http://www.marriott.com/hotels/travel/chsmc-charleston-marriott/>**

