

D&RS 2016 - Call for Papers



Instructions for Authors

Contributors are invited to submit summaries on the conference topics list. Full technical papers are not being requested. The Technical Program Committee will decide whether the summary will be presented at a technical session or as a poster.

Format

Authors are now REQUIRED to use the ANS Template and “Guidelines for TRANSACTIONS Summary Preparation” provided on the ANS Web site at <http://www.ans.org/pubs/transactions>. Submit summaries electronically to the ANS Electronic Paper Submission and Review System at <http://epsr.ans.org/> in Adobe Acrobat (PDF) or Microsoft Word format. Summaries not based on the ANS Template will be REJECTED.

Length

Text – 5 pages maximum, English only

Figures and tables – three figures and/or tables maximum, included in page count.

Content

1. Introduction: State the purpose of the work.
2. Description of the actual work: Must be NEW and SIGNIFICANT.
3. Results: Discuss their significance.
4. Appendices: If any, must be called out in the text. Equations, figures, and tables are listed with letters corresponding to each respective appendix.
5. References: If any, must be closely related published works. Minimize the number of references.
6. Do not present a bibliographical listing

Please submit summaries describing work that is NEW, SIGNIFICANT, and RELEVANT to the nuclear decommissioning and remote systems industries. ANS will publish all accepted summaries in the Topical Meeting Proceedings for the meeting. Papers are presented either orally or via a poster at the meeting,

Presenters are expected to register for the meeting.

Author’s Organizational Approval

1. All internal reviews and organizational approvals must be completed prior to submittal of the final extended summary.
2. It is the responsibility of the author to protect proprietary and classified information.

Where to Submit a Summary for Review

Submit summaries via the ANS website (<http://desd.ans.org>) in Microsoft Word or PDF format. Click on the “Electronic Paper Submission and Review” link under Resources and Tools. If you experience problems submitting your abstract via the web, please notify Ellen Leitschuh (Tel: 708-579-8253 or eleitschuh@ans.org).

Important Dates:

- **SUBMISSION OF SUMMARIES: October 1, 2015 – January 10, 2016**
- **AUTHOR NOTIFICATION OF ACCEPTANCE: February 25, 2016**
- **REVISED SUMMARIES DUE: March 11, 2016**
- **CONFERENCE DATE: JULY 31 – AUGUST 4, 2016**

Topical Officials

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Final Summary Preparation for Publication in Conference Proceedings

After the Technical Program Committee reviews the submissions, summaries will be included on the proceedings CD which will be distributed at the beginning of the meeting. Some authors may receive comments or questions from the Technical Program Committee to incorporate or answer prior to submitting their final summaries.

For More Information Contact

Contact Topical Officials or go to the topical website.

Anticipated Technical Sessions for 2016

Decommissioning & Environmental Science (DES)	Robotics & Remote Systems (RRS)
<ul style="list-style-type: none">▪ International Decommissioning Projects▪ US Commercial Decommissioning Projects▪ DOE Decommissioning Projects▪ Reactor Accident Clean-up and Recovery▪ Fast Reactor Decommissioning Projects▪ Project Infrastructure & Regulatory Criteria▪ Waste Management Technology Developments▪ Decommissioning and Decontamination Technology Developments▪ Final Status Survey & Radiation Measurement Technology Developments▪ Groundwater Monitoring and Control▪ Mine Reclamation▪ Reutilization of Former Sites▪ DOE Legacy Management▪ SAFSTOR, Entombment and Spent Fuel Storage▪ Capturing Best Practices and Other Lessons Learned▪ Environmental Aspects affecting Decommissioning	<ul style="list-style-type: none">▪ Advanced Manufacturing▪ Chernobyl▪ Construction Systems▪ Education and Robotics▪ Emergency and Explosive Disposal Robotics▪ Fukushima - Remote Applications▪ Human Factors Applied to Telerobotics and Teleoperators▪ Humanoid Robotics for Hazardous Environments▪ Intelligent and Autonomous Robotics▪ International Standards for Telerobotics▪ Mathematics Related to Robotics and Teleoperators▪ Medical, Rehabilitative, and Assistive Robotics▪ Micro/Nano Robotics▪ Radiation Detection Platforms▪ Remote Handling & Sampling▪ Remote Sensing and Robotic Platforms▪ Remote Tools and Processes▪ Robot and Teleoperator Dynamics and Control▪ Robotic and Automation Research Topics▪ Robotic D & D▪ Robotics and Remote Operations in Hazardous Facilities▪ Safeguards and Security Topics▪ Surveillance Systems▪ Telerobotics▪ Underwater Remote Systems▪ Unmanned Aerial Vehicles▪ Vision Systems