



CALL FOR PAPERS

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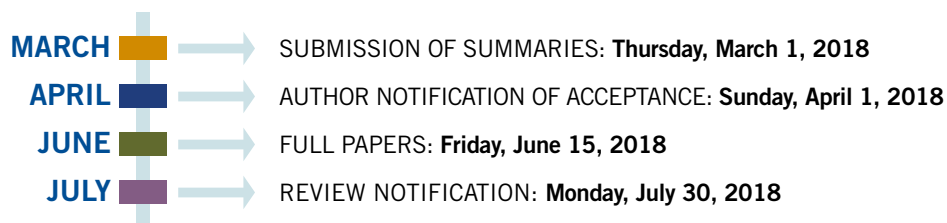
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Technical Program Co-Chairs

Joel Risner (ORNL)
Roger Martz (LANL)

SUMMARY DEADLINE: THURSDAY, MARCH 1, 2018



ABOUT THE MEETING

Our meeting vision is to ensure attendees leave with renewed interest in their field of expertise by exposing them to new tools that make them more effective, showing them the value of membership in the RPSD community, and providing an enjoyable destination for the meeting. We will emphasize the technical intersection between tool developers and user applications, taking advantage of the synergy between the two diverse groups of attendees. Through the planned technical sessions, workshops, plenary talks, and social events, we hope to provide an environment that is ideal for the two communities to engage in productive technical discussions, establish collaborations, and build community.

PROPOSED WORKSHOPS

- MCNP® version 6.2 Open Lab
- NJOY
- Exnihilo
- Attila4MC
- Software development tools and Intermediate C++
- ITS/SCEPTER
- Uncertainty Quantification
- MCNP6 associated packages ISC, MCNPTools, and DRIFT
- ADVANTG

PROPOSED SPECIAL SESSIONS

- Charged Particle Transport Methods
- SINBAD Validation Suite
- The Unstructured Mesh Challenge
- Hybrid Transport Methods: Establishing a Comprehensive V&V Suite for the Community
- Current Challenges in Decommissioning

SOCIAL EVENTS

- Sunday welcome reception
- Wednesday dinner banquet
- Mentorship social at Meow Wolf
- Fun Run tour of Santa Fe
- Local excursion to explore the natural beauty of New Mexico

ANS ELECTRONIC ABSTRACT AND PAPER SUBMISSION
ans.org/meetings/m_282

TOPICAL WEB SITE
rpsd2018.ans.org/

CONTACT
rpsd2018planners@gmail.com

TWITTER
[#rpsd2018](https://twitter.com/rpsd2018)



TOPICS OF INTEREST

TRACK 1: RADIATION PROTECTION

TRACK 8: MONTE CARLO METHODS

TRACK 2: HEALTH PHYSICS

TRACK 9: DETERMINISTIC METHODS

TRACK 3: RADIATION SHIELDING

TRACK 10: EXPERIMENTAL VALIDATION

TRACK 4: DETECTION AND MEASUREMENT

TRACK 11: REACTOR FACILITIES

TRACK 5: UNCERTAINTY QUANTIFICATION AND SENSITIVITY ANALYSIS

TRACK 12: ACCELERATOR FACILITIES

TRACK 6: NUCLEAR AND ATOMIC DATA

TRACK 13: MEDICAL FACILITIES

TRACK 7: SPACE APPLICATIONS

TRACK 14: MEDICAL PHYSICS

FORMAT

Summaries are limited to one page. Authors must use the summary and full paper templates posted on the Topical web site (link on page 1). All submissions must be electronic, using Adobe Acrobat (PDF) or original Microsoft Word files via the ANS Electronic Paper Submission and Review System (link on page 1). Summaries and full papers not based on the templates will be rejected.

POSTERS

Submit a one-page summary identified as a poster. Acceptance will be based on summaries. An author is expected to attend the poster session. Electronic files of final posters are also due 30 July.

GUIDELINES

Submit summaries and papers describing work that is of value to the nuclear industry. All accepted full papers will be published in the Proceedings of the Topical. Papers are presented orally at the meeting, and presenters are expected to register for the meeting. Completed papers may be published elsewhere, but the summaries become the property of ANS. Under no circumstances should a summary or full paper be published in any other publication prior to presentation at the ANS meeting. An ANS copyright form is required for all full papers and posters.

MEETING ORGANIZING COMMITTEE

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