



业界新闻

行业动态
会议信息

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ICRS14/RPSD2020国际会议通知

2019-12-05

第14届国际辐射屏蔽大会ICRS(Internation Conference on Radiation Shielding)和美国核学会辐射防护和安全分会联合会议RPSD2020将于2020年9月13日-18日在美国西雅图市召开, 论文(摘要)提交截止日期为2020年1月17日, 本届会议的议题包括以下:

主题一:	辐射屏蔽	主题十一:	实验验证
主题二:	保健物理	主题十二:	反应堆相关
主题三:	剂量学	主题十三:	加速器相关
主题四:	辐射探测	主题十四:	医用设施相关
主题五:	不确定度量化与敏感度分析	主题十五:	聚变设施相关
主题六:	核数据	主题十六:	核燃料循环与废物管理相关
主题七:	空间应用	主题十七:	医学物理
主题八:	MC方法	主题十八:	活化测量与分析
主题九:	确定论方法	主题十九:	退役
主题十:	混合方法	主题二十:	不扩散与核安全应用

ICRS会议主要探讨与粒子和电离辐射屏蔽相关的科学、技术和工程问题, 涉及范围包括核能系统、加速器设施、激光器、医疗领域和其他辐射环境。这是辐射屏蔽领域最重要的国际会议之一, 吸引数百世界顶级科学家和工程师参加。1958年, ICRS-1在英国剑桥举行, 2012年, ICRS-12在日本奈良举行, 2016年, ICRS-13在巴黎举行。



ANS

ICRS 14/RPSD-2020

14th International Conference on Radiation Shielding and
21st Topical Meeting of the Radiation Protection and Shielding Division

September 13-18, 2020 | Seattle, WA, USA | Seattle Marriott Waterfront

CALL FOR PAPERS

EXECUTIVE CHAIRS

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Jeffrey Favorite (LANL)
Rui Qiu (Tsinghua U.)
Thomas Miller (ESS)

Student Cochairs

Alex Perry (TAMU)
Kathryn Bales (UT-San Antonio)

SUMMARY DEADLINE: FRIDAY, JANUARY 17, 2020

JANUARY	SUBMISSION OF SUMMARIES: Friday, January 17, 2020
MARCH	FIRST REVIEW COMPLETED: Friday, March 13, 2020
APRIL	REVISED PAPERS DUE: Friday, April 17, 2020
MAY	AUTHOR NOTIFICATION OF ACCEPTANCE: Friday, May 1, 2020

ABOUT THE MEETING

We are proud to follow in the long tradition of joint RPSD-ICRS meetings and hope to achieve the success of the last meeting in Paris (2016). 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 and ICRS communities, and providing an enjoyable destination for the meeting. We hope to provide an environment for tool developers, code users, theoreticians, and experimentalists to engage in productive discussions, establish collaborations, and build community in the foreground of scientific advancements and challenges in radiation protection and shielding.

PROPOSED WORKSHOPS

- MCNP® version 6.2 Open Lab
- NJOY
- Exnihilo (Denovo/Shift)
- Proton Therapy
- Attila4MC
- PHITS
- ITS/SCEPTER
- Uncertainty Quantification
- MCNP6 associated packages ISC, MCNPTools, and DRIFT
- ADVANTG

PROPOSED SPECIAL SESSIONS

- Radiation Protection and Shielding Applications for Pulsed Reactors
- Radiation Shielding and Dosimetry for Criticality Safety
- CAD to MCNP Methods
- Nanomaterial Shielding
- Applications of Machine Learning
- Radiation Protection for Ionizing Radiation Generated from High-Intensity Laser Facilities
- Latest Results from RERF Using State-of-the-Art Phantoms
- Propose your idea for a special session to the conference organizers

LOCATION: SEATTLE MARRIOTT WATERFRONT

- Seattle Aquarium
- Pike Street Market
- Space Needle
- Museum of History and Industry
- Pacific Science Center
- Museum of Pop Culture
- All within a mile of the hotel

SUBMIT A SUMMARY
ans.org/meetings

PROCEEDINGS COORDINATOR

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TOPICS OF INTEREST

TRACK 1: RADIATION SHIELDING

TRACK 2: HEALTH PHYSICS

TRACK 3: DOSIMETRY

TRACK 4: REACTOR FACILITIES

TRACK 5: UNCERTAINTY QUANTIFICATION AND ANALYSIS

TRACK 6: NUCLEAR AND ATOMIC DATA

TRACK 7: SPACE APPLICATIONS

TRACK 8: MONTE CARLO METHODS

TRACK 9: DETERMINISTIC METHODS

TRACK 10: HYBRID METHODS

TRACK 11: EXPERIMENTAL VALIDATION

TRACK 12: REACTOR FACILITIES

TRACK 13: ACCELERATOR FACILITIES

TRACK 14: MEDICAL FACILITIES

TRACK 15: FUSION FACILITIES

TRACK 16: FUEL CYCLE AND WASTE MANAGEMENT FACILITIES

TRACK 17: MEDICAL PHYSICS

TRACK 18: ACTIVATION MEASUREMENT AND ANALYSIS

TRACK 19: DECOMMISSIONING

TRACK 20: NONPROLIFERATION AND NUCLEAR SECURITY APPLICATIONS

上一篇: [IAEA关于核事故后恢复的国际会议将于今年年底举行](#)

下一篇: [2020国外辐射防护相关会议](#)

GUIDELINES

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

FORMAT

We are soliciting one- to four-page summaries in the format of ANS Transactions summaries. Templates and guidelines are available at www.ans.org/pubs/transactions/. Summaries not formatted according to the template will be rejected. Summaries exceeding four pages will be rejected. Accepted summaries will be published in the Proceedings of the Topical.

POSTERS

Authors desiring a poster presentation must also submit a summary in the proper format as described above.

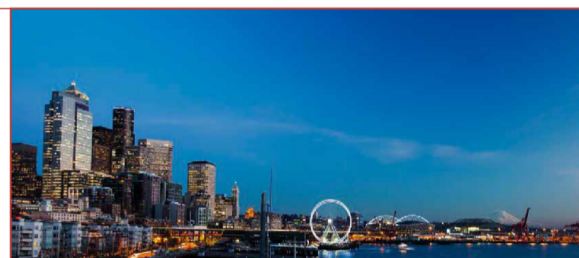
JOURNAL COLLABORATION

We will invite some authors to submit a full-length journal article for a special issue of Nuclear Science and Engineering.

MEETING ORGANIZING COMMITTEE

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Workshop Chair
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