

55th National Conference on Radiation Control
May 8 – 11, 2023
Houston, TX

To Boldy Go – Preparing for the Future of Radiation Protection

Opening Session
Monday Morning, May 8
Moderator: Pat Mulligan, Chairperson

Time	Paper/Topic	Speaker	Comments
8:00	Remarks/Welcome	Lisa Bruedigan	
8:10	CRCPD Highlights	Pat Mulligan, Chairperson	
8:25	Keynote	S. Robin Elgart, Ph.D.	
8:55	John C. Villforth Lecture	Stephen Musolino	
9:25	FDA Update	Donald Miller, M.D.	
9:45	CDC Update	Adela Salame-Alfie, Ph.D.	
10:05	<i>Break</i>		
10:25	EPA Update	Andrea Cherepy	
10:45	FEMA Update	David Gudinas	
11:05	NRC Update	Kevin Williams	
11:25	ORS Overview and Cesium Irradiator Replacement Project Update (DOE)	Shea Cotton	
11:45	CM Update	Jessica Feener	
12:05	Gerald S. Parker Award	Presented by Pat Mulligan, Chairperson	
12:15 – 1:30	<i>Lunch – on your own</i>		

Monday Afternoon, May 8
Topical Training

Time	Subject	Facilitator(s)
1:30 – 5:30	AAPM – Future Implementation of Updated Standards	Kathleen Hintenlang, Ph.D.
2:00 – 5:30	Cobalt Magnet 2022 Lessons Learned from Using RadResponder Simulation Functionality	Wendy Renno, Ph.D. Christine Allston
3:15 – 3:45	<i>Break – Poster/Exhibit Visitations</i>	

Session: Healing Arts
Tuesday Morning, May 9
Moderator: Lisa Bruedigan

Time	Paper/Topic	Speaker	Comments
8:00	Medical Physics Perspectives and Initiatives for the Future.	J. Daniel Bourland, Ph.D.	
8:20	RWS Paradigm Shift in the ACR DM QC Manual	Tom Ruckdeschel	
8:40	ABR and Specialty Board Criteria	Maryann Ayoade	
9:00	Medical Team Updates, NRC	Celimar Valentin-Rodriguez	

9:20	Joint Working Group on Medical Radiation Exposure Data Collection	Jennifer Elee, Adela Salame-Alfie, Ph.D.	
9:40	H-47 Working Group Updates	Auggie Ong	
10:00	<i>Break/Poster/Exhibit Visitations</i>		
10:30	AAPM's Government & Regulatory Affairs Committee Update	Bette Blankenship, MS	
10:50	ASTRO Update	Cindy Tomlinson	
11:10	H-38 Committee on Radiation Medical Events Update	Jennifer Elee, Kathleen Hintenlang, Ph.D.	
11:30	ACR Updates	Kyle Jones	
11:50	Recognitions, James Miller, Meritorious	Presented by Pat Mulligan, Chairperson	
12- 1:30	<i>Lunch – on your own</i>		

**Session: General
Tuesday Afternoon, May 9
Moderator: Becki Harisis**

Time	Paper/Topic	Speaker	Comments
1:30	Making the Switch: Transitioning from Cs-137 to X-ray Irradiators	Danette Fennesy	
1:50	G-74 Health Physics Work Force Development and Coordination Update	Sarah Sanderlin, Angela Leek, CHP	
2:10	Controlled Unclassified Information	Matt Barrett, NRC	
2:30	G-73 Committee on Communication and Outreach, Social Media Update	Ty Sollender, Shannon Quinn	
2:50	<i>Break/Poster/Exhibit Visitations</i>		
3:20	Strengthening Radiation Protection Through Cooperation	Miroslav Pinak, Ph.D., Olvido Guzman, Ola Holmberg, Ruth McBurney, CHP, Josh Kerber, Lisa Bruedigan	
4:20	Meritorious, Outstanding Achievement, Public Servant, Radon Hero Awards		
4:30	Session Ends		

**Special Interest Meetings
Tuesday Afternoon, May 9**

Time	Topic	Facilitator(s)
4:45 – 5:45	FDA Codes for Labeling and Standards for Ionizing Radiation Emitting Devices Panel	Clark Eldredge, Donald Miller, M.D.
4:45 – 5:45	Radiological Emergency Preparedness Executive Education Program – 10 Years	Captain Janis McCarroll

**Special Interest Meetings
Wednesday Morning, May 10**

Time	Topic	Facilitator(s)/Moderator
8:00 – 9:00	Emerging Medical Technologies – NRC	Katherine Tapp, Ph.D. (NRC/NMSS); Maryann Ayoade
8:00 – 9:00	Laser Technologies and Laser Regulatory Considerations	Ken Barat

8:00 – 9:00	New (and Free!) Community Reception Center and Population Monitoring Tools	Lauren Finklea (CDC), Tanya Ridgle Christine Allston (Chainbridge Technologies)
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**Session: Radioactive Materials
Wednesday Morning, May 10
Moderator: Mike Snee**

Time	Paper/Topic	Speaker	Comments
9:10	NRC Perspectives	John Lubinski	
9:30	OAS Update	Steve Seeger	
9:50	License Verification and Category 3 Material	Andy Carrera (NRC)	
10:10	<i>Break/Poster/Exhibit Visitations</i>		
10:30	Strategies for Regulating Fusion Devices Across the National Materials Program & Plans for a Regulatory Framework for Fusion Energy Systems using a Hybrid Approach	Duncan White (NRC), Jeff Semancik (CT), Michael Hua	
11:10	Security-Related Operating Experience	Mark Yeager, Paul Gray	
11:30	Advanced Reactors	Beth Reed (NRC)	
11:50	Outstanding Achievement Awards	Presented by Pat Mulligan, Chairperson	
12:00	<i>Lunch – on your own</i>		

**Session: Homeland Security/Emergency Response
Wednesday Afternoon, May 10
Moderator: Tanya Ridgle**

Time	Paper/Topic	Speaker	Comments
1:30	Evacuation Time Estimate Updates and Protective Action Strategies Panel	Todd Smith, PhD (NRC/NSIR), Ken Evans	
2:00	The Advisory Team for Environment, Food and Health	Adela Salame-Alfie, Ph.D.	
2:20	NNSA/CM/FRMAC – RAPTER Recovery Workshop	Tanya Ridgle	
2:40	Applied Course for Public Health Decision Making in a Radiation Emergency	Adela Salame-Alfie, Ph.D.	
3:00	<i>Break/Poster/Exhibit Visitations</i>		
3:30	Community Preparedness for Small Nuclear Reactors	Michael McCoppin (NRC), David Gudinas (FEMA), Jeff Semancik	
4:00	Upcoming NCRP Statement – Respiratory Protection Recommendations for Workers and Volunteers Responding to a Nuclear Incident Outside the Affected Area	Adela Salame-Alfie, Ph.D.	
4:20	Simple Guidance for Implementing NCRP Statement 14 Regarding Instrument Response Verification and Calibration	Ken Evans	
4:40	Training Benefits from Leveraging Integrated Simulation Tools	Wendy Renno, Ph.D.	
5:00	Meritorious Awards	Presented by Pat Mulligan, Chairperson	
5:10	Session Ends		

**Session: Environmental
Thursday Morning, May 11
Moderator: Rikki Waller**

Time	Paper/Topic	Speaker	Comments
8:00	Federal Guidance for Radiation Protection: Recent Developments and Future Directors	Jonathan Nagata	
8:20	Am-241 Contamination Event	Ashley McDermott and Nathaniel Kishbaugh	
8:40	Updates on SSR-Part N: Template Regulations for the Licensure of TENORM	Gary Forsee	
9:00	Status of the Integrated Low-Level Radioactive Waste Disposal Rulemaking	Irene Wu	
9:20	Not Only Doing What is Required, Doing What is Right: A Practical Guide to Environmental Justice	Jeff Semancik (CT)	
9:40	<i>Break</i>		
10:00	Management of Radiological Existing Exposures Situations in Latin America	Jorge Laguna (FL)	
10:20	E-25 Committee on Radon Update	Josh Kerber (MN)	
10:40	Calculating Uncertainties in Surface Activity Measurements	David Stuenkel	
11:00	Response to Lost AmBe Source in West Texas	George Brozowski	
11:20	Session Ends		
11:30	Business Meeting #2		

**Training Courses
Sunday, May 7**

Date/Time	Topic	Facilitator(s)
8:00 – 5:00	ROSS – 2023 Nuclear Detonation Workshop Drill	William Irwin, Sc.D., CHP, Angela Leek, Brendan Palmer, Christine Allston, Wendy Renno, Ph.D.
8:00 – 5:00	AAPM – Audits, Safety and Quality	Kathleen Hintenlang, Ph.D.

Posters – Technical Exhibits

#	Title	Author/Presenter	Comments
1	E-48 Task Force – Updates to DOT Special Permits 10656 & 11406 and Process Guidance.	Jay Paquette	
2	A Day in the Life of a HOO	Howard Crouch (NRC)	
3	SCATR	Russ Meyer/Andy Tompkins	
4	The Case for the Expanded Definition of TENORM	Philip Egidi	