

AARST Symposium Draft Agenda Ver. 10_08.30.2022

SUBJECT TO CHANGE

Bellevue, Washington October 24-26, 2022

Sunday October 23, 2022

Sunday CE

8:00 a.m. – 5:00 p.m.

Radon Mitigation Compliance Inspector Certification-prep Course – (NRPP ID# KSU-8000 8 hrs Cat-I)

Radon Measurement in Multi-Family Buildings – (NRPP ID# KSU-600 8 hrs Cat-I)

Multifamily Radon Mitigation – (NRPP ID# Spruce-601 8 hrs Cat-I)

Gnarly Tales II - (NRPP ID# -8000 CERTI 8 hrs Cat-I)

8:00 a.m. – 12:00 p.m.

Vapor Intrusion Mitigation Diagnostics, Design and Monitoring – (NRPP ID # OBAR-8001 4 hr Cat-I)

Exhibit Hall

Exhibits 2:00 p.m – 8:00 p.m.

Opening Reception 6:00 p.m. – 8:00 p.m.

Monday October 24, 2022

Time	General Session		Time	Vapor Intrusion	
8:00	Introductions and Welcome	Kyle Hoylman AARST Joshua Kerber CRCPD TBA WA DOH			
8:15	Leadership Updates	AARST, CRCPD			
8:45	Keynote	Wallace Akerley, MD			
9:30	Federal Agency Updates	Peggy Bagnoli, EPA Adela Salamie-Alfie, CDC Sara Jensen, HUD			
10:00	Break & Exhibits				
10:45	CDC EPHT Update / Privacy Protection for Radon Data	Michele Monti	10:45	Project Communication with all Stakeholders	Matt Wheaton
11:05	Mitigation Simulation App Demo	Joshua Kerber Bruce Snead	11:10	Conceptual Site Modeling	Laurie Chilcote Craig Cox
11:20	Development of a Radon Testing Disparity Metric	Kevin Stewart			
11:40	Radon Measurements on Higher floors	Tryggve Rönqvist	11:40	Insurance Cost Recovery for VI	Ben Pariser
12:00	Lunch & Exhibits				
1:30	Standards Update: AARST Consortium	Deborah Madsen	1:30	VI Design for Large-Scale Buildings	Tony McDonald
1:45	VI: Risks and Solutions	Jennifer Borski			
2:05	Spotlight: Efforts in the PNW	Duane West Joel Migliaccio Jara Poppinga Jim McAuley Johna Boulafentis	2:00	OM&M and Telemetry: Similarities and Differences in Radon and VI Stewardship	Chris Bonniwell
2:40	Proactive Compliance Inspection and Audit Program	Rebecca Turek Katie Etter	2:30	West Coast Vapor Intrusion Update	Marissa Goodman Ruth Arestides
3:00	Break & Exhibits				
3:45	Overview of NRPP Certifications and ISO Update	Jane Malone	3:45	Implementation of a Strategic Approach for Vapor Intrusion Assessment and Mitigation Along a 1.3 Mile	Richard H. Christensen, Jr., PG, PhD

				Trichloroethene Groundwater Plume	
4:00	Multifamily Houses From Heck	Wes Hodgden Jeff Sims	4:25	Round Table Discussion	VI Panel
4:40	Recognitions	Joshua Kerber			
4:55	Growing Our Voice				
5:00	END		5:00	END	

5:00 – 6:30 p.m. Happy Hour

Tuesday October 25, 2022

Time	Practice & Policy		Time	Science & Research	
8:00	Welcome	Dawn. Oggier	8:05	On-Site Radon in Water Mitigation in Two Private Wells in Georgia Using AIRWELL® Mitigation System	Uttam Saha
8:05	Celebration / Strategic Plan / Successes: NRPP Accreditation, State Radon Report Cards	Jane Malone	8:25	Radon Adsorption in Detector Plastic – A Source of Error	Tryggve Rönngqvist
8:20	Developing a Radon QA/QC ISO Standard for Radon Chambers, Device Manufacturers & Test Device Analysts	Michael LaFontaine	8:45	Outdoor Radon Levels' Influence on Indoor Radon Levels	Bill Brodhead/ *Gunnar Barr
8:35	(RTC) Regulation Through Certification - Latest developments	Richard Peterson Kyle Hoylman George Schambach	9:05	Identifying Hazards for Vapor and Radon Mitigation Technologies	David Lutz
9:05	Infrared Thermal Imaging Can Help in Determining the Back Drafting of Appliances	Bill Spohn, Jr.			
9:20	Mitigating Emanation from Concrete Without Increasing Mold	Bill Brodhead/ *Gunnar Barr			
9:40	Case Study - Horizontal Drilling for Mitigation Beneath Post-Tensioned Slabs	Rachel Peterson			
10:00	Break & Exhibits		10:00	Break & Exhibits	
10:45	Multifamily Measurement Certification (NEW) / Multifamily Mitigation Certification (NEW)	Deborah Madsen Dawn Goard	10:45	The Evolution of Vapor Intrusion and Expected Future Trends	Laurie Chilcote Craig Cox
11:05	Evaluating the Effect of Building Pressures on 3-Dimensional Sub Slab Vacuum Fields	Gunnar Barr	11:05	Lead-210 and Polonium-210 as Indicators of Historic Radon Emission Tendencies	Riley Carey
11:25	Energy Efficiency Upgrades in Canada	Noah Quastel	11:25	Evaluating the E-Perm RT Chamber for Measuring RN-220 in a Cave Environment	Lawrence Welch
11:45	US Energy Efficiency Programs and Radon	Peggy Bagnoli	11:45		
12:00	Lunch & Exhibits				
1:00	AARST Annual Meeting - general session				
1:30	Update: HUD Multifamily Lender Policy	Sara Jensen	1:30	The Use of Radon as a Tracer Gas as Part of Vapor Intrusion Mitigation System Performance Monitoring: A Case Study of Two Project Sites and Lessons Learned	Sadie Schroeter Veronica Statham

1:50	CRM Sensitivity Matters!	Jill Newton	1:50	Impact of Radon Exposures on Non-Cancer Outcomes and Future Perspectives	C. Zilli Vieira
2:10	Reducing Liability – Contract Issues	David Gillay	2:10	The 100 Test Challenge: Building Momentum for Radon Testing across Canada	Anne-Marie Nicol, PhD
2:35	Alaska’s Story of Radon Challenges in a Big, Artic, Far-flung U.S. State	Jennifer Athey	2:35	Overview and Risk Assessment of the Radon Levels in the Groundwater Wells of Qatar	Huda Al-Sulaiti, PhD Dr. Yehia Manawi
2:40	2022 Radon Professionals Survey	Jane Malone			
3:00	Break & Exhibits				
3:45	Radon in Water Certificate (NEW) VI Certification (NEW)	Angela Tin TBA	3:45	Indoor and Outdoor Radon Measurement Using Digital Technology, Charcoal Test Kits, and Soil Gas Sampling	William Haneberg, PhD, PG
3:55	Soil Gas Mat: An Overview	Paul Owens	4:05	A National Comparison Between the Collocated Short-Term and Long-Term Radon Measurements in the US	Longxiang Li
4:15	Optimum Vapor Barrier Selection	Dane Malmberg	4:25	A Simplified Approach for Calculating Radius of Influence of Radon Mitigation System	*Eric Lovenduski (Darius Mali)
4:35	Strategies for Systems and Policy Change in 2023	Panel	4:45		
5:00	END				

**Monday & Tuesday
Poster Sessions in the Grand Ballroom Foyer**

OPENRADON LAB: Democratizing Soil Radon Modeling and Mapping	Ashwin Ashok	Monday AM Break
Visualizing Radon through New Mapping Initiatives	Peter Foller	Monday PM Break
Predicting Monthly Community-Level Radon Concentrations with Spatiotemporal Random Forest method: A Study in Northeastern and Midwestern US	Longxiang Li	Tuesday AM Break
Temporal Uncertainty Versus Coefficient of Variation for International Standardization of Indoor Radon	Konstantin Kovler	Tuesday PM Break
Measurement of Radon and Radium Content in Homes in Mining Communities in Ghana	Francis Otoo, PhD	
Studies of Indoor Radon Levels Within Kpando Communities in the Volta Region of Ghana	Anthony Amable	

**Wednesday October 26, 2022 9:00 a.m. –11:00 a.m.
These one-hour workshops are free with a Full Registration Ticket,
pre-registration is required – you can choose two**

Growing Your Voice Within AARST (Committees, Chapters, Board, Standards)	David Hill George Schambach
Growing Your Advocacy Voice	Jane Malone
Growing Your Business - Top Strategies	Brent Ulbert
Growing Your Radon Message in Communities = Successful Media Messaging	Kyle Hoylman
Growing Your Market Footprint to include HUD Multifamily Work	Dawn Oggier
TBA	