

AARST Symposium Draft Agenda Ver. 7_07.26.2022

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# TBA 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

General Session		Vapor Intrusion	
8:00	Introductions and Welcome K. Hoylman AARST J. Kerber CRCPD TBA WA DOH		
8:15	Leadership Updates AARST, CRCPD, NRAP		
8:45	Keynote W. Akerley, MD		
9:30	Federal Agency Updates P. Bagnoli, EPA A. Salamie-Alfie, CDC S. Jensen, HUD		
10:00	Break & Exhibits		
10:45	CDC EPHT Update / Privacy Protection for Radon Data M. Monti	10:45	Project Communication with all Stakeholders M. Wheaton
11:05	Mitigation Simulation App Demo J. Kerber B. Snead	11:10	Conceptual Site Modeling C. Cox
11:20	"Need-to-Test" Metric K. Stewart		
11:40	Radon Measurements on Higher floors T. Rönnqvist	11:40	Insurance Recovery for Environmental Cleanup B. Pariser
12:00	Lunch & Exhibits		
1:30	Standards Update: AARST Consortium D. Madsen	1:30	VI Design for Large-Scale Buildings T. McDonald
1:50	NJ's Regulatory Changes A. Kopera		
2:05	Spotlight: Efforts in the PNW S. Burns S. Tucker D. West J. Poppinga	2:00	OM&M and Telemetry: Similarities and Differences in Radon and VI Stewardship C. Bonniwell
2:45	Proactive Compliance Inspection and Audit Program R. Turek IN	2:30	West Coast Vapor Intrusion Update G. Plantz
3:00	Break & Exhibits		
3:45	Overview of Current NRPP Certifications and ISO Update M. Patrick	3:45	Implementation of a Strategic Approach for Vapor Intrusion Assessment and Mitigation Along a 1.3 Mile Trichloroethene Groundwater Plume R. Christensen, Jr., PG, PhD
4:00	Multifamily Houses From Heck		

		W. Hodgden J. Simms	4:25	Round Table Discussion	VI Panel
4:40	Recognitions	J. 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	D. Oggier	8:05	On-Site Radon in Water Mitigation in Two Private Wells in Georgia Using AIRWELL® Mitigation System	U. Saha
8:05	Celebration / Strategic Plan / Successes: NRPP Accreditation, State Radon Report Cards	J. Malone	8:25	Radon Adsorption in Detector Plastic – A Source of Error	T. Rönnqvist
8:20	Developing a Radon QA/QC ISO Standard for Radon Chambers, Device Manufacturers & Test Device Analysts	M. LaFontaine	8:45	Identifying Hazards for Vapor and Radon Mitigation Technologies	D. Lutz
8:35	(RTC) Regulation Through Certification - Latest developments	R. Peterson K. Hoylman G. Schambach	9:05	Evaluating the E-Perm RT Chamber for Measuring RN-220 in a Cave Environment	L. Welch
9:05	Infrared Thermal Imaging Can Help in Determining the Back Drafting of Appliances	D. Oggier			
9:20	Mitigating Emanation from Concrete Without Increasing Mold	B. Brodhead	9:25	Measurement of Radon and Radium Content in Homes in Mining Communities in Ghana	F. Otto, PhD
9:40	Case Study - Horizontal Drilling for Mitigation Beneath Post-Tensioned Slabs	R. Peterson			
10:00	Break & Exhibits		10:00	Break & Exhibits	
10:45	Multifamily Measurement Certification (NEW) / Multifamily Mitigation Certification (NEW)	D. Madsen D. Goard	10:45	The Evolution of Vapor Intrusion and Expected Future Trends	L. Chilcote
11:05	Evaluating the Effect of Building Pressures on 3-Dimensional Sub Slab Vacuum Fields	G. Barr	11:05	Lead-210 and Polonium-210 as Indicators of Historic Radon Emission Tendencies	R. Carey
11:25	Energy Efficiency Upgrades in Canada	N. Quastel	11:25	Outdoor Radon Levels' Influence on Indoor Radon Levels	B. Brodhead
11:45			11:45		
12:00	Lunch & Exhibits				
1:00	AARST Annual Meeting - general session				
1:30	Consequences of Non-Compliance	Panel TBA	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	V. Statham
1:50	CRM Sensitivity Matters!	J. Newton	1:50	Impact of Radon Exposures on Non-Cancer Outcomes and Future Perspectives	C. Zilli Vieira

2:10	Reducing Liability – Contract Issues	D. Gillay	2:10	The 100 Test Challenge: Building Momentum for Radon Testing across Canada	A. Nicol
2:35	2022 Radon Professionals Survey	J. Malone	2:35	Overview and Risk Assessment of the Radon Levels in the Groundwater Wells of Qatar	Y, Manawi, Dr
3:00	Break & Exhibits				
3:45	Radon in Water Certificate (NEW) / VI Certification (NEW)	A.Tin	3:45	Indoor and Outdoor Radon Measurement Using Digital Technology, Charcoal Test Kits, and Soil Gas Sampling	W. Haneberg
3:55	Geotextile Matting: What to use over and what to use under	P. Owens	4:05	A National Comparison Between the Collocated Short-Term and Long-Term Radon Measurements in the US	L. Li
4:15	Optimum Vapor Barrier Selection	D. Malmberg	4:25	Studies of Indoor Radon Levels Within Kpando Communities in the Volta Region of Ghana	A. Amable
4:35	Strategies for Systems and Policy Change in 2023	Panel			
5:00	END				

Monday & Tuesday
Poster Sessions in the Exhibit Hall

OPENRADON LAB: Democratizing Soil Radon Modeling and Mapping	A. Ashook
A Simplified Approach for Calculating Radius of Influence of Radon Mitigation System	D. Mali
Visualizing Radon through New Mapping Initiatives	P. Foller
Predicting Monthly Community-Level Radon Concentrations with Spatiotemporal Random Forest method: A Study in Northeastern and Midwestern US	L. Li

Wednesday October 26, 2022 9:00 a.m. – 11:00 a.m.
These concurrent workshops are free with a Full Registration Ticket,
pre-registration is required

Growing Your Voice Within AARST	
Growing Your Advocacy Voice	
Growing Your Business - Top 8 Strategies	
Growing Your Radon Message in Communities = Successful Media Messaging	
Growing Your Chapter	
Growing Your Market Footprint Making Partners - HUD MF business/Contractors/Builders	