

Workshop on New Procedures for Radon Monitoring

12 October 2020, Web conference in Bothe-Bau, Room 311

AGENDA

WHEN	WHAT	WHO
9:00	Technical Test of the Web conference	
9:15 – 9:20	Welcome + Introduction of participants	Stefan Neumaier, PTB
9:20 – 9:40	Overview on the MetroRADON project	Franz Josef Maringer, BEV-PTP
9:40 – 10:20	WP1: <i>Development of novel procedures for traceable calibration of radon (^{222}Rn) measurement instruments at low activity concentrations (100 Bq/m³ to 300 Bq/m³) with relative uncertainties $\leq 5\%$ ($k=1$):</i>	Dirk Arnold, PTB
	<ul style="list-style-type: none"> ➤ Main results 	
10:20 - 10:30	Discussion	
10:30 – 10:45	Coffee break	
10:45 – 11:25	WP2: <i>Influence of thoron (^{220}Rn) and its progeny on radon end-user measurements and radon calibrations:</i>	Dobromir S. Pressyanov, SUBG
	<ul style="list-style-type: none"> ➤ Outcomes of potential interest for industry and stakeholders 	
11:25 – 11:35	Discussion	
11:35 – 12:15	WP5: <i>Validation of traceability of European radon calibration facilities</i>	Monika Mazanova, CMI

12:15 – 12:25	<p><i>The performance of European calibration services regarding radon in air including validation of traceability</i></p> <p><i>Validation of the traceability of European radon calibration facilities at stable radon atmospheres in the range of 100 Bq/m³ to 300 Bq/m³</i></p> <p>Discussion</p>	<p>Thomas Beck, BfS</p> <p>Petr Otahal, SUJCHBO</p>
12:25 – 13:25	Lunch	
13:25 – 13:45	WP6: Impact and Exploitation of the MetroRADON project	Valeria Gruber, AGES
13:45 – 14:00	Coffee break	
14:00 – 14:20	The EMPIR-Project: traceRadon	Annette Röttger, PTB
14:20 – 15:20	Round Table Discussion including stakeholder needs, follow-ups, open questions and future research topics	
15:20	End	

- For more information on the **MetroRADON project**, please go to: www.metroradon.eu
- For more information on **this workshop**, please go to: <https://www.euramet.org/?event=67%3A830>

List of abbreviations:

WP = Work package

PTB = Physikalisch-Technische Bundesanstalt, Germany

BEV-PTP = Physikalisch-Techn. Prüfdienst des Bundesamts für Eich- und Vermessungswesen, Austria

SUBG = Sofiiski Universitet Sveti Kliment Ohridski, Bulgaria

CMI = Cesky Metrologicky Institut, the Czech Republic

AGES = Österreichische Agentur für Gesundheit und Ernährungssicherheit GmbH, Austria

SUJCHBO = Státní ústav jaderné, chemické a biologické ochrany, v.v.i., Czech Republic

BfS = Bundesamt für Strahlenschutz, Germany