

Session Program

9-12 Sept 2024



RADON 2024

Methods of measurement for both radon and thoron - devices, metrological aspects

Faculty of Nuclear Sciences and Physical Engineering, room 103
Břehová 78/7 115 19 Prague 1 Czech Republic GPS. 50.0910372N, 14.4163028E

Monday 9 September

10:30

Methods of measurement for both radon and thoron - devices, metrological aspects: Methods of measurement for both radon and thoron - devices, metrological aspects

Session |

Location: Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
 GPS: 50.0910372N, 14.4163028E |

10:30–10:40 **Conference opening**

10:40–11:00 **Intercomparisons of passive radon detectors at UKHSA**

Speaker

Catherine Miller

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
 GPS: 50.0910372N, 14.4163028E

11:00–11:20

Comparison and Application of Seasonal Radon Correction Factors in Slovakia

Speaker

Viktoría Benková

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
 GPS: 50.0910372N, 14.4163028E

11:20–11:30 **New metrology research project RadonNET**

Speaker

Petr Kovář

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
 GPS: 50.0910372N, 14.4163028E

11:30–13:30 **Lunch**

13:30–13:50 **Determination of the Radon Progenies Activity Size Distribution**

Speaker

Eliška Fialová

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
 GPS: 50.0910372N, 14.4163028E

13:50–14:10

Factors influencing outdoor radon variability: A time series study in Bratislava, Slovakia

Speaker

Mohammad Alem Sultani

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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14:10–14:30

Assessment and comparison of the long-term performance of Electronic Radon Integrating Monitors**Speaker**

David Wright

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
GPS. 50.0910372N, 14.4163028E

14:30–14:40

Radon exhalation from soil and possible influence on high indoor radon concentrations**Speaker**

Dr Jovana Knežević Radić

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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14:40–14:50

Analyses of 3 years of continual monitoring of ^{222}Rn and CO_2 concentrations in the soil and their exhalations in an area of FMPH CU in Bratislava**Speaker**

Dr Terézia Eckertová

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
GPS. 50.0910372N, 14.4163028E

14:50–15:00

Assessment of indoor radon concentration and annual effective dose for workers' exposure in an arsenic concentrate warehouse**Speaker**

Dr Jovana Knežević Radić

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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15:00–15:10

Evaluation of Radon and Thoron Adsorption Efficiency on Zeolites.**Speaker**

MISBAH JAVED

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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15:10–15:40

Discussion and coffee break

15:40–16:00

Development of the BfS-UR1 thoron progeny calibration chamber**Speaker**

Francesca Tugnoli

LocationFaculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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16:00–16:20

INDOOR RADON MEASUREMENTS IN KINDERGARTENS IN SOUTHERN POLAND

Speaker

Katarzyna Wołoszczuk

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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16:20–16:30

Didactic radon measurement method using CR-39 detector - comparison of visual image assesment and digital analysis**Speaker**

Mr Miroslav Vanek

Location

Faculty of Nuclear Sciences and Physical Engineering, room 103, Břehová 78/7 115 19 Prague 1 Czech Republic
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16:30–16:50

2023 NRPI Prague international comparison of measuring instruments in a mixed field of radon - thoron gas and their short-lived decay product.**Speaker**

Mr Karel Jilek

Location

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16:50–17:10

RadoNorm comparison measurement of radon and radon progeny in field conditions**Speaker**

Katerina Navratilova Rovenska

Location

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17:10–19:00

Welcome drink

19:30