

Programme of the 17th International Workshop on the Geological Aspects of Radon Risk Mapping- GARRM, Prague, September 2025

Registration: Tuesday, September 16th, 8,00 – 9,30
(registration for RIM + PIM will be on Monday morning at the reference areas)

Tuesday, September 16th

9,30

Opening of the Workshop, Welcome, Introduction

Morning session (chairing – Boris Dehandschutter, Jesús García Rubiano)

9,50 – 10,10

B. Dehandschutter

Effects of the national radon action plan on radon risk mapping in Belgium

10,10 – 10,30

D. Grządziel, K. Kozak, J. Mazur, J. Lukas, M. Mroczek

5 years of national radon action plan in Poland. First conclusions and need for changes

Coffee break 10*30 – 11*00

Morning session (chairing – Matej Neznal, Peter Zubkov)

11,00 – 11,20

M. Adamová, M. Berčíková, J. Slovák

RANAP in practice: synergy of science, legislation and education in radon protection

11,20 – 11,40

C. Gutcher

How radon risk, spatial patterns, and data inform Canadian policy

11,40 – 12,00

P. Zubkov, Y. Wang, I. Finne, M. Brönnner

From Uranium to Radon: Making Better Radon Maps for Norway

12,00 – 12,20

C. Briones, H. Alonso, A. Arriola-Velásquez, N. Miquel, A. Tejera, P. Martel, J. Olaiz, J.T. Santana, N. Rodríguez-Brito, J. Jubera, E. González-Díaz, J. G. Rubiano

Radon risk map of Canary Islands based on the combination of lithological information and terrestrial gamma radiation data.

Lunch break 12*20 – 14*20

Afternoon session (chairing – Alexandra Cucos, Wolfgang Ringer)

14,20 – 14,40

W. Ringer

UNSCEAR Report 2025: Evaluation of public exposure to ionizing radiation - results for radon and thoron

14,40 – 15,00

L. Corețchi, M. Bogdan, A. Ababii, G. Turcanu, I. Rădulescu, B. Linca, T. Gheorghe
Studying and communicating the risk of radon exposure in the conditions of the Republic of Moldova

15,00 – 15,20

A. Cucos, S. Florica, M. Moldovan, A. Lupulescu, R. Ciur, T. Dicu

Radon mitigation and human behavior: Lessons from long-term continuous monitoring

15,20 – 15,40

M. Faure Ragani

IRSOIL: A national series of radon-in-soil intercomparison exercises in Italy

Coffee break 15*40 – 16*05

Afternoon session (chairing – Filipa Domingos, Alcides Pereira)

16,05 – 16,25

R. Možnar

Application of RAC determination in soil air for radon diagnostics of existing buildings

16,25 – 16,45

G. Luís, A.J.S.C. Pereira

The Rn-222 behaviour on hydrogeological systems – the importance of correctly access Rn-222 concentrations in surface waters

16,45 – 17,05

F. Domingos, A.J.S.C. Pereira, S. Rodrigues, C. Alexandre, L. Simas

Temporal variability of radon activity concentration in public water supply systems across mainland Portugal (2016-2023)

17,05

Presentations by exhibitors

Wednesday, September 17th

Morning session (chairing – Zuzanna Podgórska, Peter Bossew)

9,00 – 9,20

J.L. Gutiérrez-Villanueva, Z. Podgórska

Do we need an ISO standard for the assessment of personal radon exposure?

9,20 – 9,40

J. G. Rubiano, H. Alonso, Ll. Font, B. Frutos, M. García-Talavera, P. Martel, V. Moreno, L. Quindós, C. Sainz, J.T. Santana, D. Rábago, I. Sicilia, A. Tejera

Results of RADSIM, a research project for the generation and validation of numerical models for the prediction of radon entry into buildings based on a characterization of the terrain and a typological definition of construction in Spain

9,40 – 10,00

S. Baumann, S. Antignani, J. Frédéric Rey, L. Niccolò, M. Caprio, V. Gruber

Tricks and tweaks for the global prediction of high radon levels and local pitfalls

10,00 – 10,20

P. Bossew, M Janik

Radon time series

Coffee break 10*20 – 10*50

Morning session (chairing – Katerina Navratilova Rovenska, Dominik Grzadziel)
10,50 – 11,10

I. Rocchetti, M. Portaro, P. Tuccimei, G. Galli, M. Soligo, A. Rosati, C. Longoni, D. Vasquez

Evaluating the impact of insulation materials applied for energy saving in structures on indoor radon levels. The scale model room approach

11,10 – 11,30

A. Fernandez, A. Pereda, J. Quindos, I. Fuente, S. Celaya, D. Rabago, L. Quindos, E. Fernandez, L.S. Quindos, C. Sainz

A regional survey of radon in a karst area of Spain

11,30 – 11,50

L. Coretchi, I. Radulescu, A. Ababii, M. Bogdan, A. Capatina, P. Romanciuc, V. Şargu

Study of indoor radon in the conditions of the Republic of Moldova

11,50 – 12,10

K. Navrátilová Rovenská, M. Vaněk, R. Možnar, M. Kaschner, E. Castaño Casco, S. Khan, E. Osei Akuo-ko, I. Rocchetti, O. Pařízek, J. Lenk, M. Adamová, O. Elena Peneoasu, L. Mareda

Radon diagnostics using low-cost continuous monitors and air exchange rate measurement – a case study in a residential building

Lunch break 12*10 – 14*10

Afternoon session (chairing – Ilaria Rocchetti, José Luis Gutiérrez-Villanueva)
14,10 – 14,30

R. Koch, J. Shommet, A. Pärtel, G. Sakale, R. Cepuritis, S. Karklis

Radon diffusion studies using RadonEye Plus2 electronic monitor

14,30 – 14,50

J. Kubiak, D. Grządziel, M. Basińska

Analysis of the potential of low-cost radon metres

14,50 – 15,10

Z. Podgórska, J.L. Gutiérrez-Villanueva, M. Szylak-Szydłowski

Assessment of indoor radon concentrations in educational facilities in the Lower Silesia Region in the context of Directive 2013/59/Euratom

Coffee break 15*10 – 15*35

Afternoon session (chairing – Petra Pacherova, Rein Koch)
15,35 – 15,55

I. Rocchetti, M. Portaro, G. Galli, P. Tuccimei, M. Soligo, C. Longoni, D. Vasquez

A new methodology for the evaluation of radon diffusion coefficients in anti-radon membranes

15,55 – 16,15

P. Otáhal, J. Vošahlík, E. Fialová

Assessment of air purification technologies for reducing dose from inhaled radon progeny

16,15 – 17,00 Poster session

F. Domingos, A. J. S. C. Pereira, S. Rodrigues, C. Alexandre, L. Simas

Spatial variability of radon activity concentration in public water supply systems across mainland Portugal (2016-2023)

P. Addonizio, G. Buccheri, R. Crisci, F. Di Guida

Indoor radon measurements in three areas of Campania

I. Smetanová, L. Pristašová, K. Csicsay, D. Haviarová

Radon activity concentration in the Blue and Harmanecká Caves, Slovakia

K. Johnová, K. Navrátilová-Rovenská

Assessing the contribution of radon progeny to external gamma dose rate measurements in tunnels

Workshop dinner 19,30 – Wednesday !!

ThePUB U Tarabika, address: Veleslavinova 3, Prague 1 (map in your workshop bag)

Thursday, September 18th

Workshop RADOIL - Associated workshop

“Radon as a Natural Tracer for Monitoring NAPL Contamination”

Conveners:

Paola Tuccimei, Martina Mattia, Michael Schubert, Jan Kukačka, Radek Červinka

Morning session (chairing – Paola Tuccimei, Jan Kukačka)

9,00 – 9,30

M. Schubert

Radon as efficient environmental tracer for subsurface NAPL contamination and in-situ remediation assessment – an overview lecture

9,30 – 10,00

P. Tuccimei, M. Castelluccio, S. Agrahari, G. De Simone, F. Pompilj, C. Lucchetti, D. Sengupta, G. Galli, P. Friello, P. Curatolo, R. Giorgi

Employing a multi-method approach consisting of soil radon deficit, resistivity, and induced polarization measurements to track NAPL pollution in two regions in Italy and India.

10,00 – 10,30

M. Mattia, P. Tuccimei, G. Ciotoli, M. Soligo, C. Carusi, E. Rainaldi, M. Voltaggio

Integrating Radon Deficit, NAPL Concentration, and Dynamics of Groundwater Table for Evaluating Soil and Aquifer Pollution from NAPLs

Coffee break 10*30 – 11*00

11,00 – 11,30

J. Kukačka, R. Červinka, V. Ficaj, D. Kahuda, P. Pech

Pilot site case studies (RADOIL project)

11,30 – 12,00

R. Červinka, J. Kukačka, V. Ficaj, D. Kahuda, P. Pech

Methodology for evaluation of field measurements (RADOIL project)

Discussion and closing of the RADOIL workshop

Closing of the GARRM workshop