



Scientific Workshop 20th October 2020

EMPIR 19ENV01 traceRadon



The EMPIR initiative is co-funded by the European Union's Horizon 2020 research and innovation programme and the EMPIR Participating States

The meeting will be held at the PTB's Chadwick-Bau, Room 311 as a hybrid meeting: PTB, Bundesallee 100, 38116 Braunschweig, Germany

- 08:00 - 09:00 Technical test of the (Web-) Conference
- 09:00 - 09:15 **Annette Röttger (PTB):** *Introduction to traceRadon*
- 09:15 - 10:15 **Florian Mertes and Stefan Röttger (PTB):** *Status of the Rn-222 emanation source development at PTB*
- Katarzyna Wołoszczuk (CLOR):** *Calibration procedures of radon instruments*
- Razvan Ioan (IFIN-HH):** *Capabilities at IFIN-HH*
- Scott Chambers (ANSTO):** *Overview of the new portable ANSTO dual-flow-loop two-filter Radon-222 monitor*
- 10:15 - 10:30 Break
- 10:30 - 11:15 **Claudia Grossi (UPC):** *State of the art of radon flux measurements*
- Luis Quindos (UC) :** *A radon bed exhalation facility*
- 11:15 - 12:00 **Ute Karstens (ICOS Carbon Portal Lund University) and Arturo Vargas (UPC):** *Radon flux maps and their validation using radon flux measurements and terrestrial data*
- 12:00 - 13:00 Lunch
- 13:00 - 13:45 **Giorgia Cinelli (JRC):** *Radon and radon flux in maps for radiation protection issues*
- Gordana Pantelic, Ivana Vukanac, Jelena Krneta Nikolic, Maciej Norenberg, Zuzanna Baranowska, Igor Celikovic, Milos Zivanovic (VINS):** *Literature survey on the use of radon flux data for estimating indoor and outdoor radon activity concentrations*
- 13:45 - 14:00 Closing remarks



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