



M18 Meeting

EMPIR 19ENV01 traceRadon

23rd November 2021, 10:00 – 17:00

AGENDA

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| 9:30 – 10:00 | Testing Web-conference and registration | |
| 10:00 – 10:15 | Welcome – Short introduction LSCE-UVSQ | UVSQ |
| 10:15 – 11:00 | Invited talk: "Atmospheric ²²² Rn observations - history and prospects" | Ingeborg Levin and Scott Chambers |
| WP4: Radon and radon flux in maps for radiation protection issues | | |
| 11:00 – 11:45 | Overview of WP4 | Giorgia Cinelli, JRC (10 min) |
| | Outdoor radon literature review | Igor Celikovic, VINS (15 min) |
| | Results of the analysis of Rn, GDR, Meteo in a station in Slovenia | Miguel Ángel Hernández-Ceballos, UCO (20 min) |
| WP1: Traceable measurements of outdoor radon activity concentrations | | |
| 11:45 – 12:45 | Overview of WP1 | Stefan Röttger, PTB (5 min) |
| | New traceable low-level radon emanating source from CMI | Monika Mazanova CMI, Petr Otahal SUJCHBO (10 min) |
| | IRSD development and characterisation at PTB | Florian Mertes, Stefan Röttger PTB (10 min) |
| | Final design, calibration and first intercomparisons test of the new ARMON instrument. Influence of the silica gel in the ²¹² Po counting | Roger Curcoll, Claudia Grossi and Arturo Vargas, UPC (15 min) |
| | Passive etched solid state nuclear track detectors for outdoor radon monitoring at meteo-radiological IFIN-HH site survey | Ileana Radulescu, Mihail Razvan Ioan, IFIN-HH (10 min) |
| | Full budget of uncertainties of radon measurements | Dafina Kikaj, Chris Rennick, NPL (10 min) |
| 12:45 – 13:30 | Lunch break | |

| WP2: Radon flux measurements | | |
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| 13:30– 14:20 | Status of WP2 activities: overview of the main tasks (T2.1, T2.2, T2.3, T2.4) | Claudia Grossi, UPC (15 min) |
| | Radon exhalation bed: lesson learned and next steps. Radon flux systems intercomparison: early results | Daniel Rabago, Luis Quindos, UC (15 min) |
| | New radon flux system: strengths and weaknesses | Francesco Cardellini, Alessandro Rizzo, ENEA (10 min) |
| | Intense radon flux campaigns: Organisation and open discussion | Jess Connolly, NPL (10 min) |
| WP3: Validation of radon flux models and inventories using radon flux and terrestrial data | | |
| 14:20 – 15:05 | Overview of WP3 | Ute Karstens, LUND (5 min) |
| | Update of the process-based radon flux map and first evaluation | Ute Karstens, LUND (10 min) |
| | Experimental investigation of the inherent background, the response to small variations of the ambient dose equivalent rate and to secondary cosmic radiation of the dosimetric and spectrometric systems | Viacheslav Morosh, PTB (20 min) |
| | Assessment of reanalysis and in-situ soil moisture data | Susana Barbosa, INESC TEC (10 min) |
| 15:05 – 15:15 | Break | |
| WP5: Creating impact | | |
| 15:15 – 16:00 | Task 5.1 Knowledge transfer | Chris Rennick, NPL Garry Hensey, NPL |
| | Task 5.2 Training | Garry Hensey, NPL |
| | Task 5.3 Uptake and exploitation | Garry Hensey, NPL |
| WP6: Management and coordination | | |
| 16:00 – 16:45 | Task 6.1 Project management | Annette Röttger, PTB |
| | Task 6.2 Project meetings | PTB, all partners |
| | Task 6.3 Project reporting | PTB, all partners |
| | M18 Reporting: Progress Reports, Impact and Output | |
| | Reports: Preparation of next general meeting | |
| 16:45 - 17:00 | Closing Remarks | |