



WG3-S3 Radon

## Tuesday, June 21, 16:00-18:00 Room: Klub M

16:00 - 16:10	<b>Opening and Welcome: Radon: New developments</b>
16:10 - 16:25	<b>Francesca Tugnoli and Luisella Garlati, Politecnico di Milano</b> Newly accredited radon chamber: Activities in radon proficiency tests
5 min	Discussion
16:30 - 16:45	<b>Stefan Röttger, PTB</b> State of the art of traceable radon emanation sources
5 min	Discussion
16:50 - 17:05	<b>Claudia Grossi, UPC</b> Atmospheric radon concentrations campaigns within the EMPIR 19ENV01 traceRadon project: the ARMON monitor
5 min	Discussion
17:10 - 17:25	<b>Igor Celikovic, VINS</b> Literature survey on use of outdoor radon concentrations for estimation of radon priority areas
5 min	Discussion
17:30 - 17:45	<b>Claudia Grossi, UPC</b> Radon flux campaigns within the EMPIR 19ENV01 traceRadon project
5 min	Discussion
17:50 - 18:00	All: WG 3.3 General Discussion and Closing session

**Wednesday, 22 June, 09:00-10:30 Room: Atrijum**

09:00 - 09:05	<b>Opening and Welcome: Radon: Conversion factors</b>
09:05 - 09:20	<b>Jose Luis Gutierrez Villanueva, Radonova Laboratories AB and ERA</b> How to do: Legal requirements for radon dosimetry according to the EURATOM BSS - Conversion factors (ICRP and UNSCEAR)
5 min	Discussion
09:25 - 09:40	<b>Katarzyna Wołoszczuk, Krystian Skubacz, CLOR</b> Optimization of the method for determining the size distribution of radioactive aerosols based on the size distribution of ambient aerosols
5 min	Discussion
09:45 -10:00	<b>Arturo Vargas, UPC</b> RaDosis project to evaluate dose following ICRP137
5 min	Discussion
10:05- 10:20	<b>Annette Röttger, PTB</b> Implementation of the conversion from the radon activity concentration to dose: Summary of the Brainstorming Meeting from WG 3-3 and WG 7 in 2021-11-13
10:20 - 10:30	All: WG 3.3 General Discussion and Closing session

### Tasks for 2022:

- **Task 1.** Collaboration with [traceRadon](#) European Project (start at June 2020)
  - Two main areas: **climate change** and **radiation protection**: ~ 2 M€
  - Letter of support signed by EURADOS.
  - Creating a link to the upcoming calls of the new framework: **European Partnership on Metrology: Green Deal Call** with three SRT proposals: Decision 1<sup>st</sup> December 2021: All three projects will be funded, total ~ 8 M€
  
- **Task 2.** To provide support in the usage of the radon/-progeny dose conversion factors published by ICRP in dose assessment at homes and at workplaces
  - Collaboration between both field: **radon metrology** (WG3) and **radon dosimetry** (WG7) in order to provide to the community guidelines and recommendations.
  - Discussion on the HERCA Workshop, presentation of our EURADOS activities: 2022-06-22
  - Input was generated by the gap workshop on radiation protection metrology
  - Input generated from RadoNORM



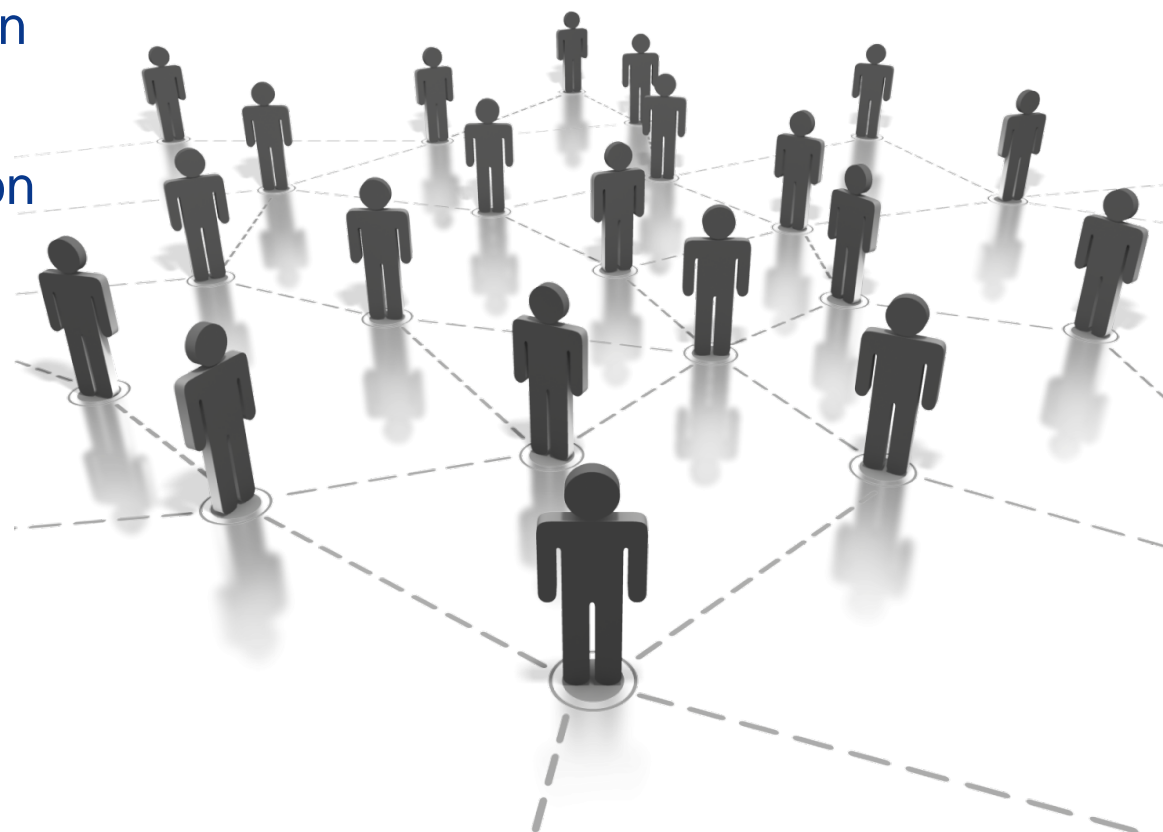
### Activities in 2021/2022:

- Letter of Agreement with EURADOS and traceRadon signed on 20<sup>th</sup> January 2021
- The three projects presented in the AM 2021 WG3-S3 were successful in the Green Deal Call 2021 of EURAMET
- EURADOS e.V. joint the EMN for Radiation Protection as partner, 2021-11-18
- EURADOS (WG3 & WG7) – Brainstorming Meeting, 2021-12-13
- Participation at the GA of EURAMETs EMN for Radiation Protection, Lisbon, 2022-04-13:  
A clear need in cooperation in the field of radon was identified!



### Planned Activities in 2022/2022:

- Cooperate in the scope of 19ENV01 traceRadon
- Cooperate with the EMN for Radiation Protection in the field of radon
- Follow-up form EURADOS (WG3 & WG7) – Brainstorming Meeting, 2021-12-13: Towards a comparison?
- Provide exchange of information on EURATOM Call activities in 2022/2023 for radon
- Provide exchange of information on EURAMET Call activities in 2022/2023 for radon



Thanks for contributing!



Further ideas?

Please contact: [annette.roettger@ptb.de](mailto:annette.roettger@ptb.de)