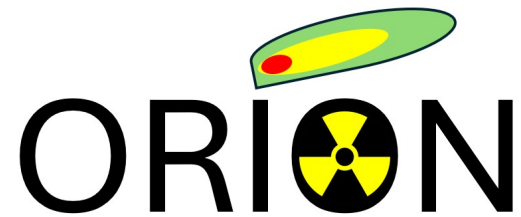

WG3 – Environmental dosimetry

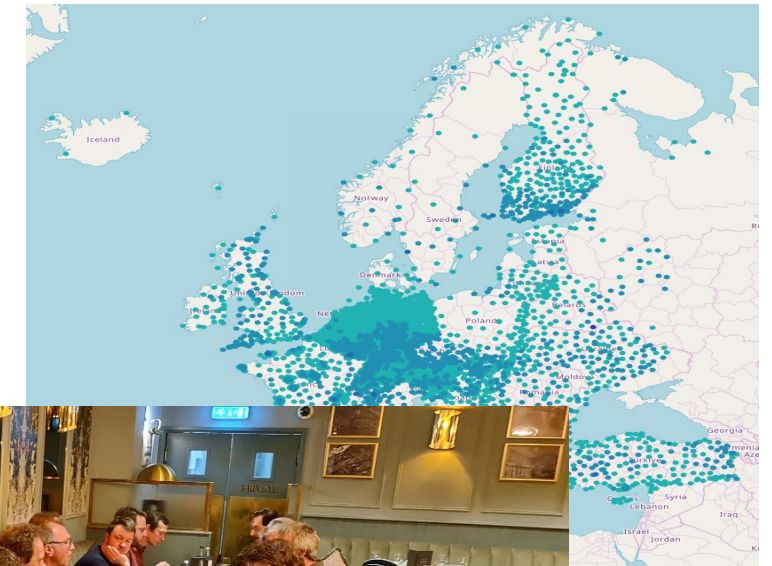
Arturo Vargas (UPC, Spain)
Ulf Stolzenberg (PTB, Germany)
Christian Naber (KIT, Germany)
Francesca Tugnoli (BfS, Germany)

WHAT WILL HAPPEN IN WG 3 DURING AM2026

RESEARCH + INTERCOMPARISONS + HARMONIZATION



Optimised and justified
decision-making in
radiological and nuclear
emergencies



....AND YES ... ALSO SOME FUN



WG 3 – Divided in 3-subgroups

Subgroup WG3-S1: “Spectrometry systems for environmental dosimetry” (2011)

Objective: improvement and harmonization of real time **spectrodosemeter** systems for **emergencies**, including **drones** and **citizen detectors**

Responsible: Ulrich Stöhlker —> Ulf Stolzenberg (PTB)

Speaker: **Ulf Stolzenberg** (PTB)

Subgroup WG3-S2: “Passive Environmental dosimetry” (2011)

Objective: Characterization of **passive detectors for area dosimetry**

Responsible: Christian Naber (KIT)

Speaker: **Christian Naber**

Subgroup WG3-S3: “Radon”

Objective: Harmonization of activities in the field of **radon progeny metrology related to dose assessments**.

Responsible: Annette Röttger (PTB) and Sebastian Feige (BfS)

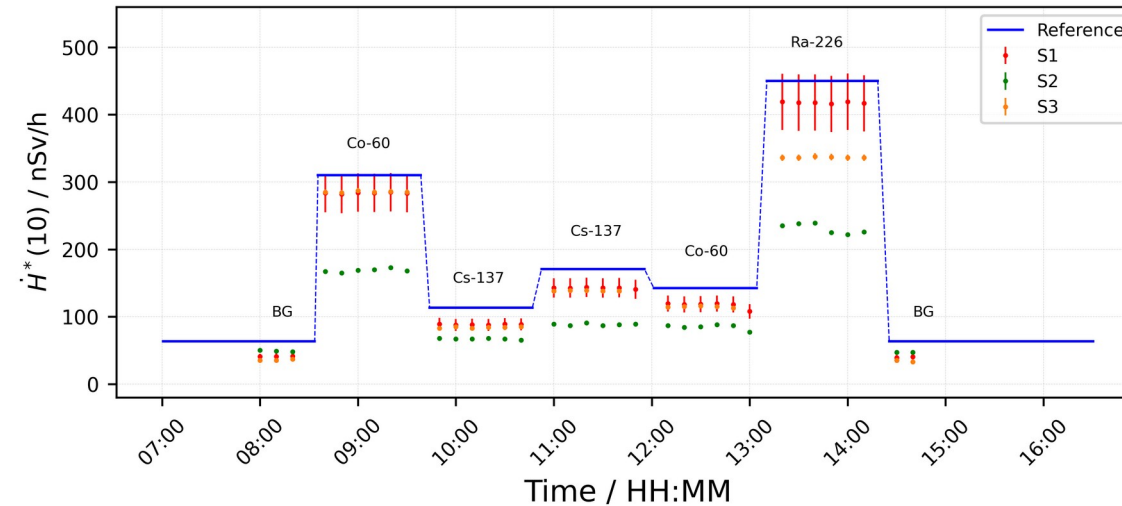
Speaker: Francesca Tugnoli (BfS)

Plenary meeting WG3 (A. Vargas): Wednesday 18th at 11h00. Room 206

- Summary of activities
- Discussion on the use of AI
- Organization of WG3-chair elections

SG 1 - Spectrometry systems for environmental dosimetry

- IC2024spec:**
- Discussion of $H^*(10)$ and spectrometric results and next steps
 - Prospects of communication/collaboration with EURDEP



ORION:
accepted EURAMET project



Optimised and justified decision-making in
radiological and nuclear emergencies

when: Today from 15h00 and tomorrow Tuesday 17th until 11h00

where: Room 207

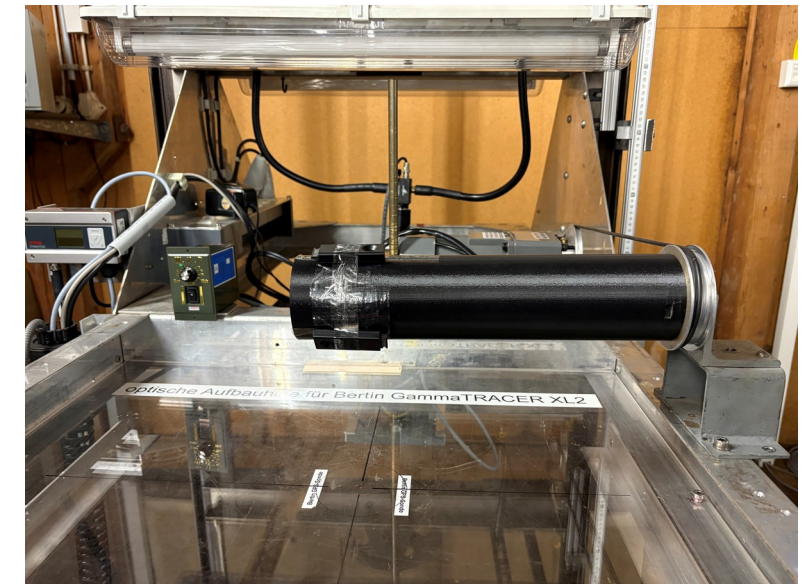
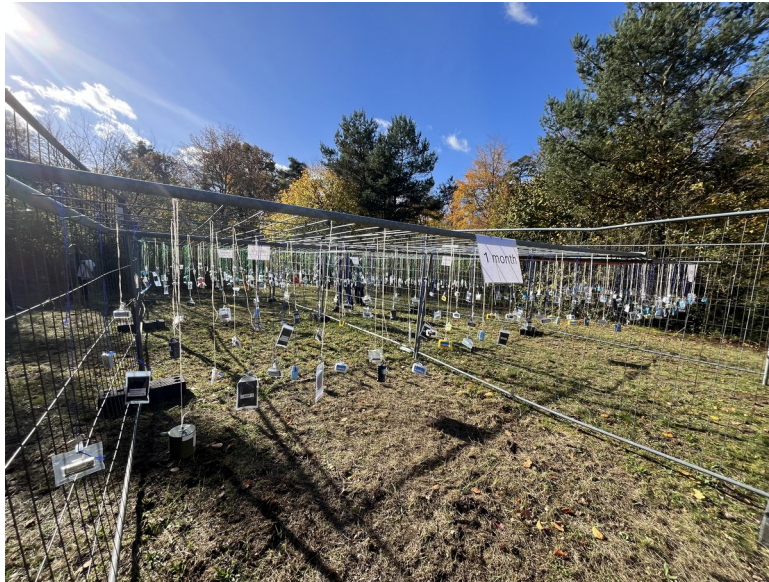
SG 2 - Passive environmental dosimetry

DURING AM2026 : Intercomparisons under the framework of WG3 SG2

“Comparison is the thief of joy.”(Theodor Roosevelt, president of the USA)

“Intercomparisons are the source of joy.” (Christian Naber, chair of WG3 SG2)

IC2025emg: current status



IC20xxcalib: interactive expression of interest

where: room 207

when: Tuesday 17th from 11h00 to 15h30

SG 3 - Radon dosimetry

DURING AM2026 : Organization of a Radon Decay Products intercomparison



Field Study in an Old Mine

Lab Tests in Radon Chamber

when & where: from Tuesday 17th 16h00 (Room 207) to Wednesday 18th 10h30 (Room 101d)