SnT 2025 CTBT: SCIENCE AND TECHNOLOGY CONFERENCE
8 SEPTEMBER ONLINE DAY
9 TO 12 SEPTEMBER AT HOFBURG PALACE, VIENNA & ONLINE

Radionuclide Isotopic Ratio Analysis at Ultra-Trace Concentration Levels for CTBT Applications

LIGHTNING TALK

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P2.3-602

- Our poster is about actinide isotopic composition “finger prints” at ultra-trace concentration level.
- I am going to tell you why isotopic ratios are important in nuclear event forensics
- And what we did about rapid and precise isotopic ratio determination to assess the nuclear event source
- The most important result of our work is $^{137}Cs/^{239+240}Pu$, $^{240}Pu/^{239}Pu$ ratios revealing nuclear contamination at sub ppt concentration level.
- If you want to find out more, come over for a chat in front of our poster **P2.3-602**

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