

Session Program

28 June 2021 to 2 July 2021



CTBT Science and Technology Conference 2021 (SnT2021)

T2.4 - Atmospheric and Subsurface Radionuclide Background and Dispersion

Tuesday 29 June

13:30

T2.4 - Atmospheric and Subsurface Radionuclide Background and Dispersion: Oral session

Session | **Location:** Online, Stage 2 | **Convener:** Ms Jolanta Kusmierczyk-Michulec

13:30–13:35 **Session introduction**

13:35–13:45

Six months of radioxenon detections by the SPALAX New Generation system near Paris in 2019

Speaker

Mr Pascal Achim

13:50–14:00

Statistical study of the IMS 133Xe data distributions, using both a parametric and a non-parametric method

Speaker

Mr Giuseppe Ottaviano

14:05–14:15

Statistical study of the Cs-137 detections at RN43 station

Speaker

Mr Mohamed Mahmoud Mounja

14:20–14:30

First observations of environmental 125Xe, 127Xe, and 129mXe

Speaker

Mr James Ely

14:35–14:45

Results of the 3rd ATM-Challenge 2019

Speaker

Mr Christian Maurer

14:50–15:00

Production of Mo-99 without Use of Uranium

Speaker

Mr James Harvey

15:05–15:15

3-D electrical imaging of mesoscale rock damage patterns from underground chemical explosions

Speaker

Mr Tim Johnson

15:30