

Session Program

21-24 Sept 2026



LRT2026 - Low Radioactivity Techniques

Rn Detection and Mitigation 1

The Guildhall, York, The Guildhall
The Courtyard, Guildhall, Coney St, York YO1 9QN United Kingdom

Monday 21 September

13:10

Rn Detection and Mitigation 1

Session |**Location:** The Guildhall, York, The Guildhall, The Courtyard, Guildhall, Coney St, York YO1 9QN United Kingdom

13:10-13:30

Facility development for ultra-sensitive radon assaying based on electrostatic chambers at University of Windsor

Speaker

Abobakr Emara

13:30-13:50

Background Characterization and Radon Mitigation for the PICO Dark Matter Detectors

Speaker

Mayank Tripathi

13:50-14:10

Coating based radon barriers for future liquid xenon detectors

Speaker

Sophie Armbruster

14:10-14:30

Demonstration of Efficient Radon Removal by Silver-Zeolite developed for the NEWS-G Dark Matter Experiment

Speaker

Marie-Cécile Piro

14:30