

Session Program

21-24 Sept 2026



LRT2026 - Low Radioactivity Techniques

Low-Background Assay Techniques 2

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

Thursday 24 September

13:55

Low-Background Assay Techniques 2

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

13:55-14:15

Rapid low-background radioassay techniques for ^{210}Pb and ^3H in materials for rare-event searches**Speaker**

Marco Consonni

14:15-14:35

Decay energy spectroscopy with solid phase extraction for radio-assay of high-purity copper.**Speaker**

jongseok Chung

14:35-14:55

Gator: A low-background Germanium facility for high sensitivity gamma-ray spectroscopy**Speaker**

Aravind Remesan Sreekala

14:55-15:15

Development of an Ultrasensitive ICP-MS Assay Method for the Determination of Long-lived Radioisotopes in Gadolinium Used in Scintillator Materials**Speaker**

Isaac Arnquist

15:15-15:35

First results from the new upgraded underground ultra-low background laboratory STELLA (SubTERRanean Low Level Assay) of the Laboratori Nazionali del Gran Sasso**Speaker**

Chiara Ghiano

15:35