

LOW  
RADIOACTIVITY  
TECHNIQUES



# 2026 WORKSHOP X



 Science and  
Technology  
Facilities Council  
Boulby Underground  
Laboratory

Dear Colleagues,

We are pleased to invite you to participate in the Low Radioactivity Techniques 2026 Workshop (LRT2026), which will be hosted by STFC Boulby Underground Laboratory and the University of York.

This will be an in-person workshop in the historical City of York in the United Kingdom.

**REGISTRATION OPENING SOON**

**Abstract Submission for Talks and Posters – NOW OPEN**

Open from: 10<sup>th</sup> April 2026

Submission Deadline: 31<sup>st</sup> May 2026

Link to website:

[Indico Event/1730/LRT2026](https://indico-event/1730/LRT2026)



Submissions for presentation at LRT on the topics below should focus on **low-radioactivity techniques** and **backgrounds relevant to experimental projects**.

### Topic

Underground laboratories

Assay Techniques

Detectors

Backgrounds and Modelling

Material Production and Industrial  
Applications

### Sub-topic

Invited Talk Only

Low-Background Assay Techniques

Mitigation of Surface Contamination

RN Detection and Mitigation

Neutron Background Mitigation

Noble Element Based Detectors

Liquid Scintillators and Cherenkov Detectors

Crystal Scintillators

Bolometers

Quantum Technologies

Cosmogenic Backgrounds & Material Activation

Experiments Background, Models and Simulations

Production of Radiopure Materials & Additive  
Manufacturing Industrial Applications

**Dates:** 21-24 September 2026 **Website:** [Indico-Event/1730/LRT2026](https://indico-event/1730/LRT2026) **Email:** [LRT2026@stfc.ac.uk](mailto:LRT2026@stfc.ac.uk)