

Session Program

10-12 Apr 2013

Low Radioactivity Techniques Workshop - LRT2013

Session 5: Purification/control techniques from radioactive noble gases

INFN - Laboratori Nazionali del Gran Sasso, E. Fermi auditorium
SS 17 bis, km 18 + 910, 67100 Assergi (AQ), Italy

Thursday 11 April

09:05

Session 5: Purification/control techniques from radioactive noble gases

Session |**Location:** INFN - Laboratori Nazionali del Gran Sasso, E. Fermi auditorium, SS 17 bis, km 18 + 910, 67100 Assergi (AQ), Italy |**Convener:** Dr Gerd Heusser

09:05–09:30

Radon assay and purification techniques

Speaker

Dr Hardy Simgen

09:30–09:50

Krypton in XENON

Speaker

Mr Sebastian Lindemann

09:50–10:10

Measurement and reduction of low-level radon background in the KATRIN experiment

Speaker

Florian Fraenkle

10:10–10:30

Radon adsorption in nanoporous carbon materials

Speaker

Prof. Jose Busto

10:30–10:50

Construction and measurements of a vacuum-swing-adsorption radon mitigation system

Speaker

Prof. Richard Schnee

10:50