

Session Program

20–23 Sept 2022

SATIF-15

Session 5

Thursday 22 September

08:00

Session 5: Code Benchmarking & Intercomparison / Induced Radioactivity & Decommissioning

Session | Convener: Mikhail Kostin

08:00–08:20 **Activation benchmarking of metals by 9.6 GeV electrons at PAL-XFEL**

Speaker

Dr Nam-Suk Jung

08:20–08:40

Overview of benchmark studies at the CERN Shielding Benchmark Facility (CSBF) and the CERN High Energy Accelerator Mixed Field (CHARM) facility in the CERN East Experimental Area

Speaker

Robert FROESCHL

08:40–09:00

Radiation protection aspects of Long Shutdown 3 at the CERN LHC experiments: a methodology for residual activation assessments applied to the CMS case study

Speaker

Tommaso Lorenzon

09:00–09:20

Activation calculations of selected RPV internal components for optimal decommissioning of nuclear power plants

Speaker

Dr Reuven Rachamin

09:20–09:40

Radiation transport calculations supporting the ISIS muon collimator replacement project

Speaker

Steven Lilley

09:40–10:00

Radiation protection studies for new beam dumps at ISOLDE at CERN

Speaker

Alice Formento

10:00