Session Program

20–23 Sept 2022

SATIF-15

Session 8

Friday 23 September

08:40

Session 8: Radiation Damage / High-Intensity Laser Facilities / Techniques & Applications

Session | **Convener:** Reginald Ronningen

08:40–09:00

Intercomparison of radiation damage calculations in target materials at proton accelerator facilities using various Monte Carlo particle transport codes

Speaker
Dr Yosuke Iwamoto

09:00–09:20

Shielding at high-power, high-intensity laser facilities: source term assessment for HED science and the Athena Lab for medical applications at HZDR

Speaker
Anna Ferrari

09:20–09:40

Solid state dosimeters at Laser-Driven Accelerator Facilities

Speaker
Anna Cimmino

09:40–10:00

A new methodology for plugging of pipe/cable penetrations in shielding walls for gamma and neutron radiation

Speaker
Ralf Buckermann

10:00–10:20

Atmospheric-like neutrons and muons at the ILC beam dumps

Speaker
Yasuhito Sakaki

10:20