

Session Program

6 November 2024

HI-ECN3 Irradiation Opportunities Workshop

Irradiation needs linked to HI-ECN3 opportunities

CERN, 31/3-004 - IT Amphitheatre

Wednesday 6 November

09:35

Irradiation needs linked to HI-ECN3 opportunities

Session | Location: CERN, 31/3-004 - IT Amphitheatre

09:35–09:55 Radiation-To-Electronics and Detectors needs

Speaker

Federico Ravotti

Subcontributions

Comparison of HI-ECN3 irradiation figures-of-merit with CERN facilities

Speaker

Pierre Pelissou

09:55–10:10 Coffee break

10:10–11:00 Terrestrial/atmospheric neutron needs

Speaker

Ruben Garcia Alia

Subcontributions

Interest of spallation neutron sources for irradiation of electronics

Speaker

Matteo Cecchetto

Terrestrial/avionics and landscape of atmospheric neutron facilities worldwide

Speaker

Carlo Cazzaniga

The ChipIrr experience: atmospheric neutron facility for electronics at spallation infrastructures

Speaker

Christopher Frost

11:00–12:00 Radiation-To-Materials needs

Speaker

Dr Marco Calviani

Subcontributions

Irradiation opportunities for oil and grease for high energy accelerator applications

Speaker

Dominika Senajova

12:00

BDF applications for advanced nuclear systems and other potential uses

Speaker

Vicente Bécares

Radiation-to-Photonics: focus on Fibre Optics needs

Speaker

Daniel Ricci

Future challenges for radiation hard materials in HEP experiments

Speaker

Nicola Pacifico