

Session Program

7-8 Jul 2025

**nBHEAM 2025: Neutron Beams at High Energy:
Applications and Metrology**

Materials and Instrumentation

IAEA Headquarter, Vienna, C-CR1

Monday 7 July

14:00

Materials and Instrumentation

Session | Location: IAEA Headquarter, Vienna, C-CR1

14:00–14:15

Evaluation of spectrum and fluxes of the ChiPlr facility for atmospheric neutron testing of electronics

Speaker

Carlo Cazzaniga

14:15–14:30

Detector response functions for in situ high energy neutron spectrometry

Speaker

Tanya Hutton

14:30–14:45

Development of a portable monitor for cosmic ray neutron observations

Speaker

Andrea Cirillo

14:45–15:00

Challenges and requirements for neutron dosimetry at laser-driven accelerators

Speaker

Anna Cimmino

15:00–15:15

A new GEANT4 fission physics model for simulation of high energy neutron detection and measurements

Speaker

Pilsoo Lee

15:15