

Session Program

15-19 Sept 2025



XV International Symposium on "Radiation from Relativistic Electrons in Periodic Structures "RREPS-25"

Channeling and Crystal-assisted Processes

Thursday 18 September

08:30

Channeling and Crystal-assisted Processes: Channeling and Crystal-assisted Processes

Session | Convener: Alexander Potylitsyn

08:30–09:00 **Modern Beams Channeling: Novel Accelerator Concepts**

Speaker

Sultan Dabagov

09:00–09:25 **Channeling experiments at the Mainz Microtron MAMI**

Speaker

Werner Lauth

09:25–09:50

High-harmonic Optical Vortex Generation and Amplification in a Laser-driven "Shaken Waveguide"

Speaker

Longqing Yi

09:50–10:05

Observation of X-ray parametric radiation from a relativistic electron passing a stack of Si crystal plates

Speakers

Dr Vahan Kocharyan, Dr Yury Cherepennikov

10:05