Session Program

Sep 23 – 28, 2018

Channeling 2018

S1.2 Channeling & Radiations in Crystals

Mon, September 24

11:20 AM

S1.2 Channeling & Radiations in Crystals

Session | **Convener:** Augusto Marcelli

11:20 – 11:50 AM

Electromagnetic Dipole Moments of Charged Baryons with Bent Crystals at the LHC

Speaker
Dr Nicola Neri

11:50 AM – 12:05 PM

Electromagnetic Dipole Moment and Time Reversal Invariance Violating Interactions for High Energy Baryons in Bent and Straight Crystals at LHC

Speaker
Prof. Vladimir Baryshevsky

12:05 – 12:20 PM

Dechanneling Population at Extreme Crystal Bending with 6.5 TeV Proton Beam

Speaker
Mr Roberto Rossi

12:20 – 12:35 PM

Total Yield and Spectra of Positrons Produced by Coherent Bremsstrahlung from 10 – 70 MeV Electrons

Speaker
Mr Sergei Abdrashitov

12:35 – 12:50 PM

The Hybrid Positron Source Using Channeling: a Promising Device for Future Colliders

Speaker
Dr Robert CHEHAB

12:50 – 1:05 PM

Comparison of Parametric X-ray Radiation and Diffracted Transition Radiation

Speaker
Dr Alexander Shchagin

1:05 PM