Session Program

Sep 23 – 28, 2018

Channeling 2018

S2.3 Channeling & Radiations in Various Fields

Tue, September 25

9:00 AM

S2.3 Channeling & Radiations in Various Fields

Session | **Convener:** Gianluca Cavoto

9:00 – 9:30 AM

Surface Plasmon Slowing Down and Cherenkov-Type THz Emission in Graphene Based Structure

Speaker
Prof. Sergey Maksimenko

9:30 – 9:45 AM

Observation of the X-ray Cherenkov Effect Near 100 eV Photons Energy

Speaker
Dr Sergey Uglov

9:45 – 10:00 AM

Charge Radiation in the Presence of Conical and Prismatic Dielectric Objects: Far-Field Area

Speaker
Prof. Andrey Tyukhtin

10:00 – 10:15 AM

Radiation of a Charge Moving in a Wire Structure

Speaker
Dr Sergey Galyamin

10:15 – 10:30 AM

On Amplification of Radiation from a Charged Particle Circulating around a Cylinder

Speaker
Prof. Aram Saharian

10:30 – 10:45 AM

Radiation on Conducting Sphere and Hemispherical Bulge in Conducting Plane: Further Development

Speaker
Prof. Vladislav Syshchenko

10:45 – 11:00 AM

Features of Radiation Generated by Bunches of Charged Particles Passing Through the Centre of a Ball

Speaker
Prof. Alpik Mkrtchyan

11:00 AM