

Session Program

Sep 23 - 28, 2018



Channeling 2018

S4.1 Charged Beams Shaping & Diagnostics

Tue, September 25

11:20 AM

S4.1 Charged Beams Shaping & Diagnostics

Session | Convener: Prof. Alexander Potylitsyn

11:20 - 11:50 AM

Optical Cherenkov Diffraction Radiation as a Tool for Non-invasive Charged Particle Beam Diagnostics

Speaker

Dr Pavel Karataev

11:50 AM - 12:05 PM

A Simple Model to Describe Smoke Ring Shaped Beam Profile Measurements with Scintillating Screens at the European XFEL

Speaker

Dr Gero Kube

12:05 - 12:20 PM

Diffraction Radiation for 2D Transverse Beam Size Diagnostics

Speaker

Dr Alexey Tishchenko

12:20 - 12:35 PM

Evolution of the Landau Spectral Peak Produced by 50 GeV Protons and 7 GeV Electrons in Si Detector at Rotation of the Detector

Speaker

Mr Ramazan Nazhmudinov

12:35 - 12:50 PM

Orientation Effect in the Neutron Yield in Deuterated Pd Target Bombarded by Deuterium Ion Beam

Speaker

Dr Alexey Rusetskii

12:50 - 1:05 PM

Crystal Optical Solution for Generation of High Energy Neutrino Beams

Speaker

Dr Vladimir Maishev

1:05 PM