

Channeling 2018

Monday, 24 September 2018

S1.1 Channeling & Radiations in Crystals (09:00 - 11:00)

-Conveners: Sultan Dabagov

time	[id] title	presenter
09:00	[66] Advances in Coherent Radiation and Channeling	Prof. SHUL'GA, Nikolai
09:30	[160] Analysis of Channeling Experiments in Diamond and Silicon Single Crystals with the Aid of the Fokker-Planck Equation	Prof. BACKE, Hartmut
09:45	[36] CRYSTALRAD Simulation Code for Modeling of Coherent Effects of Radiation in Crystals	Dr SYTOV, Alexei
10:00	[51] X-ray Emission by a High-Energy "Half-Bare" Electron in Ultra-Thin Crystals	Mr TROFYMENKO, Sergii
10:15	[97] Orbital Angular Momentum of Channeling Radiation from Relativistic Electrons in Thin Crystals	Mr ABDRAHIMOV, Sergei
10:30	[167] Measurement of Phase and Topological Properties of OAM Channeling Radiation through Asymmetric Lateral Coherence	Dr PAROLI, Bruno
10:45	[168] Beam Steering and Radiation in Ultrashort Silicon and Germanium Bent Crystals at the MAInzer Mikrotron	MAZZOLARI, Andrea