

Channeling 2018

Tuesday, 25 September 2018

S1.3 Channeling & Radiations in Crystals (14:30 - 16:30)

-Conveners: Hartmut Backe

time	[id] title	presenter
14:30	[203] Past and Future Channeling Experiments in the US	Dr WIENANDS, H.-Ulrich (Uli)
15:00	[86] Quantum Features of Relativistic Particle Scattering and Radiation in Crystals	Prof. TIKHOMIROV, Victor
15:15	[37] Periodical Dependence of Radiation Intensity on Crystal Thickness and Incidence Angle at Motion of Fast Charged Particles in the Planar Field of a Thin Crystal	Dr SHULGA, Sergiy
15:30	[44] The Thin Structure of the Transversal Energy Spectrum of Electrons at Axial Channeling due to the Spin-Orbit Interaction	Prof. KALASHNIKOV, Nikolay
15:45	[43] Non-Dipolarity of Axial Channeling Radiation at GeV Beam Energies	Mr SAVCHENKO, Aleksandr
16:00	[24] Volume Reflection Dependence on the Interplanar Potential	Dr BONDARENCO, Micola
16:15	[20] Deflection of High-Energy Negatively Charged Particles by Means of a Bent Crystal	Dr KYRYLLIN, Igor