

Channeling 2018

Monday, 24 September 2018

PS1 - Poster session (18:40 - 19:40)

-Conveners: Dariush Hampai

[id] title	presenter	board
[133] Experimental and Theoretical Investigations of Generation and Transmission Mechanisms of Cherenkov Radiation in an Optical Fiber	Mr STUCHEBROV, Sergei	
[139] Investigation of the Wake Potentials in the Orientational Motion of Charged Particles in Ionic Crystals	Dr MAKSYUTA, Nikolai	
[21] The Electrons Capture into the Axial Channeling State as the Radiative Recombination Effect	Ms BADREEVA, Dina	
[95] Photonic Crystal-Based Compact High-Power Vacuum Electronic Devices	Prof. BARYSHEVSKY, Vladimir	
[28] Backward X-ray TR from a Multilayered Structure	Mr SAVCHENKO, Aleksandr	
[121] Large-Angle Channeling Radiation by Relativistic Muons	Ms LI, Xiatong	
[128] The Polarization Characteristics of Radiation from Electrons Channeled in a Half-Wave Crystal	Dr BOGDANOV, Oleg	
[57] On Fast Charged Particles Scattering in a Thin Crystal Undulator	Prof. SHUL'GA, Nikolai	
[50] Influence of Channeling Effect on Enhancement Factor for Reaction $D(3He,p)4He$ in Astrophysical Energy Region 16÷34 keV in ZrD Target	Dr TUKHFATULLIN, Timur	
[53] Radiation of a Bunch in a Waveguide with a Semibounded Anisotropic Dielectric	Dr ALEKHINA, Tatiana	
[67] Charged Particle Bunch Radiation in Cherenkov Concentrator	Dr GALYAMIN, Sergey	
[191] Tunable Optical Radiation Formed in Crystalline Undulator	Mr GEVORGYAN, Hayk	
[192] Coherent Radiation Characteristics of Modulated Positron Bunch, Formed in Crystalline Undulator		
[111] Coherent Bremsstrahlung from Axially Channeled Electrons	Prof. KUNASHENKO, Yuri	
[113] Generation of Twisted Photons by Bent Crystals	Dr BOGDANOV, Oleg Dr KAZINSKI, Peter	
[112] Channeling Radiation of Twisted Phonons from Axially Channeled Polarized Electrons	Prof. KUNASHENKO, Yuri	
[119] Ultraviolet Channeling Radiation by Protons Accelerated at Medical Units	Mr EIKHORN, Yury	
[84] GEANT4 Simulation of Energy Deposition in Lead Fluoride Calorimeter for g-2 Experiment	Mr SAVCHENKO, Aleksandr	
[35] GEANT4 Simulation of Electromagnetic Shower Development in Oriented Crystals	Ms LEUKOVICH, Alesia	
[61] Radiation from a Dielectrically Loaded Waveguide with Open End	Dr GALYAMIN, Sergey	
[174] On the Restructuring of the Radiation Spectrum at Three-Frequency Parametric Interaction during Plane Electron Channeling in the Crystals with the Structure of a Zinc Blende	Dr MAKSYUTA, Nikolai	

[173] Peculiarities of Channeling and Generated Radiation of Relativistic Electrons in the Charged Axes of Lithium Hydride Crystals	Dr MAKSYUTA, Nikolai	
[98] Processes of Coherent and Incoherent Scattering of Charged High-Energy Particles in Ultra Thin Targets	Prof. SHUL'GA, Nikolai	
[202] Enhancement of Neutrons Yield in dd Reactions within a TiD₂ Crystalline under Irradiation by a Deuterium Ion Beam	Dr AZADEGAN, Behnam	
[13] On Coherency of Gamma Photons	Dr BULYAK, Eugene	
[156] The Channeling Radiation from Positron Bunch in Nanotubes with Polarization Inhomogeneity	Mr GEVORGYAN, Koryun	
[49] Longitudinal Beam Profile Diagnostics Using Coherent Cherenkov Diffraction Radiation at CLARA Facility	Mr FEDOROV, Kirill	
[118] Spin Rotation of Planar Channeled Muons and Anti-Muons in Bent Crystal	Ms LI, Xiatong	
[5] Orbital Angular Momentum of Radiation at Axial Channeling	Dr JANZ, Julia	