

Channeling 2018

Thursday, 27 September 2018

PS3 - Poster session (18:40 - 19:40)

-Conveners: Luca Marchitto

[id] title	presenter	board
[131] Charged Particles Production by High-Energy Electron Beam in a Tungsten Target	Mr TROFYMENKO, Sergii	
[166] Computer Simulations for Charged Particles Channeling in Capillaries	KURNIKOV, Egor	
[26] Injector Linac Prototype of the Russian 4th Generation Specialized Synchrotron Radiation Source SSRS-4 as a Possible Compact XFEL	Mr ASHANIN, Iliya Dr POLOZOV, Sergey	
[126] Passage of 10 keV Electrons through Ceramic Macrochannels	Dr VOKHMYANINA, Kristina Dr NAZHMUDINOV, Ramazan	
[147] The Crystal Surface Optimal Geometry to Reflect of a Charged Particles Beam	Mr EIKHORN, Yury	
[190] FEL Gain Formed in Sectional Undulator	Mr GEVORGYAN, Hayk	
[89] A Study on Implementation of Multistribe Crystals to Protect the Septum-Magnets and to Generate the Gamma Radiation on the U-70 Accelerator	Dr MAISHEEV, Vladimir	
[30] Optimal RF-Photogun Parameters for the Compact XFEL Based on the New Linac-Injector Prototype	Mrs KLUCHEVSKAIA, Yulia	
[108] The Mechanism of Effective Nuclear Reactions under the Action of Optimal Pulsed Magnetic Fields in Natural Lightning and Discharge Channels	Dr VYSOTSKYY, Mykhaylo	
[103] Pyroelectric Deflector of 7 MeV Electron Beam	Mr IVASHCHUK, Oleg	
[100] The Features of Propagation and the Remote Collapse of the Correlated Wave Packet	Dr VYSOTSKYY, Mykhaylo	
[106] Simulation of High-Energy Particles Channeling Using Mathematica©	Dr TUKHFATULLIN, Timur	
[39] Status of Diagnostic and Control System Development for Russian New Light Source Project SSRS-4*	Dr KULEVOY, Timur	
[64] Studies on mm-Waves at CLEAR	Dr CURCIO, Alessandro	
[181] Application of Split-Ring Resonator Based Metamaterials in Accelerators	Dr KARATAEV, Pavel	
[186] On the Use of Electron Diffracted Diffraction Radiation at X-ray Mirrors for Electron Beam Parameters Diagnostics	Prof. VNUKOV, Igor	
[90] Enhancement of the Inelastic Nuclear Interaction Rate in Crystals via Anti-Channeling	BAGLI, Enrico	
[12] Development of New Approaches to Increase the Intensity of X-ray Radiation in a Pyroelectric Source	Mr OLEINIK, Andrey	
[16] Studies of Beam-Channel Misalignment in the Hollow Channel Plasma Accelerator in Nonlinear Regime	Ms LI, Yangmei	
[19] Influence of the Frequency Detuning to Electrodynamics Parameters of an Electron Linac	Mr PRONIKOV, Alexey	
[151] Characteristic X-Ray Wire-Scanner for Fast Charged and Neutral Particle Beams Diagnostics	Mr NAZHMUDINOV, Ramazan	

[145] Half-Wave-Crystal Channeling of Relativistic Heavy Ions and Possible Applications	Dr TUKHFATULLIN, Timur	
[141] Advanced Experimental Setups for Investigation of Coherent Interactions of High-Energy Particle Beams with Crystals	MASCAGNA, Valerio	
[71] Monochromatic Coherent Grating Transition Radiation of a Relativistic Electron Bunch Train	Dr NAUMENKO, Gennady	