

Channeling 2016

Monday, 26 September 2016

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

-Conveners: Andrea Liedl

[id] title	presenter	board
[25] Experimental study of coherent interaction at high-energy in the presence of crystalline defects	BAGLI, Enrico	
[127] The formation of protonium atoms at channeling of antiprotons in a hydride lithium crystal	Dr MAKSYUTA, Nikolae	
[69] Influence of incoherent scattering on stochastic deflection of high-energy negative particle beams in bent crystals	Prof. SHUL'GA, Nikolai	
[51] Coherent production electron - positron pairs in channeled state by photon	Prof. KUNASHENKO, Yuri	
[81] Orientation Effect in d(d,n) ³ He Reaction Initiated by 20 keV Deuterons at Channeling in Textured CVD – Diamond Target	Dr TUKHFATULLIN, Timur	
[85] PXR: estimations for the maxima intensity and temperature dependence	Mr EYKHORN, Yuri	
[7] Resonance Interaction of the Laser Radiation with thin Structure of axial channeling particles energy levels	Prof. KALASHNIKOV, Nikolay	
[103] Quantum Dynamics of Positrons in the Channeling in Carbon Nanotubes	Dr SABIROV, Anatoly	
[106] Electron radiation due to reflection by the crystallographic planes of crystal.	Prof. KUNASHENKO, Yuri	
[31] Raman Scattering of Photons by the Channeling Electrons	Prof. KALASHNIKOV, Nikolay	
[30] STIMULATED RESONANCE RADIATION OF CHANNELING PARTICLES	Prof. KALASHNIKOV, Nikolay DABAGOV, Sultan	
[61] Angular distributions of parametric X-ray radiation from a diamond crystal	Dr TAKABAYASHI, Yuichi	
[183] ABOVE-BARRIER REFLECTION AND DEGENERATE STATES OF ENERGY BAND SPECTRUM IN PLANAR CHANNELING OF ELECTRONS AND POSITRONS IN CRYSTALS	Dr BABAKHANYAN, Erine	
[98] Multicrystal Microundulator	Dr JANZ, Julia	
[91] Quantum effects for particles channeling in a bent crystal	Prof. LOBKO, Alexander	
[150] Developing Parallel Application on a Cluster of Personal Computers	Prof. RASULOV, Akbarali	
[86] Z-dependence of PXR for light and heavy ions	Prof. KOROTCHENKO, Konstantin	
[42] Specific Features of Photonuclear Reactions Yield Induced by Channeling Radiation from Relativistic Electrons	Dr BOGDANOV, Oleg	
[40] Characteristics of radiation in "light" and in conventional undulators. Classical and quantum approaches.	Prof. POTYLITSYN, Alexander	
[41] Flux Peaking of 7-12 keV Deuterons at Channelling in TiD ₂ Crystal and Enhancement of Neutrons Yield in d(d,n) ³ He Reaction	Dr KUZNETSOV, Sergey Dr TUKHFATULLIN, Timur	
[5] Axial Channeling at Low Energies: Thin structure of quantum states and electromagnetic radiation	Prof. KALASHNIKOV, Nikolay	
[71] Angular Momentum of Radiation from Relativistic Electrons Channeled in Si and W Crystals	Mr ABDRAHIMOV, Sergei	

[70] Dependence of probability of close collisions of high-energy charged particles in a bent crystal from the orientation of the crystal	Prof. SHUL'GA, Nikolai	
[78] Coherent Parametric X-Radiation: Conditions of Observation	Prof. POTYLITSYN, Alexander GOGOLEV, Alexey Dr BABAEV, Anton	