



# Channeling 2014

## Monday, 6 October 2014

### PS: Poster Session (17:00 - 18:30)

-Conveners: Dariush Hampai

[id] title	presenter	board
[134] PS1-15: Spatial-Angular Distributions of Relativistic Electrons Under Channeling in Half-Wave Crystals and Corresponding Radiation	Dr TUKHFATULLIN, Timur Prof. PIVOVAROV, Yury	
[131] PS1-14: Angular Momentum of Channeling Radiation from Relativistic Electrons and Positrons	Mr ABDRAHIMOV, Sergei	
[130] PS1-18: Continuous Potentials of Crystallographic Axes for a Series of Single Crystals	Dr MURADYAN, Hovhannes	
[25] PS1-01: Cooperative Parametric (Quasi-Cherenkov) Radiation Produced by Electron Bunches in Natural or Photonic Crystals	Mr ANISHCHENKO, Sergei	
[119] PS1-09: Creation of Electron-Positron Pairs by Channelled Positrons	Mr FARTUSHEV, Iliia	
[23] PS1-02: Generation of Electron Excitations by Quantum Channeled Particle in Crystal	Dr MAZUR, Evgeny	
[94] PS1-10: Cherenkov Radiation from 255 MeV Electrons in a Diamond Crystal	Prof. PIVOVAROV, Yury	
[69] PS1-06: Asymmetry in Generation of Near-surface X-rays by 33 MeV Electrons at Grazing Interaction with Thin Si Plate in Magnetic Field	Dr KAPLIN, Valery	
[59] PS1-12: Coherent Diffraction and Cherenkov Radiation of Relativistic Electrons from a Dielectric Target in the Millimeter Wavelength Range	Dr NAUMENKO, Gennady Mr BLEKO, Vitold	
[51] PS1-26: Influence of Beam Divergence on Form-Factor in X-Ray Diffraction Radiation	Ms SERGEEVA, Darya	
[164] PS1-21: Parametric X-Ray Radiation of 50 MeV Electrons in Crystals	Mr MOVSISYAN, Artur	
[114] PS1-05: Channeling and Quasi-Characteristic Radiation of Charged Particles in Charged Axis of Ionic Crystals of CsCl-Type	Dr MAKSYUTA, Nickolae	
[80] PS1-23: Coherent Radiation from Bunch Sequences: Theory Background	Mr KONKOV, Anatoly Mr SHKITOV, Dmitry	
[109] PS1-27: Abnormal Optical and X-Ray Phenomena at Motion of Fast Water Stream Through Thin Channels	Prof. VYSOTSKII, Vladimir	
[101] PS1-20: Influence of Real Photon Diffraction on Parametric X-Ray Radiation Angular Distribution in thin Perfect Crystals	Prof. VNUKOV, Igor	
[35] PS1-03: Single Photon Annihilation of Positrons in the Channeling Regime	Prof. KALASHNIKOV, Nikolay	
[65] PS1-07: Simulation of Positron Energy Spectra Generated by Axial Channeling Radiation of GeV Electrons in a Thick Tungsten Single Crystal	Dr AZADEGAN, Behnam Mr MAHDIPOUR, Seyed Ali Dr WAGNER, Wolfgang	
[178] PS1-24: Formation Length of Undulator Radiation Emitted by High Energy Electrons	Prof. SHUL'GA, Nikolai	
[170] PS1-28: Ceramic Accelerator	Dr SHCHAGIN, Alexander	
[15] PS1-22: CST Simulations of Smith-Purcell Radiation from lamellar and Echelle Gratings for Sub-THz Frequencies	Dr LEKOMTSEV, Konstantin	

<b>[166] PS1-08: Characteristic X-Ray Radiation Excited by 450 MeV/Nucleon C+6 Ions and 1 GeV Protons in Extracted and Circulated Beams of Accelerator U70</b>	NAZHMUDINOV, Ramazan	
<b>[154] PS1-17: Hybrid Scheme of Positron Source at SPARC LNF Facility</b>	Mr ABDRASHITOV, Sergei	
<b>[157] PS1-16: Electron and Positron Channeling in Straight and Periodically Bent Axial Si Channels</b>	Mr SUSHKO, Gennady	
<b>[44] PS1-25: Enhancing Interference in the Spectrum of Bremsstrahlung on a Composite Target</b>	Dr BONDARENCO, Micola	
<b>[71] PS1-11: RADCHARM++: a Software to Simulate Electromagnetic Radiation Generated by Relativistic Electrons and Positrons in Crystals and Complex Structures</b>	BANDIERA, LAURA	
<b>[79] PS1-13: X-Ray Cherenkov Radiation: Theory Limitations and Inconsistency of Experimental Results</b>	Mr KONKOV, Anatoly	
<b>[78] PS1-19: Influence of the Divergence of Ultrarelativistic Electron Beam on Spectral-Angular Characteristics of Coherent X-Radiation Generated by it in a Single-Crystal Target</b>	Prof. BLAZHEVICH, Sergey	
<b>[47] PS1-04: Optimal Conditions for Positron Radiation in Crystal Undulators</b>	Prof. TIKHOMIROV, Viktor	