

Radiation from Relativistic Electrons in Periodic Structures "RREPS-15"

Monday 7 September 2015

Poster Section (16:30 - 18:30)

[id] title	presenter	board
[51] Calculation of radiation by a charge moving in a dielectric tube	Prof. FILIPPOV, Gennadiy Ms LYSOVA, Irina	
[67] Generation of Pulsed Neutron Beam by Channeling Radiation from Relativistic Electrons	Prof. PIVOVAROV, Yuri	
[47] Simulations of charged beams interaction with electromagnetic standing wave	BABAEV, Anton	
[31] Influence of Absorbtion on the X-Ray Diffraction by the Trapeziform Model of Superlattice with a Stacking Fault	Dr MANUKYAN, Hasmik	
[55] Quasicharacteristic Radiation of Relativistic Electrons at Orientation Motion in Lithium Halides Crystals along Charged Planes and Axes	Dr MAKSYUTA, Nickolai	
[76] Comparison of the quantum and classical calculations of flux density of (220) channeled positrons in Si crystal	EIKHORN, Yury	
[7] Characterization of multi-strip crystal deflector for high energy proton beams by synchrotron radiation topography with angular scanning	Prof. CHESNOKOV, Yury	
[28] The Depth of Penetration of Slow Transverse Waves in the Plasma Interacting with Laser Beat Waves	SHAMAMIAN, Anahit	
[29] Radiation of the magneto-crystalline undulator	EPP, Vladimir	
[66] Stark effect for relativistic heavy Li-like ions planar channeled in a crystal, resonant coherent excitation and corresponding radiation	Dr SINITSYN, Evgeny	
[48] The thermal stress at short electron bunches passage through a thin target	BABAEV, Anton	
[18] Multi-photon absorption in the channeling of electrons in an external field	Dr YARALOV, Victor	
[74] Computer Modeling of Electron-Positron Pair Production by Channeling Radiation in Amorphous Converter	ABDRASHITOV, Sergei TUKHFATULLIN, Timur	
[26] The Radiation of a Positron in the Crystalline Wiggler	GEVORGYAN, Lekdar	
[106] Method of Forming Profiles of Arbitrary Electron Beams	STUCHEBROV, Sergei	
[71] Coherent Bremsstrahlung from Neutrons	KUNASHENKO, Yuri	
[108] Dual-Wave X-ray Absorptiometry in Multiphase Flow Metering	CHEREPENNIKOV, Yury	
[73] Angular-of-incidence Dependence of Total Yield of Channeling Radiation from Relativistic Electrons in Thin Si and C Crystals	ABDRASHITOV, Sergei TUKHFATULLIN, Timur	
[81] Influence of curvature on the crystal surface potential	Ms MAKEEVA, Ekaterina	
[5] Scattering of Electromagnetic Wave by Dielectric Cylinder in Eikonal Approximation	Prof. SYSHCHENKO, Vladislav	
[72] Quantum resonances in small-angular positrons and electrons reflection	KOROTCHENKO, Konstantin	
[36] Orientation Effects for the Grazing Interaction of Fast Electrons with a Dielectric Surface	Dr VOKHMYANINA, Kristina	

[65] Angular Distribution Features of the Cherenkov Radiation at the Channeling in the Optical Range	KOROTCHENKO, Konstantin	
[69] Optical Radiation from Channeled Relativistic Heavy Ions in Vicinity of the Cherenkov Angle	FIKS, Elena	
[90] Total Wake Field in a Rectangular Accelerating Structure with Dielectric Anisotropic Loading	SHEINMAN, Ilya	
[17] Radiation at Moving of Charge in Tube	FILIPPOV, Gennadiy	
[49] Distribution of the yield of X-rays produced in the pyroelectric accelerator on the pyroelectric crystal surface	OLEINIK, Andrey	
[75] Orbital Angular Momentum of Channeling Radiation from Relativistic Electrons	ABDRASHITOV, Sergei TUKHFATULLIN, Timur	
[70] Pair Creation by Channeled Particles	Mr FARTUSHEV, I V	

Tuesday 8 September 2015

Poster Section: session 2 (18:00 - 19:30)

[id] title	presenter	board
[1] Transition Radiation Of Multiply Charged Ions	Mrs IVANOVA, Irina MALYSHEVSKY, Vyacheslav	
[84] Cr/Sc Multilayer Radiator for Parametric EUV Radiation in "Water-Window" Range	Dr UGLOV, Sergey	
[21] SIMULATION OF VARIATION CHARACTERISTICS AT THERMOSTABILISATION OF 27 GHZ BIPERIODICAL ACCELERATING STRUCTURE	KLUCHEVSKAIA, Julia	
[14] Coherent X-ray radiation by relativistic electron in a structure "amorphous layer- vacuum-periodic layered medium"	NOSKOV, Anton	
[83] THz radiation under noncentral propagation of electrons through periodical channel	PONOMARENKO, Aleksandr	
[20] Generation of THz-radiation in the Cherenkov Decelerating Structure with Planar Geometry at Frequency ~ 0.675 THz	ASHANIN, Ilya	
[96] Smith-Purcell radiation from surface periodical structure formed by the external plane wave	FESHCHENKO, Anastasiya	
[89] Transition radiation from monolayer: physical and computer modelling	SUKHAREV, Vasily	
[95] Parametric radiation of electrons moving in a crystal along its surface	SERGEEVA, Daria	
[113] Diffraction and Vavilov-Cherenkov Radiation as a Novel Source of THz Radiation	Mr BLEKO, Vitold	
[114] Radiation at Charge-exchange of Ions	SHCHAGIN, Alexander	
[0] Calculation of Parametric X-ray Radiation Distribution from a Textured Polycrystal and an Approach to Orientation Distribution Function Reconstruction	Mr LOBACH, Ihar	
[57] Polarization Characteristics of Diffraction and Cherenkov Radiation from a Dielectric Screen	Prof. POTYLITSYN, Alexander Mr KONKOV, Anatoly	
[112] Spatial and Temporal Coherence Effects in Parametric X-ray Radiation	POTYLITSYN, Alexander	
[109] Generation of Cherenkov Radiation in Optical Fibers by 6-Mev Electrons. Geometry of Propagation and Light Decay	NOVOKSHONOV, Artem	
[35] THz Cherenkov diffraction radiation from a triangular prism	SAVCHENKO, Aleksandr	
[15] Influence of multiple scattering of relativistic electron on coherent x-ray radiation by electron beam in a single crystal	KOSKOVA, Tatiana	
[19] Sapphire Decelerating Capillary Channel Integrated with Antenna at Frequency 0.675 THz	ASHANIN, Ilya	
[41] Electromagnetic field in a circular waveguide with the boundary between a vacuum area and an area having a cylindrical dielectric layer	Ms GRIGOREVA, Aleksandra	