Channeling 2023

Monday, 5 June 2023

PS: Poster Session: Session PS1 (18:10 - 19:05)

-Conveners: Dariush Hampai

time	[id] title	presenter
18:10	[35] Excitation of a giant dipole resonance by radiation of channeled electrons in a Si (110) crystal	ASHURKO, Nikita
18:11	[38] Spin dynamics in nonuniform electromagnetic wave fields	DIK, Alexey
18:12	[39] On charged particle dynamics near flat solid surface	DIK, Alexey
18:13	[40] Coherent channeling radiation of electron beam in optical lattice	DIK, Alexey
18:14	[64] Impact of Dopant Concentration on the Crystalline Structure of Si-Ge Crystals for the Construction of Crystal-based Light Sources using Molecular Dynamics Simulations	Mr DICKERS, Matthew
18:15	[43] Crab crossing in inverse Compton scattering of diverging beams	GAVRILENKO, Dmitrii
18:16	[46] Use of focusing crystals in magnetic fields	MAISHEEV, Vladimir
18:17	[69] Formation of Hydrogen Atom Beams during Capture of Electrons by Non-relativistic Protons Channeled in Carbon Nanotubes	MAKSYUTA, Mykola
18:18	[70] Ion Irradiated Aligned Multiwall Carbon Nanotubes Physical Properties	Mr POPOV, Alexander Dr DIMITRIEVA, Anastasia Dr SHEMUKHIN, Andrew STEPANOV, Anton
18:19	[27] Orbital Angular Momentum of Axial Channeling Radiation from Relativistic Electrons in Thin Si Crystal	Dr BOGDANOV, Oleg
18:20	[30] Study of Spontaneous Radiation during Axial Channeling of Relativistic Positrons in Hexagonal Crystals	MAKSYUTA, Mykola