

Radiation from Relativistic Electrons in Periodic Structures "RREPS-19"

Monday, 16 September 2019

Coherent Bremsstrahlung and Channelling (14:00 - 16:10)

time	[id] title	presenter
14:00	[97] Channeling of Relativistic Electrons: from Basics to Applications	DABAGOV, Sultan
14:30	[82] Channeling and volume reflection radiation generated by 855 MeV electrons in ultrashort Si and Ge bent crystals	SYTOV, Alexei
14:50	[32] Investigation of the influence of the periodicity of crystalline atomic strings arrangement on the spectral and spectral-angular distribution of high-energy charge particle radiation in crystal	Dr KYRYLLIN, Igor
15:10	[5] The Photorecombination Effect of the Ultrarelativistic Channeling Electron	Prof. KALASHNIKOV, Nikolay
15:30	[2] Regular and Chaotic Motion Domains in the Channeling Electron's Phase Space and Mean Level Density for Its Transverse Motion Energy	Prof. SYSHCHENKO, Vladislav
15:50	[8] Positron Source based on Coherent Bremsstrahlung of 10-50 MeV Electrons	ABDRASHITOV, Sergei