

Channeling 2016

Thursday, 29 September 2016

W1.1: Mini-workshop “Simulation Techniques for Particle Dynamics in Ordered Structures (09:00 - 11:00)

-Conveners: Vincenzo Guidi

time	[id] title	presenter
09:00	[188] Simulation of Channeling and Radiation of Ultra-Relativistic Projectiles in Linear, Bent and Periodically Bent Crystals by Means of MBN Explorer	Prof. SOLOV'YOV, Andrey
09:30	[173] A method for calculation of emitted radiation in straight and bent crystals based on the Baier Katkov quasiclassical formula	BANDIERA, LAURA
09:45	[90] BCM-2.0 – the New Version of Computer Code “Basic Channelling with Mathematica©”	Dr TUKHFATULLIN, Timur
10:00	[177] Influence of space charge effect on dynamics of charged particles trapped in laser channels	Mr FROLOV, Evgenii
10:15	[73] Electromagnetic Simulations of a Metamaterial Target for Applications in Particle Accelerators	Mr VAUGHAN, Tom
10:30	[165] Modeling of channeling of deuterons in titanium deuteride	Mr SOROKIN, Dmitry
10:45	[95] Geant4 simulations of the full-size calorimeter for muon G-2 experiment	Mr SAVCHENKO, Aleksandr