



# Channeling 2016

## Thursday, 29 September 2016

### W1.2: Mini-workshop “Simulation Techniques for Particle Dynamics in Ordered Structures (11:20 - 13:05)

-Conveners: Mark Breese

time	[id] title	presenter
11:20	[149] The GECCO project	BAGLI, Enrico
11:50	[164] Ab-initio Monte Carlo simulations of relativistic particle scattering and radiation in oriented crystals	SYTOV, Alexei
12:05	[27] Channeling of protons in radially compressed chiral carbon nanotubes	Dr SARROS, Stylianos
12:20	[185] The X-ray characteristic line in the framework of the Boltzmann transport equation	Prof. FERNANDEZ, Jorge Eduardo
12:35	[172] Quantitative measurements of fuel spatial densities from GDI sprays through optical and x-ray based techniques	MARCHITTO, Luca
12:50	[116] A collimation system for ELI-NP Gamma Beam System – design and simulation of performance	Dr PATERNÒ, Gianfranco CARDARELLI, Paolo