

Channeling 2024

Tuesday, 10 September 2024

New Concepts: S3.1 (16:00 - 18:10)

-Conveners: Stefano Redaelli

time	[id] title	presenter
16:00	[80] Planar channeling of 855 MeV electrons in a boron-doped (110) diamond undulator - a case study	Prof. BACKE, Hartmut
16:30	[10] Controlled Channeling of Atom Electrons and Accompanying Nuclear Processes During the Orientational Action of a Polarized Laser Pulse on a Crystal	VYSOTSKII, Vladimir
16:50	[76] VOLUME REFLECTION CRYSTALLINE UNDULATOR	SHCHAGIN, Alexander
17:10	[93] Silicon Crystalline Undulator Based On Silicon Nitride Stressor Layer Patterning: Design and Building from TECHNO-CLS Project	MALAGUTTI, Lorenzo
17:30	[4] Few-particle intraband dipole transitions in strongly oblate asymmetric ellipsoid QD	Prof. SARKISYAN, Hayk
17:50	[28] Thermodynamic parameters of the electron gas in CdSe nanoplatelets	MAMASAKHLISOV, Yevgeni

Thursday, 12 September 2024

New Concepts (10:10 - 10:50)

-Conveners: Gianluca Cavoto

time	[id] title	presenter
10:10	[68] Ultra-high acceleration gradient using structured nanomaterials	SYTOV, Alexei
10:30	[24] Development of methods for creating sensitive receivers for the detection of distant quasars	HOVHANNISYAN, Martik

Friday, 13 September 2024

New Concepts: S3.2 (11:15 - 13:10)

-Conveners: Luca Marchitto

time	[id] title	presenter
11:15	[99] XCT - from Synchrotron to Desktop Applications	HAMPAL, Dariush
11:45	[78] Novel Hardware Setup for Astrophysics and Cosmology at INFN-LNF	PORCELLI, Luca
12:05	[51] Quantum mechanical estimation of dielectric constant values in dielectric materials in a special state with negative dielectric constant	Dr MURADYAN, Armen
12:25	[75] DOPPLER EFFECT IN A MEDIUM IN THE X-RAY RANGE	SHCHAGIN, Alexander