

Channeling 2024

Thursday, 12 September 2024

Applications & X-rays: S4.1 (16:00 - 18:30)

-Conveners: Dariush Hampai

time	[id] title	presenter
16:00	[8] Application of PXR-based X-ray source using a Si(400) radiator in the 40-keV region	Prof. HAYAKAWA, Yasushi
16:30	[46] Current activities on the 4th generation synchrotron source SYLA of the National Research Center "Kurchatov Institute"	DYUBKOV, Vyacheslav
16:50	[34] Microchannel Plate (MCP) Optical Device Characterization Using Synchrotron Radiation in the Soft X-Ray Domain	EBRAHIMPOUR, Zeinab
17:10	[5] Polycapillary applications for tomographic studies	PEREZ, Alessandra
17:30	[18] Analysis of corundum crystals optical and ultraviolet transmittance after electron beam exposure	CHEREPENNIKOV, Yury
17:50	[15] Comparative analysis of X-ray CT images and the results of digital modeling of objects printed on a 3D printer	SHAHVERDYAN, Arus

Friday, 13 September 2024

Applications & X-rays: S4.2 (09:00 - 10:50)

-Conveners: **Andrea Mazzolari**

time	[id] title	presenter
09:00	[97] Carbon nanostructure for particle physics, the Ptolemy experiment	CAVOTO, Gianluca
09:30	[22] Investigating the relationship between Tip Effect and Field Emission in Vertically Aligned Carbon Nanotubes	CECCHINI, Luca
09:50	[47] Mechanisms of destruction of MWCNTs of various diameters under ion irradiation	STEPANOV, Anton
10:10	[35] Investigating the Impact of Metalloporphyrins on DNA Damage During Electron Beam Irradiation	Dr AVETISYAN, Ani
10:30	[74] DE BROGLIE WAVE AND LONGITUDINAL DENSITY EFFECT	SHCHAGIN, Alexander