

JCNS Workshop 2024, Trends and Perspectives in Neutron Scattering: Functional Interfaces

Mittwoch, 9. Oktober 2024

Functional magnetic thin films and heterostructures (10:30 - 12:15)

time	[id] title	presenter
10:30	[14] Magnetic Nanocaps: Impact of Curvature on Structural and Magnetic Properties of Thin Films	QDEMAT, Asmaa
11:00	[27] Functionality from topological insulating films and interfaces: electronic, magnetic, thermoelectric	CORTIE, David
11:30	[24] Unveiling the mechanisms of hydrogen induced phase transitions in nickelate films	GUASCO, Laura
11:45	[31] Magnetic correlations in ion implanted metamaterials probed by neutrons	Frau VANTARAKI, Christina Prof. WOLFF, Max KAPAKLIS, Vassilios
12:00	[39] Hydrogen absorption and spin reorientation in Pt/Co/Pt and Pd/Co/Pd	PUETTER, Sabine

Freitag, 11. Oktober 2024

Functional magnetic thin films and heterostructures (10:15 - 12:00)

time	[id] title	presenter
10:15	[25] Magnetic chirality in superconducting/ferromagnetic heterostructures: insight via polarized GISANS	Dr. STELLHORN, Annika
10:45	[16] Polarized neutron reflectometry on vertical and lateral magnetic domains in thin films	SAERBECK, Thomas
11:15	[50] Molecular Beam Epitaxy at JCNS for precise interface control in heterostructures and nanostructures	BEDNARSKI-MEINKE, Connie
11:30	[34] Structural, magnetic and electrical properties of oxygen-deficient $\text{La}_{0.6}\text{Sr}_{0.4}\text{CoO}_{3-\delta}$ thin films	PETRACIC, Oleg
11:45	[47] Investigation of the structural and magnetic properties of the interface in $\text{Fe}_3\text{O}_4/\text{TiO}_2\text{-Nb:STO}$ heterostructures	XU, Yifan