

MaNEP Mini-Workshop on Complex Oxide Heterostructures

28 October 2021

P1	M. Radovic	Creating and Tuning Electronic states and Phases of NdNiO ₃
P2	V. Strocov	Band-Order Anomaly at the Al ₂ O ₃ /SrTiO ₃ Interface Drives the Electron-Mobility Boost
P3	S. Sarkar	Unusual copper charge density wave (Cu-CDW) order in YBa ₂ Cu ₃ O ₇ /Nd _{1-x} (Ca _{1-y} Sr _y) _x MnO ₃ heterostructures
P4	L. Varbaro	Controlling the order parameter coupling in nickelate-based superlattices
P5	A. Waelchli	Growth and Oxygenation of Infinite-Layer CaCuO ₂ and SrCuO ₂ Thin Films
P6	X. Verbeek	Hidden Magnetoelectric Multipoles, and anti-Magnetoelectric Effect in Fe ₂ O ₃
P7	J. Knobel	Electronic Properties of Sr ₂ IrO ₄ - YBa ₂ Cu ₃ O _{7-δ} thin film heterostructures
P8	M. Soulier	Spontaneous voltage due to polar surface charges in YBaCuO-NdCaSrMnO heterostructures
P9	S. Gariglio	Octahedra rotations coupling in perovskite vanadate heterostructures
P10	J. Stahn	Operando investigation of magnetic and compositional density variation in layered systems
P11	M. Merkel	Charge-disproportionation insulators driven by Hund's coupling in the five-orbital Hubbard model: the example of CaFeO ₃
P12	M. Kotiuga	Determining structural prototypes of perovskite oxides
P13	L. Bugnon	Far-infrared optical response of Ce-doped CaMnO ₃ thin film
P14	L. Korosec	Perturbed Angular Correlation Spectroscopy of Complex Oxide Heterostructures
P15	F. Stramaglia	Enhancing magnetism in ultrathin La _{0.8} Sr _{0.2} MnO ₃ films using antiferromagnetic buffer layers
P16	S. Jöhr	Ferromagnetic insulating Nd ₂ NiMnO ₆ thin film grown by sputtering
P17	C. Lichtensteiger	InteractiveXRDFit: a tool to simulate and fit X-ray diffractograms of oxide thin films and heterostructures
P18	R. Capu Gaina	Magnetic-field dependence of the copper charge density wave order in a YBa ₂ Cu ₃ O ₇ /Nd _{0.65} (Ca _{0.7} Sr _{0.3}) _{0.35} MnO ₃ superlattice