

# MaNEP Mini-Workshop on Complex Oxide Heterostructures

28 October 2021

9h30 First connection

9h50 Welcome

Chair: *Vladimir Strocov*

10h	<b>Manuel Bibes</b>	<b>Spin-charge interconversion with two-dimensional oxide systems</b>
10h30	Fryderyk Lyzwa	<i>Optical evidence for non-collinear and strongly asymmetric polar moments at back-gated SrTiO<sub>3</sub> interfaces</i>
10h45	Anna Zakharova	<i>Interplay between magnetism and interface-induced effects in ultra-thin manganites</i>

11h BREAK

Chair: *Stefano Gariglio*

11h15	<b>Pavlo Zubko</b>	<b>Ferroelectric domains in curved free-standing superlattices</b>
11h45	Sayantika Bhowal	<i>Revealing hidden magneto-electric multipoles using Compton scattering</i>
12h	Yixi Zhou	<i>Variable-temperature SNOM imaging of long-propagating phonon-polaritons in STO and LAO/STO interfaces</i>
12h15	Yorick A. Birkhölzer	<i>Nanoscopic strain control in VO<sub>2</sub> thin films</i>

12h30 LUNCH

13h30 POSTER SESSION *(already running over lunch)*

Chair: *Milan Radovic*

14h30	<b>Hans Boschker</b>	<b>Thermal Laser Epitaxy</b>
15h	Jonathan Spring	<i>Interfacial reconstructions in double perovskite thin films</i>
15h15	Bernat Mundet	<i>Structural and electronic phase mapping in Rare-earth Nickelate heterostructures</i>

15h30 BREAK

Chair: *TBA*

15h45	<b>Victor Pardo</b>	<b>Electronic structure of the superconducting layered nickelates</b>
16h15	Marios Hadjimichael	<i>Searching for superconductivity in SrCuO<sub>2</sub> heterostructures</i>
16h30	<b>Julia Mundy</b>	<b>Superconductivity in a quintuple-layer square-planar nickelate</b>