



MaNEP Mini-Workshop on Complex Oxide Heterostructures

28 October 2021

9h30 First connection

9h50 Welcome

Chair: *Vladimir Strocov*

10h	Manuel Bibes	Spin-charge interconversion with two-dimensional oxide systems
10h30	Fryderyk Lyzwa	<i>Optical evidence for non-collinear and strongly asymmetric polar moments at back-gated SrTiO₃ interfaces</i>
10h45	Anna Zakharova	<i>Interplay between magnetism and interface-induced effects in ultra-thin manganites</i>

11h BREAK

Chair: *Stefano Gariglio*

11h15	Pavlo Zubko	Ferroelectric domains in curved free-standing superlattices
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>Nanosopic strain control in VO₂ thin films</i>

12h30 LUNCH

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

Chair: *Milan Radovic*

14h30	Hans Boschker	Thermal Laser Epitaxy
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: *Marta Gibert*

15h45	Victor Pardo	Electronic structure of the superconducting layered nickelates
16h15	Marios Hadjimichael	<i>Searching for superconductivity in SrCuO₂ heterostructures</i>
16h30	Julia Mundy	Superconductivity in a quintuple-layer square-planar nickelate