

Hands-on workshop on synchrotron techniques for research in Spintronics and Energy Storage WORKSHOP

March 11th-15th, 2024

ALBA Synchrotron, Maxwell Auditorium

Thursday, **March 14**

08h30-09h00 On-site registration for Invited Speakers and Partners

09h00-09h15 [Caterina Biscari](#) - Welcome message and the ALBA Synchrotron

09h15-09h30 [Joaquín Fernández-Rossier](#) - Introduction to the FUNLAERS project

09h30-10h15 [Stuart Parkin](#)

10h15-11h00 [Kristiaan Temst](#) "Electric Field-Control of the Magnetic Anisotropy in Magnetoelectric Fe/PMN-PT Heterostructures"

11h00-11h25 Group Photo and Break

11h25-11h50 [Alex Bondarchuk](#) "On the X-ray photoelectron spectroscopy analysis of $\text{LiNi}_x\text{Mn}_y\text{Co}_z\text{O}_2$ (NMC) battery electrodes"

11h50-12h15 [Carmen Rubio Verdú](#)

12h15-12h40 [Samuel Mañas](#) "A twisted view on two-dimensional spintronics"

12h40-13h05 [Sandra Ruiz Gomez](#) "Unlocking New Horizons: Investigating Three-Dimensional Magnetism via Correlative Microscopy"

13h05-13h30 [Jordi Arbiol](#) "Quantum nanostructures at atomic scale: From vertical hybrid nanowires to planar nanowire networks and 2DEG/2DHG systems"

13h30-14h30 Lunch break