



Trends in MAGnetism 2026

7th-11th September 2026, Milano, Italy

Tuesday, 8th September - POSTER SESSION B

ROOM C	Session chair
14:00 - 16:00	Opening
Poster Code	Presenting Author - Poster Title
T01	Riza Erdem - Akdeniz University, Türkiye – “Irreversible thermodynamics of a spin-1 quantum Ising system: Relaxation dynamics based on Onsager theory”
T02	Daniil Pashnev - Polish Academy of Sciences, Poland – “Strong magnon–photon coupling in layered antiferromagnet NiPS ₃ ”
T03	Muhammad Rehan - Politecnico di Milano, Italy – “High-frequency characterization of AMR sensor dies with integrated excitation coil”
T04	Izuru Shigeta - Kagoshima University, Japan – “Superconducting properties of superconductor NbN/Heusler alloy Co ₂ FeSi epitaxial films in high magnetic fields”
T05	Andrei Shumilin - ICMol, Universidad de Valencia, Spain - “Intrinsic (non)-Gilbert damping in magnetic insulators calculated from a minimal model and <i>ab initio</i> spin Hamiltonians”
T06	Bhuvan Sosale Vasudeva - Lappeenranta-Lahti University of Technology, Finland- “Controlling spin-wave packets via pulse-shape engineering”
T07	Mislav Trbušić - University of Maribor, Slovenia - “Thermal stabilization of the RF pickup coils in the system for characterization of paramagnetic materials”
T08	Huiwen Wang - Beihang University, China - “Effect of Ion Irradiation on Magnetic properties of Pt/Co/X Thin Films”
T09	John Wilkinson - ISIS Neutron and Muon Source, STFC, UK - “Entangled muons as a probe of ultrafast paramagnetic dynamics”
T10	Marek Wójcik - Polish Academy of Sciences, Poland - “Helical magnetic structure in Mn ₂ GaC MAX phase films”
T11	František Máca - Institute of Physics CAS, Czech Republic- “Stability and magnetic ordering near the antiphase boundary in Ni ₂ MnGa”
T12	Jakub Zazvorka - Charles University, Czech Republic- “Control of compensation and anisotropy in Co/Tb multilayers using a buffer layer”
T13	Koplak Oksana - Università degli Studi di Milano-Bicocca, Italy - “Chitosan-coated iron-based nanoparticles for magnetic hyperthermia application”
T14	Benjamin Mimica Figari - Politecnico di Bari, Italy – “Dynamic Characterization of Nanowire Arrays with Interlayer Exchange Coupling”
T15	Filippo Lorenzoni - Università delle Marche, Italy- “Ultra-Compact Magnetoelectric Antenna for RF Energy Harvesting”
T16	Sreya Pal - Politecnico di Milano, Italy - “Wafer-scale deposition of SmCo films by remote plasma sputtering: A route to high-performance permanent micromagnets”
T17	Valentyn Volobuiev - Polish Academy of Sciences, Poland- “Epitaxial growth and characterization of NiAs-type altermagnetic MnTe thin films on (111) substrates”
T18	Abhishek Erram - Indian Institute of Technology Bombay, India – “Reciprocity in Charge–Orbital-Spin interconversion”
T19	KV Shilna - Indian Institute of Technology Bombay, India - “Observation of Ferromagnetism in Sputtered Co-doped HfO ₂ Thin Films”
T20	Ildus Sharafullin - Ufa University of Science and Technology, Russia – “Surface properties and spin waves of ferroelectric/ferromagnetic superlattices”
T21	Marica Licciardi - Politecnico di Milano, Italy – “Non-Reciprocal Band Effect in Magnetic Materials: from Symmetry Constraints to First-Principles Validation”