

Poster number	First Name	Last Name	University	Poster Title
M1	Ahmed	SIDI EL VALLI	INAC/CEA-Grenoble	Microwave rectification in magnetic tunnel junctions with perpendicular anisotropy
M2	Ajay Kumar	Jha	Trinity College Dublin	Magnetotransport Study of the Anisotropy of a Highly Spin- polarised Low-moment Ferrimagnet
M3	Alexander	Kreil	Kaiserslautern University	Control of magnon supercurrents by magnon density
M4	Alexandra	Ovalle	Universidad de Santiago de Chile	3-D characterization of multilayers thin films of CoPd using resonant soft x-ray scattering
M5	Alvaro	Diaz-Garcia	University of Seville	The AC susceptibility of the overlapping thermomagnetic phase transitions in Ni-Mn-In Heusler alloys
M6	Angelica	Davidson	University of Denver	Spin Hall effect in Magnetic Materials
M7	Anjan Kumar	Jena	Indian Institute of Technology (IIT) Hyderabad	Magnetic field assisted multiferroic BiFeO <sub>3</sub> based RRAM device
M8	ANKAN	MUKHOPADHYAY	INDIAN INSTITUTE OF SCIENCE	STUDY OF MAGNETIC PROXIMITY EFFECT IN Pt/Co/Pt TRILAYER SYSTEM USING X-RAY RESONANT MAGNETIC REFLE
M9	Anthony	Tantillo	CUNY Graduate Center	Pyromagnet Choices: Routes to Minimizing the Magnetic Field Required in Thermomagnetic Heat-to-Power
M10	Anton	Bolyachkin	Ural Federal University	Magnetic Susceptibility of High-Anisotropy Nanocrystalline Alloys in the Remanent State
M11	Anulekha	De	S. N. Bose National Centre for Basic Sciences	Efficient Tunability of Spin-Wave Dynamics and Magnonic Band Structure in Binary Magnonic Crystal
M12	Arun	Parthasarathy	New York University	Domain Structure and Reversal Dynamics of Magnetoelectric Antiferromagnets
M13	Ashok	Pokhrel	The University of Alabama	Dzyaloshinskii-Moriya Interaction for Domain wall Skyrmions
M14	Ba	Myint	National University of Singapore	New Magnetic Properties of 3D magnetic nanostructures
M15	Cesar	Tejera Centeno	Spanish National Research Council (CSIC)	Benchmarking the magnetic exchange constants of spinel ferrites
M16	Chandra	Shetty	Tyndall National Institute	High frequency inductance formula for novel high density inductor structure with CZTB magnetic core
M17	Cory	Emmerson	University of Manchester	Magnetic Skyrmions for Novel Spintronics Devices
M18	Danilo Roberto	Ratkovski	Universidade Federal de Pernambuco	Thermal conductivity measurements in a closed cycle refrigerator
M19	Daoqian	Zhu	Beihang University	Threshold current density for the switching of a perpendicular magnetic layer through the interplay
M20	Dhritiman	Bhattacharya	Virginia Commonwealth University	Skyrmion manipulation using voltage control of magnetic anisotropy
M21	Fernando	Meneses	Universidad Nacional de Cordoba	Tailored magnetization reversal in cylindrical Ni/Pt multi-segmented nanowires
M22	Francesca	Brero	University of Pavia	Effects of coating on transversal and longitudinal Nuclear Magnetic Resonance relaxivity
M23	Francisco	Freire Fernandez	Aalto University	Plasmon-Induced Demagnetization and Magnetic Switching in Ni Nanoparticle Arrays
M24	Franziska	Martin	Johannes-Gutenberg University Mainz	Optimizing spin-orbit torques and DMI in multilayer heterostructures
M25	Freyja	Johnson	Imperial College London	The magnetic order of antiferromagnetic Mn <sub>3</sub> NiN thin films under biaxial strain
M26	Gavin	Macaulay	University of Glasgow	Skating on Spin Ice: geometrical dependence of ordering and correlations in a class of Artificial Sp
M27	Guangjun	Zhang	Jiangnan University	Hexagonal ferrite circulator based on CMOS technology
M28	Gyu Won	Kim	Korea University	Interfacial Dzyaloshinskii-Moriya interaction in W/CoFeB/MgO film systems
T1	Hamzah	Magsood	Virginia Commonwealth University	Measurement of Induced Voltages on Anatomically Accurate Brain phantom for TMS
T2	Hao	Chen	Carnegie Mellon University	Spin configuration and magnetic interactions in MnFe <sub>2</sub> O <sub>4</sub> nanoparticles
T3	Hilal	Saglam	Illinois Institute of Technology	Spin Transport Properties of FeRh Across its Magnetic Phase Transition
T4	I-Hsuan	Kao	Carnegie Mellon University	Electric detection and control of Skyrmions by Conductive Atomic Force Microscopy
T5	Itziar	Galarreta	University of the Basque Country	Structural and magnetic properties of Fe <sub>3</sub> -xGaxO <sub>4</sub> (0 < x < 1.46) nanoparticles
T6	Iuliia	Alekhina	Lomonosov Moscow State University	Magnetic and multiferroic response of elastomers with ferromagnetic and ferroelectric fillers
T7	Jack	O'Brien	Trinity College	Point-Contact Andreev Reflection from Zero-Moment Half-Metals
T8	Jiaju	Ma	Nagoya University	Magnetoencephalography measurements at room temperature using Magneto impedance sensor
T9	Jiaqi	Wei	Beihang University	Amplitude and Frequency Modulation Based on Memristor-controlled Spin Nano-oscillators
T10	Jingyue	Miao	Tsinghua University	Studies of Magnetic Single Particle Reversal by Machine Learning
T11	Jinzhao	Hu	University of California, Los Angeles	Magnetoelastic Micro Antennas based on Shear Waves
T12	John Rex	Mohan	Kyushu Institute of Technology	Off-stoichiometric FePt dots for Heat Dot Magnetic Recording
T13	Joseph	Boldrey	Iowa State University	Studies of Neurite Extensions on PC-12 Cells under Transcranial Magnetic Stimulation
T14	Kankana	Paul	Tyndall National Institute, University College Cork	Wideband nonlinear vibrational energy harvesters employing micro-nanomagnetics
T15	Kun	Qian	Northeaster University	FeSiP-based Magneto-Dielectric Composites for High Performance Inductors
T16	Ícaro	Soares	Federal Center for Techn Edu of Minas Gerais (CEFET-MG)	Magnetic Metamaterial Lens for Wireless Power Transfer
T17	Luis	Flacke	Walther-Meissner Institute	Spin Pumping and Low Gilbert Damping in Co <sub>2</sub> Fe <sub>2</sub> 5 Heterostructures
T18	Maria	Salvador	University of Oviedo	Double-layer fatty acids nanoparticles for magnetic paper-based biodetection
T19	Marie	Darcheville	French Alternative Energies and Atomic Energy Commission (CEA)	Development of a multi-band magnetic material by coating oxides in fluid processing
T20	Marius	Weber	TU Kaiserslautern	Dzyaloshinskii-Moriya Interaction using Spin-Spirals in First Principle Calculations
T21	Matthias Reinhard	Schweizer	TU Kaiserslautern	Effect of interlayer insertion on the spin pumping properties in CoFeB/X/Pt heterostructures
T22	Meiyang	Xing	university of texas at arlington	Ultrathin cobalt nanowires with high energy product

T23	Mekap Subhasish	Pattanaik	Nanyang Technological university, Singapore	Multi-torus Magneto-fluidic Device for Kilowatt Level Cooling Applications
T24	Melek	Villanueva	IMDEA Nanociencia	Ferromagnetic Mn-Based Ultra-Thin Films: Structural, Spectroscopic and Magnetic Characterization
T25	Michael	Goforth	Virginia Polytechnic Institute and State University	Modeling Strain-mediated Magnetolectric Near-field Communication
T26	Michael	Roos	University of Denver	Magnetic Characterization of Amorphous YIG for Spin Transport
T27	Michael	Spilsbury	Universidad Autonoma de Madrid	Enantiosensitive Bonding of Chiral Molecules on Magnetic Substrates
T28	Minjun	Ko	Korea university	Characterization of multifunctional Fe3O4-ZnO colloidal nanocrystal clusters
W1	Oliver	Bultynck	Katholieke Universiteit Leuven (KUL)	Time-resolved characterization of domain wall mediated MTJ reversal
W2	Otitoaleke	Akinola	The University of Texas at Austin	Micromagnetic Simulation of Magnetic Tunnel Junction Synapses
W3	Pankhuri	Gupta	Indian Institute Of Technology Delhi	Fabrication and detection of spin accumulation in three-terminal spintronic devices
W4	Paula	Gonzalez	BCMaterials	INCREASE THE SENSITIVITY OF MAGNETOELASTIC SENSORS BY MODIFYING THE SENSOR GEOMETRY.
W5	Po-Chuan	Chen	National Tsing Hua University	Memristive-like SOT switching in Pd/Co/Ta/CoFeB/MgO heterostructure
W6	Poonam	Lathiya	University Of South Florida	Influence of sintering temperature and hydraulic force on dynamic magnetic properties of Ni-Cu-Zn fe
W7	PRIYANKA	SAHA	S. N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES	Effect of particle size and morphology on Fe3O4 nano structures based magnetic fluid
W8	Rabindra	Pahari	University of Nebraska-Lincoln	Magnetic Quantum-Phase Transition Caused by Moment Formation and Percolation in Co1+xSn
W9	Rachel	Bennet	University of Denver	Enhancement of Thermal Spin Injection Effects in Nonlocal Spin Valves on Silicon Nitride Membranes
W10	RAHUL	GUPTA	Uppsala University	Low temperature spin dynamics in the full Heusler compound Co2FeAl interfaced with 2D-MoS2
W11	Rajesh Kumar	Rajagopal	Indian Institute of Technology Kharagpur	Electric field control of magnetization in FeCoSiB and corundum multiferroic heterostructures
W12	Richa	Pokharel Madhogaria	University of South Florida	Long range ferromagnetism and spin frustrations in double perovskite La2CoMnO6
W13	Robb	Puttock	National Physical Laboratory	Complex and Multi-modal frustration in novel Artificial spin ice
W14	Sabpreet	Bhatti	Nanyang Technological University	Dynamics of Skyrmion confined between Dzyaloshinskii-Moriya interaction energy wells
W15	Sai	Li	Fert Beijing Institute	Magnetic skyrmion applied in neuromorphic computing
W16	Shoronia	Cross	McGill University	Self-Assembly of Magnetic Iron Oxide Nanoparticle Ring Structures on Viral Templates
W17	Shreyas	Muralidhar	University of Gothenburg	Coherent excitation of propagating spinwaves in NiFe thin film using Ghz rep-rate optical pulses.
W18	Sukanta Kumar	Jena	Institute of Physics, Polish Academy of Science	Magnetisation reversal and domain structure of heavy metal/ferromagnetic heterostructures
W19	THANH BINH	NGUYEN	The University of York	THE FINITE-SIZE EFFECTS ON THE CURIE TEMPERATURE OF L10-FePt
W20	Vadim	Samardak	Far Eastern Federal University	FORC and MFM study of Fe/Au barcode nanowires fabricated by template-assisted electrodeposition
W21	Frederic	Vanderveken	Katholieke Universiteit Leuven (KUL)	Magnetolectric excitation of spin waves in non-uniformly magnetized waveguides
W22	Vimal	Deepchand	University of Delaware	Effect of Bi addition on the magnetic and structural properties of chemically synthesized Fe-Pt-Ni
W23	Wenlong	Cai	Beihang university	Field-free switching in magnetic tunnel junction based the interplay of SOT and STT
W24	Xing	Chen	Beihang University	Magnetic Skyrmion Dynamics in a Wedge-shaped Nanotrack and Its Potential Applications
W25	Xuyang	Liu	The University of Hong Kong	Hysteresis Modeling and Compensation of Magnetoresistive Sensors using ANN technique
W26	Ying	Yang	University of Manitoba	Dissipative magnon-photon coupling in a planar Michelson interferometer
W27	Yong	Li	school of Physics and Technology	Temperature-dependent interlayer exchange coupling strength in synthetic antiferromagnetic [Pt/Co]2/
W28	Yu	Li	Nano Engineering and Storage Technologies (NEST)	Bloch-point mediated nucleation and annihilation in skyrmion lattices