

Last Name	First Name	Affiliation	Title	Schedule	Number
Pinto	Ricardo	University of Porto, Portugal	Magnetic Fluid Based Heat Dissipators	Poster session 1 - Mon 12	1
Mendoza Trujillo	Kayna	Argonne National Laboratory & Northwestern University, Chicago, Illinois, USA	Comparative analysis of magnetic-and-complete phase reconstruction techniques through quantification of local anisotropy effects on patterned nanomagnets via Lorentz TEM	Poster session 1 - Mon 12	2
Janssens	Ward	KU Leuven & Imec, Belgium	Spin Hall conductivity behaviour in Pt multi-layer-Co systems	Poster session 1 - Mon 12	3
Andrews	Gregory	University of Leeds, UK	Magnetic Skyrmions in Chiral Multilayers	Poster session 1 - Mon 12	4
Fu	Hong En	Korea Univeristy, Korea	Quantum dot-embedded magnetic nanoclusters for highly sensitive rotavirus detection	Poster session 1 - Mon 12	5
Lu	Jiaqi	Beihang University, China	Voltage-gated spin-orbit torque switching in IrMn-based perpendicular magnetic tunnel junctions	Poster session 1 - Mon 12	6
Talluri	Manoj	Indian Institute of Technology Hyderabad, India	Perpendicular magnetic anisotropy in a sputter deposited nanocrystalline high entropy alloy thin film	Poster session 1 - Mon 12	7
Ben Chroud	Mohamed	Imec, KU Leuven, Belgium	Sputtered epitaxial MgO Fe on sputtered NiAl for enhanced VCMA effect	Poster session 1 - Mon 12	8
Lee	Shu Hui	Nanyang Technological University, Singapore	Cu-based spin-orbitronic topological insulator device	Poster session 1 - Mon 12	9
Yoshihara	Yuki	Tohoku University / Toyohashi University of Technology, Japan	Magneto-optical Properties of Epitaxially Grown Ce:YIG Film on YAG(111) for Spin-controlled Lasers	Poster session 1 - Mon 12	10
Ducevic	Amil	University of Vienna, Austria	Micromagnetic Simulations of Soft Magnetic Composites	Poster session 1 - Mon 12	11
Duong	Anthony	Virginia Commonwealth University, USA	Compositionally Graded Magnetic Heat Transfer Structures for Solid State Cooling	Poster session 1 - Mon 12	12
Raimondo	Eleonora	University of Messina, Italy	Skyrmion-Caloritronics: a promising Strategy to manipulate Skyrmions	Poster session 1 - Mon 12	13
Millo	Florian	Université Paris-Saclay, Centre de Nanosciences et de Nanotechnologies (C2N), France	The behavior of propagating spin waves in synthetic antiferromagnetic structure, Understanding the role of Nonreciprocity	Poster session 1 - Mon 12	14
Li	Weixiang	Beihang University, China	Field-Free Switching of Perpendicular Magnetization through Voltage-Gated Spin-Orbit Torque	Poster session 1 - Mon 12	15
Durgun	Abdullatif	Technische Universität Darmstadt, Germany	Production of a sintered NdFeB magnet using the two-powder method	Poster session 1 - Mon 12	16
Kumar	Aditya	Johannes Gutenberg University Mainz, Germany	Modulation of exchange bias in Fe ₃ GeTe ₂ /CrPS ₄ van der Waal heterostructure	Poster session 1 - Mon 12	17
Carter	Alexandra	University of York, UK	Development of Exchange Bias Materials for Magnetic Sensing Applications	Poster session 1 - Mon 12	18
Roxburgh	Alison	University of Colorado Colorado Springs, USA	Manipulating the magnon dispersion relation in nano-designed magnonic crystals	Poster session 1 - Mon 12	19
Harpel	Allison	University of Minnesota, USA	Mapping out the Design Space for Heating with Magnetic Nanowires	Poster session 1 - Mon 12	20
Grimaldi	Andrea	University of Messina, Italy	MTJ-BASED PROBABILISTIC ISING MACHINE WITH ULTRAFast DYNAMICS FOR HARD OPTIMIZATION PROBLEMS	Poster session 1 - Mon 12	21
Mukhopadhyay	Anirban	Indian Institute of Technology Madras, India	Nonlinear phenomena in a driven spin-wave active ring oscillator (SWARO)	Poster session 1 - Mon 12	22
Lutsenko	Anton	Aalto University, Finland	Design and fabrication of magnonic neural networks	Poster session 1 - Mon 12	23
Gorai	Anupam	Satyendra Nath Bose National Centre for Basic Sciences, Kolkata, India	Multi-layered Nano-hollow Spheres for Efficient Electromagnetic Wave Absorption	Poster session 1 - Mon 12	24

Du	Ao	Beihang University, China	Electrical manipulation and detection of antiferromagnetism in magnetic tunnel junctions	Poster session 1 - Mon 12	25
Moharana	Ashish	Johannes Gutenberg University Mainz, Germany	Chiral Induced Spin Selectivity effect at molecules metal hybrid interfaces.	Poster session 1 - Mon 12	26
Mouhoub	Asma	Centre of Nanosciences and Nanotechnologies in Palaiseau, France	Magnetic and Structural properties of thin and thick synthetic antiferromagnet	Poster session 1 - Mon 12	27
Shanmugam	Bala "Priya"	Virginia Tech, USA	Meshfree Micromagnetics	Poster session 1 - Mon 12	28
Fritch	Byron	Colorado State University, USA	Development of Tabletop Soft X-Ray Laser for Single Shot Magnetic Thin Film Imaging	Poster session 1 - Mon 12	29
Cronshaw	Carenza	University of York, UK	Atomistic simulations of spin-orbit torque switching of Pt/MnPt bilayers	Poster session 1 - Mon 12	30
Iglesias	Carlos	IMDEA Nanociencia, Spain	Coercivity enhancement in FeNiPC amorphous ribbons as potential precursor for rare earth-free permanent magnets	Poster session 1 - Mon 12	31
Duffee	Christian	Northwestern University, USA	VCMA Controlled Spintronic Probabilistic Combined Multiplication and Factorization Circuits	Poster session 1 - Mon 12	32
Schmitt	Christin	Johannes Gutenberg University Mainz, Germany	Identification of Néel vector orientation in antiferromagnetic NiO thin films	Poster session 2 - Tue 13	1
Trevillian	Cody	Oakland University, USA	Temporal magnon-qubit Mach-Zehnder interferometry	Poster session 2 - Tue 13	2
Arranz López	Daniel	Instituto de Magnetismo Aplicado, Universidad Complutense de Madrid, Spain	Study on how different factors affects photothermal measurements on Fe ₃ O ₄ iron oxide nanoparticles	Poster session 2 - Tue 13	3
López Mireles	Daniela Abigail	Instituto Potosino de Investigación Científica y Tecnológica A.C., Mexico	Magnetic composites based on a bi-phasic non-magnetic matrix as adaptable responsive soft materials	Poster session 2 - Tue 13	4
Fehr	David	University of Iowa, USA	Theory of Optically Detected Magnetic Resonance of a Silicon Vacancy in SiC —A Quantum Sensor of Magnetic Fields	Poster session 2 - Tue 13	5
Raftrey	David	Lawrence Berkeley National Laboratory, USA	Three dimensional spin textures in magnetic multilayers	Poster session 2 - Tue 13	6
Wagle	Dinesh	University of Delaware, USA	Magnonic hybrid systems: coherent magnon-magnon and magnon-photon coupling	Poster session 2 - Tue 13	7
Nga	Do Thi	Ewha Womans University, Seoul, South Korea	Tailoring Band Structure of Graphene by Impurity Effects in the Intermediate Temperature	Poster session 2 - Tue 13	8
Mathew	George	Karlsruhe Institute of Technology (KIT), Germany	3D Printing of Magnetic Microstructures using FluidFM technology	Poster session 2 - Tue 13	9
Bradley	Hannah	Oakland University, USA	Spike pattern recognition using antiferromagnetic artificial neurons	Poster session 2 - Tue 13	10
Heyen	Hauke Lars	Institute of Physics Greifswald, Germany	Current driven skyrmion movement and their electrical detection in Ta/CoFeB/MgO-Layers	Poster session 2 - Tue 13	11
Nihal	Ishmam	University of California, Davis, USA	Spin-flop coupling in La _{0.5} Sr _{0.5} FeO ₃ /La _{0.7} Sr _{0.3} MnO ₃ bilayer thin films	Poster session 2 - Tue 13	12
Maskill	Jan	Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau, Germany	Modulated spin-wave system for neuromorphic machine learning	Poster session 2 - Tue 13	13
DeMell	Jennifer	University of Maryland, USA	Spin Transport and Quantum Phase Changes in Pb _{0.24} Sn _{0.76} Te/Graphene Heterostructures	Poster session 2 - Tue 13	14
Revuelta Losada	Jorge	University of Seville, Spain	Infrared Thermography for the Direct Characterization of Magnetocaloric Materials via Lock-in Procedure	Poster session 2 - Tue 13	15
Vergara-Ortega	Jorge	IMDEA Nanociencia, Spain	Coercivity development in cast MnAlC alloy processed by flash-milling	Poster session 2 - Tue 13	16
Ruiz Torres	Jose Alejandro	Universitat de Barcelona, Spain	Hybrid Bi ₂ S ₃ -Au+Fe ₃ O ₄ nanosystems for theragnostic applications	Poster session 2 - Tue 13	17

Shim	Julie	University of Illinois Urbana-Champaign, USA	Unidirectional magnetoresistance in antiferromagnetic bilayers	Poster session 2 - Tue 13	18
Dickovick	Justin	Colorado State University, USA	Magnetic Damping Properties of FeGaB Thin Films Grown on LiNbO3 and Si Substrates	Poster session 2 - Tue 13	19
Attanayake	K Mudiyansele Tharindu Supun Bandara	University of South Florida, Tampa, USA	Tunable Magnetism in Multiphase Iron Oxide Nanoparticle Systems	Poster session 2 - Tue 13	20
Yuanmae	Khanitta	Maharakham University, Thailand	Magnetic Recording Quadrilemma: the Back-Switching of Data due to the Thermal Fluctuation	Poster session 2 - Tue 13	21
Hazarika	Krishna Priya	NIT Nagaland, India	Biocompatible Dy-doped Fe3O4 Nanoparticles with Tuning Magnetic Parameters and Enhanced Self Heating Efficiency for Magnetic Hyperthermia Application	Poster session 2 - Tue 13	22
Sobucki	Krzysztof	Adam Mickiewicz University in Poznań, Poland	Confluence And Stimulated Splitting Processes Of Spin Waves Scattered On Localized Modes	Poster session 2 - Tue 13	23
Vojáček	Libor	SPINTEC, France	Spin transport in CrXY Janus monolayers: multiscale computational study	Poster session 2 - Tue 13	24
Gallo	Lorenzo	IMEM-CNR and Università degli Studi di Parma , Italy	Magnetic shape memory Heuslers for low-grade heat harvesting	Poster session 2 - Tue 13	25
Palhares	Lucas	University of Campinas, Brazil	Room-Temperature Zero-Field Skyrmions in Pt/Co/Ru/Co/Pt Synthetic Antiferromagnetic Multilayers	Poster session 2 - Tue 13	26
Rovirola	Marc	Universitat de Barcelona, Spain	Magnetoelastic excitation of spin waves through surface acoustic waves	Poster session 2 - Tue 13	27
Tkáč	Martin	Pavol Jozef Šafárik University in Košice, Slovakia	Effect of powder particles surface smoothing of compacted iron powder on permeabilities	Poster session 2 - Tue 13	28
Sim	May Inn	National University of Singapore, Singapore	Quantitative imaging of spin textures and their transport signatures in chiral magnetic films	Poster session 2 - Tue 13	29
Smith	Meg	University of Manchester, UK	Growth and Characterisation of MTJ structures	Poster session 2 - Tue 13	30
Yaqoob	Misbah	Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau, Germany	Spin-orbit torques in ferromagnetic hybrids	Poster session 2 - Tue 13	31
Tashli	Mohannad	Virginia Commonwealth University, USA	Investigation of Soft Magnetic Material Cores in Transcranial Magnetic Stimulation Coils and the Effect of Changing Core Shapes on the Induced Electric Field in Small Animals	Poster session 2 - Tue 13	32
Mazza	Luciano	Politecnico di Bari, Italy	Application of spintronic nano oscillators in unconventional computing and combinatorial optimization problems	Poster session 3 - Wed 14	1
Khan	Muhammad Bilal	Technische Universität Darmstadt, Germany	Using Rigid-soft Curved Magnetic Feet for Stable Crawling of An Inchworm-Inspired Pipe Crawling Robot	Poster session 3 - Wed 14	2
Ferrer	Nica Jane	Northeastern University, Boston, MA, USA	Investigating the role of interactions on the stability of magnetic anisotropy in L10 magnetic materials	Poster session 3 - Wed 14	3
Kuznetsov	Nikolai	Aalto University, Finland	Optical Control of Spin Waves in YIG/Plasmonic Heterostructures	Poster session 3 - Wed 14	4
Yapa Mudiyansele	Nivarthana Waruni Yapa Abeyrathna	University of South Florida, Tampa, USA	Time-dependent Magnetic Properties and Coupling Nature of Fe3GeTe2 down to the 2D limit	Poster session 3 - Wed 14	5
Bishop	Omar	Virginia Commonwealth University, USA	Compositional Tuning of the Magnetic Properties of Fe3Ga4	Poster session 3 - Wed 14	6
Pathak	Pankaj	Indian Institute of Technology Delhi, India	Manipulation and Quantitative assessment of Magnetic Nanoparticles using Magnetoelectric Device for Diagnostic Applications	Poster session 3 - Wed 14	7
Fischer	Peter	Universität Konstanz, Germany	Towards a coherent THz modulation of the Rashba splitting in bulk semiconductors	Poster session 3 - Wed 14	8
Pal	Pratap Kumar	S.N. Bose National Centre for Basic Sciences, Salt Lake, Kolkata, India	Tunable Magnon-Magnon Coupling Mediated by Static and Dynamic Dipolar Interaction in Ni80Fe20 Nanocross Array	Poster session 3 - Wed 14	9
Babu	Priyanka	SRM Institute of Science and Technology, Chennai, India	Tunable Creation and Annihilation of Bimerons in Magnetic Nanostructures	Poster session 3 - Wed 14	10

Fabiha	Raisa	Virginia Commonwealth University, USA	Spin Wave Electromagnetic Nano-Antenna Enabled by Tripartite Phonon-Magnon-Photon Coupling	Poster session 3 - Wed 14	11
Sack	Rebecca	Technische Universität Braunschweig, Germany	Highly specific, enzyme-free and isothermal magnetic immunoassays for the Detection of Nucleic Acids	Poster session 3 - Wed 14	12
Hoyer	Rhea	Johannes Gutenberg University Mainz, Germany	Topological Hybrids of Magnons and Magnon Bound Pairs	Poster session 3 - Wed 14	13
Khamtawi	Rungtawan	Maharakham University, Thailand	High performance multilayer Heusler alloy-based CPP-GMR sensor	Poster session 3 - Wed 14	14
Maji	Saikat	Indian Institute of Science Bangalore, India	Domain wall chirality reversal by interfacial engineering in Pt/Co/Pt based perpendicularly magnetized systems	Poster session 3 - Wed 14	15
Salama	Sali	University Paris Saclay, France	Nonlinear interactions of spin waves in thin films	Poster session 3 - Wed 14	16
Liu	Samuel	The University of Texas at Austin, USA	Bayesian neural networks using magnetic tunnel junction-based probabilistic in-memory computing	Poster session 3 - Wed 14	17
Ryan	Sinéad	University of Colorado Boulder and NIST, USA	Optically controlling ultrafast spin flips and spin transfers in Co2MnGa	Poster session 3 - Wed 14	18
Hait	Swarnali	Satyendra Nath Bose National Centre for Basic Sciences, Kolkata, India	Simultaneous Improvement of Electric, Magnetic, and Magneto-dielectric Properties due to the reduction in grain size	Poster session 3 - Wed 14	19
Lo	Tzu-Hsiang	University of Illinois Urbana-Champaign, USA	Colossal isolation of non-reciprocal propagating spin waves in magnetic thin film devices	Poster session 3 - Wed 14	20
Rocabert	Ulysse	Technische Universität Darmstadt, Germany	Electrochemical corrosion study of La(Fe11,6-xSi1,4Mnx)H1,5 in diverse chemical environments	Poster session 3 - Wed 14	21
Kateel	Vaishnavi	Imec, Belgium	Field free switching through bending structures	Poster session 3 - Wed 14	22
Rajeevan	Vismaya	NIT Trichy, India	Structural and magnetic properties of Ni substituted FeCo alloy synthesized through polyol process.	Poster session 3 - Wed 14	23
Pantasri	Wasan	Maharakham University, Thailand	Enhancement of heat assisted magnetic recording performance with exchange coupled composite media design	Poster session 3 - Wed 14	24
Wan	Wen-jie	Zhejiang University, China	Design of A Ferrite-Assisted Synchronous Reluctance Machine Considering Stress and Manufacturing	Poster session 3 - Wed 14	25
Klich	Wojciech	National Institute of Advanced Industrial Science and Technology, Japan	Spin transport in silicon using lateral spin-valve devices	Poster session 3 - Wed 14	26
Wang	Xinran	Beihang University, China	Room temperature field-free switching of CoFeB/MgO heterostructure based on large-scale WTe2	Poster session 3 - Wed 14	27
Yao	Yuxuan	Beihang University, China	Efficient current induced SOT switching in Mo-based heterostructures	Poster session 3 - Wed 14	28
Rahaman	Hasibur	Nanyang Technological University, Singapore	Diode Characteristics in Pine Tree Domain Wall Devices via Geometrical Pinning for Neuromorphic Computing	Poster session 3 - Wed 14	29
Whitney	Adam	Colorado State University, USA	Damping in STT-MRAM Free Layers at Elevated Temperatures	Poster session 3 - Wed 14	30
Robbins	Maxwell	University of Notre Dame, USA	Design of Efficient Magnetostatic Wave Devices Through 1-port, 2-port and 3-port Equivalent Models	Poster session 3 - Wed 14	31
Dhiman	Anuj	Adam Mickiewicz University, Poznan, Poland	Magnetization statics and dynamics in symmetric [Pt/Co]24 multilayers	Poster session 3 - Wed 14	32
Posti	Raghvendra	Indian Institute of Technology Ropar, India	Emergence of considerable thermoelectric effect due to the addition of an underlayer in Pt/Co/Pt stack and its application in detecting field free magnetization switching	Poster session 3 - Wed 14	33