

Poster session I online Wednesday

- Nihad AbuAwwad **Charge density waves as enablers for chiral magnetism in two-dimensional CrTe₂**
- Amal Aldarawsheh **Formation of Antiferromagnetic skyrmions on a triangular lattice**
- Hassan Al-Hamdo **Magnetization dynamics in hybrid ferromagnetic / antiferromagnetic systems**
- Matthias Althammer **Magnon transport in YIG/Pt nanostructures with reduced effective magnetization**
- Cristina Balan **Electric field control of chiral magnetic textures in non-centrosymmetric multilayer thin films with perpendicular magnetic anisotropy (PMA)**
- Riccardo Battistelli **Revealing 3D magnetic textures in [Pt/Co/Cu]₁₅ multilayers by coherent X-ray imaging with 5 nm resolution**
- Sebastian Beckett **Magneto-thermal transport in non-collinear antiferromagnetic thin films**
- Yannic Behovits **THz spin dynamics in antiferromagnetic Mn₂Au reaching the non-linear regime**
- Mauricio Bejarano **A hybrid magnon-quantum system: magnetic vortices and spin centers in silicon carbide**
- Phinifolo Cambalame **XFeAs (X=Cu, Fe, Au) - Micromagnetic simulation, comparison with experiments and improvement perspectives**
- Miguel Angel Cascales Sandoval **Investigation of interlayer DMI interactions in synthetic anti-ferromagnets**
- Pietro Diona **Modeling and characterization of racetrack memories with VCMA synchronization**

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Rouven Dreyer	Imaging and phase-locking of non-linear spin waves
Claudia Fernández González	Chemically modulated Fe-Ni cylindrical nanowires with asymmetric magnetic response
Simone Finizio	Into the fourth dimension: Time-resolved soft X-ray magnetic laminography
Olivier Fruchart	Micromagnetics of chemical modulation in magnetic cylindrical nanowires
John Fullerton	Non-linear magnetic textures in strongly coupled cylindrical nanowires
Maik Gaerner	Quadratic and third-order magneto-optic Kerr effect in Ni(111) thin films with and without twinning
Kathinka Gerlinger	Time-resolved measurements of a topological phase transition
Sumit Ghosh	Optical generation of antiferromagnetic spin-spiral and underlying emergent interactions
Dongwook Go	Orbital current: Why it matters in spintronics
Joao Godinho	Current induced spin-orbit torque for switching and detection of reversed antiferromagnetic order in a synthetic antiferromagnet
Olena Gomonay	Magnetoelasticity-driven textures in antiferromagnets
Janine Gückelhorn	Magnon Hanle effect in easy-plane antiferromagnets
Oliver Gueckstock	Transition of laser-induced terahertz spin currents from torque- to conduction-electron-mediated transport

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- Christopher Heins **Spin wave frequency comb formation in a magnetic vortex**
- Burkard Hillebrands **Magnon Bose–Einstein condensate-based qubit calculus**
- Yusuke Imai **Echo state property in spin torque oscillator**
- El Mostafa Jalal **Magnetic and thermodynamic properties of mixed spin-3/2 and spin-1/2 Ising model on a hexagonal structure: Monte Carlo-Mean Field Treatment**
- Sarah Jenkins **Revealing the domain wall motion in Manganese Gold through Permalloy capping**
- Fabian Kammerbauer **Current-induced interlayer DMI in synthetic antiferromagnets**
- Hiroshi Katsumoto **Magnetic representation theory and dzyaloshinskii-moriya interaction in α -Fe₂O₃**
- Volodymyr Kravchuk **Chaotic antiferromagnetic nano-oscillator driven by spin-torque**