

1st Transnational Round Table on Magnonics, High-Frequency Spintronics, and Ultrafast Magnetism

POSTER PRESENTATIONS

1. "Measuring antiferromagnetic resonance in NiO using THz time-domain spectroscopy" (Eloise Lee)
2. "Nonlinear phononics and phono-magnetism in iron oxides" (Rostislav Mikhaylovskiy)
3. placeholder (Pranaba Kishor Muduli)
4. "Ultrafast nonlinear conversion of magnons in a canted antiferromagnet" (Ruben Leenders)
5. placeholder (Thomas Thomson)
6. "Novel spin-orbit induced phenomena in terahertz magnon dynamics" (Khalil Zakeri)
7. placeholder (Kirill Rivkin)
8. "Spin wave confinement in hybrid superconductor-ferromagnet nanostructure" (Julia Kharlan)
9. placeholder (Denis Candido)
10. "Magneto-optical Kerr effect characterisation of static and dynamic processes in a Thulium Iron Garnet thin film" (Paul Keatley)
11. placeholder (Paul Keatley)
12. placeholder (Amir Capua)
13. "Determining the spin polarization using PSWS for CoFeB alloys" (Reinoud Lavrijsen)
14. "Advancing magnonic neuromorphic computing" (Oleksandr Kyriienko)
15. "Modelling Injection Locked Spin-Wave Active Ring Oscillator" (Anirban Mukhopadhyay)
16. "Nonlinear excitation of high-frequency short-wavelength spin waves within magnonic crystals" (Maciej Krawczyk)
17. "Non-linear ferrite dynamics for microwave thin film technologies" (Feodor Ogrin)
18. "Reversal of nanomagnets on yttrium-iron garnet by propagating spin waves" (Dirk Grundler)
19. "Controlling Spin-Wave Frequency and Trajectory Through Inelastic Scattering on Localized Modes" (Krzysztof Sobucki)
20. "Bragg-mirror waveguides for magnonics" (Grzegorz Centała)
21. "Excitation of High Frequency Spin Waves Using Metasurfaces: A Full Numerical Study" (David Osuna Ruiz)
22. "Dynamics of edge and bulk modes in an antidot lattice with perpendicular magnetic anisotropy" (Mathieu Moalic)
23. "Electromagnetic wave induced resonance in ferromagnetic nanowires and metamaterial" (Mustafa Aziz)
24. "Spin-wave propagation properties in gyroid nanostructures" (Mateusz Gołębiowski)
25. "Magnonic Fabry-Pérot resonators as programmable phase shifters and energy concentrators" (Kevin Fripp)
26. "Magneto-acoustic metamaterials: from bulk to surface acoustic waves" (Volodymyr Kruglyak)

