

XXI^{ème} Colloque Louis Néel
13-16 novembre 2023
Sète



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Sponsors	16

Scientific committee

- Vincent Baltz (SPINTEC, Grenoble)
- Nicolas Bergéard (IPCMS, Strasbourg)
- Anne Bernard-Mantel (LPCNO, Toulouse)
- David Dekadjevi (OPTIMAG, Brest)
- Anne-Lise Engelvin (INSTN, Tours)
- Aurore Finco (L2C, Montpellier)
- Joo-Von Kim (C2N, Orsay)
- Gregory Malinowski (IJL, Nancy)
- Richard Mattana (UMR CNRS/Thales, Palaiseau)
- Olena Popova (IPR, Rennes)
- Laurent Ranno (Institut Néel, Grenoble)
- Stanislas Rohart (LPS, Orsay)
- Laura Thevenard (INSP, Paris)
- Florent Tournus (ILM, Lyon)
- Bénédicte Warot-Fonrose (CEMES, Toulouse)

Local organization team (L2C, Montpellier)

- Steeve Cronenberger
- Christelle Eve
- Aurore Finco
- Vincent Jacques
- Isabelle Robert-Philip
- Denis Scalbert
- Thibault Sohier
- Masha Vladimirova

Program overview

	Monday 13 th	Tuesday 14 th	Wednesday 15 th	Thursday 16 th
08h30				
09h00				
		Session 1: Spin torques and elastic coupling (08h30 – 10h50)	Session 4 : Magnonics (08h30 – 10h50)	Session 5 : Spin-charge conversion and THz (08h30 – 10h30)
10h00				
		Coffee break (10h50 – 11h20)		Coffee break (10h30-11h00)
11h00				
		Session 2 : Growth and imaging (11h20 – 12h40)	Poster 2 + coffee (10h50 – 13h00)	Session 6 : Chiral and topological textures (11h00 – 13h00)
12h00				
	Lunch (12h30 – 14h00)	Lunch (12h40 – 14h30)	Lunch (13h00 – 14h00)	Lunch (13h00 – 14h30)
13h00				
14h00				
	Kick-off PEPR (14h00 – 18h00)	Session 3 : Applications (14h30 – 16h30)	Excursions Tournoi (14h00 – 18h00)	
15h00				
16h00		Poster 1 + coffee (16h30 – 18h40)		
17h00				
	Apéro / Dinner		Invited talk (18h00 – 19h00)	
18h00				
19h00		Dinner	Dinner	
20h00				

Detailed scientific program

Monday November 13th

Kick-off scientifique PEPR SPIN

14h00 – 14h30 **Vincent Cros**
Lucian Prejbeanu Présentation du PEPR SPIN, enjeux, objectifs, organisation

14h30 – 15h00 **Albert Fert** Présentation keynote : De la spintronique à l'orbitronique et l'émission THz

15h00 – 15h30 **Bernard Dieny** Impact de la spintronique vers les applications, allant du numérique à la santé

15h30 – 16h00 **Stefania Pizzini**
Jon Gorchon
Matthieu Bailleul
Ursula Ebels
Myriam Pannetier-Lecoeur Flash des 5 projets ciblés du PEPR

16h00 – 16h15 **Pause café**

16h15 – 16h45 **Claude Fermon**
(animateur) Table ronde sur les applications de la spintronique

16h45 – 17h05 **Nathalie Viart**
Thibaut Devolder
Aurélien Manchon Flash des 3 projets transverses

17h05 – 17h35 **Aurélien Manchon**
Hélène Fischer
(animateurs) Table ronde sur la formation et la médiation scientifique en spintronique

17h35 – 17h50 **Alexandra Mougín**
Stéphane Mangin
Olivier Fruchart Lancement de l'AAP du PEPR SPIN

17h50 – 18h00 Conclusions, remerciements

Tuesday November 14th

Session 1: Control of magnetism with spin torque and elastic coupling

08h30 – 10h50

Chair: Laura Thevenard

08h30 – 08h50	Eva Diaz	IJL	Spin-orbit torque switching in ferromagnets and ferrimagnets induced by picosecond electrical pulses
08h50 – 09h10	Simon de Wergifosse	UC Louvain	Capturing the full analytical dynamics of spin-torque vortex oscillators from micromagnetic simulations
09h10 – 09h30	Diego Garcia Ovalle	CINAM	Spin Orbit Torque for Field-Free Switching in C3v Crystals
09h30 – 09h50	Katia Ho	UMR CNRS/Thales	Direct STXM imaging of vortex dynamics in spin-torque nano-oscillators
09h50 – 10h10	Benjamin Bony	UMR CNRS/Thales	Evidence of orbital current and orbital torques in transition metals using oxidized Cu light element
10h10 – 10h30	Stéphane Chiroli	LSPM	Dynamique de l'aimantation dans des nanostructures soumises à des déformations élastiques : une étude expérimentale et numérique
10h30 – 10h50	Ashwin Kavilen Vythelingum	INSP	Temperature- and field-hysteretic magneto-acoustic interaction in FeRh

Session 2: Growth and imaging

11h20 – 12h40

Chair: Bénédicte Warot and Florent Tournus

11h20 – 11h40	Maryam Sadeghiyan Dehaghani	IPR	Growth and multi-scale properties of hybrid magnetic tunnel junctions: towards the control of spinterfaces
11h40 – 12h00	Corentin Pfaff	IJL	Magnesium diboride thin films for superconducting spintronics
12h00 – 12h20	Tristan Clua Provost	L2C	Quantum sensing with spin defects hosted in a van der Waals material
12h20 – 12h40	Cassandra Dailedouze	LUMIN	Magnetic sensing with NV centers in diamond at pressures above 100 GPa

Session 3: Applications

14h30 – 16h30

Chair: Richard Mattana and Laurent Ranno

14h30 – 14h50	Mathieu Lamblin	IPCMS	Quantum Spintronic Energy Harvester
14h50 – 15h10	Andrea Visona	LTM SPINTEC	Cellular Interaction with Low-Frequency-Vibrating Magnetic Nanoparticles in Bio-Mimetic Mechanical Environment
15h10 – 15h30	Tianwen Huang	GEEPS	Investigation of stress-induced self-biased magnetoelectric composites for powering implanted biomedical devices
15h30 – 15h50	Erwan Plouet	UMR CNRS/Thales	Fully Parallel Spintronic Convolutional Layer with Frequency Interconnectivity
15h50 – 16h10	Lucile Soumah	SPINTEC	Scalable Superparamagnetic Tunnel Junctions for Unconventional Computing
16h10 – 16h30	Valentin Desbuis	IJL	Low-energy spin manipulation in the molecular field of a magnetic thin film

Session Poster 1

16h30 – 18h30

Applications (biology, computing, etc.)

Chiral and topological magnetic structures

Instrumentation

New materials (2D, spin ices, etc) and growth

Wednesday November 15th

Session 4: Magnonics

08h30 – 10h50

Chair: Joo-Von Kim

08h30 – 08h50	Konstantinos Sourounis	CINAM	Impact of Interactions on Topological Magnonic Transport
08h50 – 09h10	Sarah Manton	CEMES	Reconfigurable Co ₂ MnSi Heusler-based magnonic crystals
09h10 – 09h30	Aya El Kanj	UMR CNRS/Thales	Unraveling non-reciprocal and non-degenerated ultra-fast spin-waves in the canted antiferromagnet α -Fe ₂ O ₃
09h30 – 09h50	Loic Temdie	IMT Atlantique STICC	Chiral excitation of exchange spin waves using gold nanowire grating
09h50 – 10h10	Louis Christienne	INSP	Resonant coupling between Surface Acoustic Waves and Spin Waves : propagation and non reciprocity
10h10 – 10h30	Florian Millo	C2N	Evidence of unidirectional spin waves in synthetic antiferromagnets
10h30 – 10h50	Asma Mouhoub	C2N	All-inductive observation of nonlinear spin wave processes in synthetic antiferromagnet microstrips

Session Poster 2

10h50 – 13h00

Interactions of magnetism with light and photons

Spin dynamics

Spintronics

Strain effects and coupling to phonons

Invited talk

18h00-19h00

La spintronique neuromorphique

Damien Querlioz, C2N

Thursday November 16th

Session 5: Spin-charge conversion and THz emission

08h30 – 10h30

Chair: Nicolas Bergeard

08h30 – 08h50	Salvatore Teresi	SPINTEC	Room temperature spin-charge interconversion in sputtered GeTe nanodevices
08h50 – 09h10	Aurélie Kandazoglou	SPINTEC	Spin-charge interconversion in oxides for low-power memory and logic devices
09h10 – 09h30	José Solano	IPCMS	Determination of the degree of spin-polarization of the electron current in the half-metal Co ₂ MnSi
09h30 – 09h50	Sylvain Massabeau	UMR CNRS/Thales	Terahertz time-domain spectroscopy platform for spin-to-charge conversion study of spintronic emitters: application on PtSe ₂ /Bi ₂ Se ₃ TMD/TI structures
09h50 – 10h10	Matthias Riepp	IPCMS DESY	THz-Induced Spin Dynamics in Nanoscale Multi-Domain State with Perpendicular Magnetic Anisotropy
10h10 – 10h30	Martin Mičica	LPENS	Atomic-layer controlled THz Spintronic emission from Two dimensional PtSe ₂ /ferromagnet heterostructures

Session 6: Chiral and topological magnetic textures

11h00 – 13h00

Chair: Stanislas Rohart and Aurore Finco

11h00 – 11h20	Alban Simonnot	SPEC	Modelling magnetic walls in NiO
11h20 – 11h40	Arthur Chaudron	UMR CNRS/Thales	Tailoring Topological Polar Nanotextures in Multi-ferroic BiFeO ₃ Thin Films
11h40 – 12h00	Anaïs Fondet	CEMES	Towards room temperature nanoscale skyrmions in ferromagnetic metallic superlattices
12h00 – 12h20	Sujit Panigrahy	LPS	Nucleation and motion of synthetic antiferromagnetic skyrmions at zero field
12h20 – 12h40	Capucine Gueneau	SPINTEC	Control of Domain Wall Chirality in a Double Wedge System
12h40 – 13h00	Ping Che	UMR CNRS/Thales	Observations of bubble resonances in a magnetic insulator via time-resolved scanning transmission X-ray microscopy

List of posters

Session 1: Tuesday 14th, 16h30 – 18h30

1.01	Nhat-Tan Phan	SPINTEC	Bipolar Coupling of Perpendicular Superparamagnetic Tunnel Junctions for Stochastic Unconventional Computing
1.02	Thomas Brun	SPINTEC	High Sensitivity Amplification in Symmetric Response Magnetic Tunnel Junction with Flux Concentrator
1.03	Massimiliano Marangolo	INSP	A Gd based MEMS scale thermal engine
1.04	Robert Morel	SPINTEC	Magneto-mechanical stimulation of living cells: possible novel route towards innovative treatments of cancer and diabet
1.05	Leandro Ferreira Martins	SPINTEC	A non-volatile binary synapse based on a vortex nano-oscillator
1.06	Paolo Sgarro	SPINTEC	Spin-orbit Ferroelectric RAM, concept and study of spin-dependent transport via Finite Element Method simulations
1.07	Hakam Abderrazak	SPINTEC	Leveraging the phase dynamics of spin-torque nano-oscillators for unconventional computing
1.08	Mateo Ibarra Gomez	SPINTEC	A numerical study of Ising machines based on spin torque nano-oscillators
1.09	Sonia Thlang	C2N	Étude des processus non-linéaires d'ondes de spin dans des disques d'Heusler Co_2MnAl de 5 μm pour le calcul par réservoir
1.10	Joo-Von Kim	C2N	Pattern recognition in reciprocal space with a magnon-scattering reservoir
1.11	Anatole Moureaux	UCLouvain	Unveiling the potential of spintronics-based neural networks using ultrafast data-driven simulations
1.12	Miina Leiviskä	FZU	Dynamic imprinting of nanoscale topological phases into an antiferromagnet
1.13	Joseba Urrestarazu	SPINTEC	Electrical detection and nucleation of a magnetic skyrmion in a magnetic tunnel junction observed via operando magnetic microscopy
1.14	Anne Bernard-Mantel	LPCNO	Theory of magnetic field-stabilized compact skyrmions in thin film ferromagnets
1.15	Titiksha Srivastava	C2N	Resonant dynamics, spin wave generation, and spin-wave annealing in three-dimensional skyrmionic lattices
1.16	Sougata Mallick	UMR CNRS/Thales	Driving skyrmions in flow regime in synthetic ferrimagnets
1.17	Sougata Mallick	UMR CNRS/Thales	Influence of OAM light on the magnetic textures of synthetic antiferromagnets
1.18	William Bouckaert	UMR CNRS/Thales	Evaluation of the repulsive Forces Acting on Skyrmions

1.19	Ilaria Di Manici	SPINTEC	Cancellation of topological charge effect on current induced skyrmion motion in Pt/Co/Ru based multilayers
1.20	Nicolas Reyren	UMR CNRS/Thales	Skyrmionic 3D cocoons in aperiodic magnetic multilayers
1.21	Farid Fettar	Institut Néel	Skyrmions lattice in Fe/Gd multilayers with planar magnetic anisotropy
1.22	Aurélien Masseboeuf	SPINTEC	Time-resolved switching of curling magnetization in nanowires
1.23	Olivier Fruchart	SPINTEC	Domain wall manipulation in cylindrical ferromagnetic nanotube
1.24	Vincent Jeudy	LPS	Domain wall and pinning disorder interaction controlled by He ⁺ ion irradiation in Pt/Co/AlO _x ultrathin films
1.25	Georgy Ziborov	SPINTEC	Low PMA tuned iron garnets for the stabilization of magnetic skyrmions
1.26	Stefania Pizzini	Institut Néel	Improving Néel domain wall dynamics and skyrmion stability using helium ion irradiation
1.27	Eric Clot	SPINTEC Institut Néel	Development of a NV-center microscope for spin-wave spectroscopy
1.28	Alexis Wartelle	IJL	Towards hard-X-ray-based magnetic tomography: Coherent Diffraction Imaging of Co _{1-x} Gd _x microbeads
1.29	Augustin Nogier	SPINTEC	Dynamic imaging of new MRAM devices with Electron Holography
1.30	Aurore Finco	L2C	Probing the chirality of magnetic textures from spin wave noise
1.31	Alessandro Nicolaou	SOLEIL	A unique experimental end-station for correlative RIXS and XEOL spectroscopies under electric and magnetic fields
1.32	Christian Roubert	LPMC	Spectroscopie de défauts paramagnétiques par transitoires de photo-courant polarisés en spin dans les nitrures dilués
1.33	Maria Vladimirova	L2C	Towards nuclear magnetic ordering in n-type semiconductors
1.34	Karen Sobnath	MPQ	Ferromagnetic resonance damping in Co/2D material heterostructures
1.35	Tristan Riccardi	Institut Néel	Advances in Raman scattering investigations of the room temperature van der Waals ferromagnet 1T-CrTe ₂
1.36	Mathieu Jamet	SPINTEC	Proximity effects in molecular beam epitaxy grown van der Waals ferromagnet Cr ₂ Te ₃ on two-dimensional layers
1.37	Banan El-Kerdi	LPS	Ferromagnetism in exfoliated Fe _x GeTe ₂ flakes
1.38	Hao Wei	UMR CNRS/Thales	Spintronics with black phosphorus
1.39	Vincent Polewczyk	SPINTEC	Epitaxial Fe _N GeTe ₂ van der Waals films: exploring heterostructure stacking for enriched magnetic properties
1.40	Frederic Brunnett	UMR CNRS/Thales	TMD Engineering of 2D-Magnetic Tunnel Junctions – From Barriers to Electrodes

1.41	Dongzhe Li	CEMES	Ab initio study of the Dzyaloshinskii-Moriya interaction and magnetic skyrmions in Fe ₃ GeTe ₂ van der Waals heterostructures
1.42	Libor Vojacek	SPINTEC	Spin transport in CrXY monolayers: multiscale computational study
1.43	Cyrille Barreteau	SPEC	Spin-Crossover and Fragmentation of Fe(neoim) ₂ on Ag and Au
1.44	Alban Simonnot	SPEC	The magnetic phase diagram of ternary (Ni,Fe,Cr) ₃ O ₄ spinel oxides in epitaxial thin films: from the element specific magnetic behavior to magnetic modelling
1.45	Maria Jose Vazquez Bernardez	IPCMS	Tuning of high-frequency magnetic properties of doped BaM _x M' _x Fe _{12-2x} O ₁₉ composites
1.46	Liza Herrera Diaz	C2N	Oxygen Magneto-Ionics, without Oxidation
1.47	Lamia El Khabchi	IPCMS	Towards spin Hall magnetoresistance with magnetically frustrated cobalt vanadate spinel CoV ₂ O ₄ thin films
1.48	Guillaume Bernard	C2N	Magneto-ionics in CoFeB alloys
1.49	Eva Choker	GPM	Ordre magnétique dans des spinelles à propriétés thermoélectriques
1.50	Michaela Lammel	Univ. Konstanz	Vertical and Lateral Crystallization Dynamics of Yttrium Iron Garnet Thin Films
1.51	Alexandre Wu-Vignolo	MPQ	Magnetism at low symmetry surfaces
1.52	Anne Lise Adenot Engelvin	CEA Le Ripault	Propriétés magnétiques dynamiques de ferrites spinelles élaborés par extrusion de pâte (robocasting) en lien avec leur microstructure
1.53	Imane Berrai	LSPM	Graphene-based heterostructures: Effect of the intercalation of MgO and Al ₂ O ₃ insulating barriers on structural and magnetic properties
1.54	Julian Peiro	UMR CNRS/Thales	Artificial Graphene Spin Polarized Electrode for Magnetic Tunnel Junctions
1.55	Bohdan Kundys	IPCMS	Photoferroelectric control of graphene magnetoresistance
1.56	William Legrand	ETHZ	Low-temperature epitaxial magnetic garnet thin films for quantum magnonics

Session 2: Wednesday 15th, 10h50 – 13h00

2.01	Maxen Cosset-Chéneau	Univ. Gronigen	Directional spin Seebeck effect controlled by magnon dipolar stray field chirality
2.02	Hugo Merbouche	SPEC	Non-degenerate parametric excitation in YIG nanostructures
2.03	Amel Kolli	SPEC	Nonlinear interactions between spin-wave modes in YIG microdisks
2.04	Gabriel Soares	SPEC	Damping in garnet microdisks coupled to microwave antennas
2.05	Gaël Thiancourt	C2N	Measurement of the dispersion relation of spin waves using an electrical method
2.06	Nessrine Benaziz	C2N	Spin wave dynamics in antiferromagnetically coupled multilayers
2.07	Pauline Rovillain	INSP	Spin Waves engineering by N-atoms implantation in a Fe film
2.08	Paul Noël	ETHZ	Nonlinear longitudinal and transverse magneto-resistances due to current-induced magnon creation-annihilation processes
2.09	Yann Le Guen	IJL	Study of the manipulation of magnetisation at nanometric scale by plasmonic systems
2.10	Gyandeep Pradhan	IPCMS	Spin-wave dynamics in curved magnets
2.11	Tristan Da Câmara Santa Clara Gomes	UCLouvain	Interplay between diffusion and magnon-drag thermopower in iron-based nanowire networks
2.12	David Schmool	GeMAC	Spin dynamics in NdCo _x /Al/YIG trilayer systems
2.13	Pascal Thibaudeau	CEA Le Ripault	Physics-Informed Neural Networks for nutating anti-ferromagnetic moments
2.14	Gauthier Philippe	C2N	Émission unidirectionnelle d'onde de spin par effet Tcherenkov
2.15	Giovanni Olivetti	SPINTEC	Inversion of the polarity of angular velocity inside a precessing magnet
2.16	Sali Salama	C2N	Micromagnetic simulations of magnon nonlinear interactions in YIG disk magnetic vortex
2.17	Vincent Vlaminc	Lab-STICC	Spin-wave near-field diffraction model for in-plane magnetized films
2.18	Maryam Massouras	C2N	Time-resolved Noncommutativity of Parametric Excitations in YIG disks
2.19	Nicolas Sebe	UMR CNRS/Thales	Rashba Edelstein Effect enhancement induced by insertion of a light metallic layer
2.20	Loukas Kokkinos	C2N	Core dynamics of a spin-torque vortex oscillator with non-uniform in-plane polarizer
2.21	Katia Ho	UMR CNRS/Thales	Complex dynamics in mutually coupled spin torque vortex oscillators
2.22	Chloé Chopin	SPINTEC	Current-controlled periodic polarity reversal in a spin-torque vortex oscillator

2.23	Sachin Krishnia	JGU Mainz	Controlling interfacial spin-orbit related effects with light element interface
2.24	Greis Cipi	LPS	Spin-orbit torque measurements on multilayers stacks
2.25	K. Subham Senapati	SPINTEC	Spin-orbit torque magnetic tunnel junction characterization at cryogenic temperatures
2.26	Marco Biagi	SPINTEC	Engineering of spin-orbit torque devices for improved writing
2.27	Mathieu Lamblin	IPCMS	Spintronic encoding of quantum information onto individual atoms within solid-state junctions
2.28	Junta Igarashi	IJL	Ultrafast counterintuitive magnetization reversal in ferromagnetic spin valves
2.29	Sébastien Geiskopf	IJL	Caractérisation électrique de barrière tunnel de MgO dopée carbone
2.30	Po-Wei Lee	IJL	Effects of self-torque in rare earth-transition metal alloy on the magnetization switching by spin-orbit torque
2.31	Julien Mordret	IPR	Dynamic properties of large ferromagnetic granular systems
2.32	Jérémy Létang	Silicon Austria	Magnetoresistance for current limiting devices
2.33	Jean-Eric Wegrowe	LSI	Power efficiency of anomalous-Hall transducer: the case of GdCo
2.34	Poonam Kumari	SPEC	Modelling of spin-orbitronics effects at interfaces
2.35	Rémi Arras	CEMES	Insulator-to-metal transition in NiFe ₂ O ₄ ultra-thin films
2.36	Hassan Hadi	UMR CNRS/Thales	Spin pumping in LSMO/YBCO heterostructures
2.37	Charles-Élie Fillion	CIC Nanogune	Enhancing the output signal of a MagnetoElectric Spin-Orbit logic device
2.38	Théo Frottier	SPINTEC	Ferroelectric Nonlinear Hall Effect in GeTe
2.39	Javier Rial	SPINTEC	Finite size effect on the Hall response of altermagnetic Mn ₅ Si ₃
2.40	Rafael Lopes Seeger	SPEC	Spin wave properties of CoFeB multilayers grown on piezoelectric substrates
2.41	Véronique Dupuis	ILM	On the metamagnetic phase transition in B2-FeRh nanocrystals
2.42	Carlos Alfonso Rodríguez Cortéz	INSP	Nanocomposites Photostrictifs-Magnétostrictifs en Épitaxie Verticale
2.43	Richard Schlitz	Univ. Konstanz	Magnetization dynamics affected by phonon pumping
2.44	Valentin Cherruault	IPR	Investigation of ultrafast magneto-acoustic interactions in ferromagnetic cobalt/nickel multilayers
2.45	Igor Ngouagnia	IPCMS	Spin waves propagation in an FeN guide induced by the excitation of an inserted Fe pad
2.46	Maya Khelif	LSPM	Effets de courbure et de déformation mécanique sur la distribution de l'aimantation de nano-objets
2.47	Fatih Zighem	LSPM	Propriétés magnéto-mécaniques de couches minces sur substrats flexibles mesurées par MOKE in situ

2.48	Vincent Castel	Lab-STICC	Generation of circulating cavity magnon polaritons in a compact geometry resonator
2.49	Guillaume Bourcin	Lab-STICC	Spincavitronics System: Engineering Level Attraction in Multimode System
2.50	Guillaume Bourcin	Lab-STICC	Spincavitronics System: Approaching Deep-Strong Coupling
2.51	Alan Gardin	Lab-STICC	Manifestation of the coupling phase in microwave cavity magnonics
2.52	Hervé Hurdequint	SPEC	Cavity-FMR studies of LPE epitaxial YIG films
2.53	Maxime Ardisson	Lab-STICC	Observation of Antiferromagnetic Cavity Magnon Polariton in Cr ₂ O ₃
2.54	Harjinder Singh	IJL	THz generation dependence of Co _x Fe _{1-x} alloy composition
2.55	Artem Levchuk	SPEC	Inverse Rashba-Edelstein effect in CoFeB/MgO magnetic bilayers revealed with THz emission spectroscopy
2.56	Boyu Zhang	Beihang University	All-optical Helicity-Independent Switching State Diagram in Gd-Fe-Co Alloys
2.57	Boyu Zhang	Beihang University	Manipulating exchange bias with a single femtosecond laser pulse
2.58	Juliette Dubois	LCPMR	Ultrafast magnetization dynamics in nanostructured thin layers
2.59	Marcel Hennes	INSP	Co-Tb alloy thin films: from static magnetic properties to laser-induced ultrafast demagnetization and domain wall broadening
2.60	Fausto Sirotti	LPMC	Electronic structure drives the game: subpicosecond magnetic phase transition in FeRh
2.61	Anda Elena Stanciu	SPINTEC	Dynamics of vortex state generation in laser demagnetized permalloy packman dots
2.62	Sanjay René	SPEC	Ultrafast pure spin current transport through antiferromagnetic insulators

Sponsors

