



Onsite Schedule-at-a-Glance (as of April 30, 2024)



Morning coffee service from 10:00-10:30 AM / Afternoon coffee service on Monday only, from 3:30-4:00 PM

Date	Start Time	End Time	ID	Title	Location	
Monday May 6, 2024	9:00 AM	4:00 PM		<i>Industrial Day (Pre-registration required)</i>	Europa I	
	4:00 PM	6:30 PM	TU	Tutorial: Spins in the Quantum World	Asia	
	7:30 PM	9:00 PM		Welcome Reception	Europa IV	
Tuesday May 7, 2024	8:30 AM	11:30 AM	AA	New Directions and Challenges in Neuromorphic Spintronics	Oceania IV & V	
			AB	Interdisciplinary Topics: Chirality, Micromagnetic and Nanomagnetic Structures	Oceania VI & VII	
			AC	Spin Torque and Voltage-Controlled Magnetic Anisotropy	Oceania IX & X	
			AD	MRAM Applications and Magnetic Recording	Oceania I & II	
			AE	Fundamental Properties, Cooperative Phenomena and Computational Magnetism	Europa I	
			AF	Magneto-Optic and Magneto-Elastic Materials and Devices	Europa II	
			AG	Skyrmions and Magnetic Heterostructures	Europa IV	
	9:00 AM	12:00 PM	AP	Magnetization Dynamics and Micromagnetics I	Exhibit Hall	
			AQ	Thin Films, Multi-layered Films and Superlattices		
			AR	Transformers and Wireless Power Transfer, Magnetic Bearings and Levitation		
			AS	Interdisciplinary Topics in Magnetics I		
	11:30 AM	12:00 PM		Magnetic Sensor Challenge	Aruba I, II & III	
	12:00 PM	2:00 PM		Communications Workshop (Pre-registration required)	Europa III	
	2:00 PM	5:00 PM	BA	Magnetics for Tomorrow's Medical Technologies	Oceania IV & V	
			BB	Magnonics I: Fundamental Properties	Oceania VI & VII	
			BC	Patterned Films, Nanocomposites, Self-assembly	Oceania IX & X	
			BD	Ultrafast Dynamics and All-Optical Switching	Oceania I & II	
			BE	Numerical, Semi-analytical and Analytical Analysis Methods I	Europa I	
			BF	Magnetoelectric Materials and Phenomena	Europa II	
			BG	Skyrmions and Spin-Orbit Torque Devices	Europa IV	
2:30 PM			5:30 PM	BP	Magnetic Recording, MRAM and Related Devices	Exhibit Hall
				BQ	Spintronics with Antiferromagnets	
				BR	Nanoparticles and Nanowires	
BS	Permanent Magnet Machines I					
5:00 PM	6:30 PM		Bierstube	Exhibit hall		
5:30 PM	7:00 PM		Women in Magnetism Networking Event	Europa III		
7:00 PM	9:00 PM		100 Years of the Concept of Spin (Spin100)	Asia		
Wednesday May 8, 2024	8:30 AM	11:30 AM	CA	Gradient Dzyaloshinskii-Moriya Interaction	Oceania IV & V	
			CB	Magnonics II: Electrical and Other Coupling Effects	Oceania VI & VII	
			CC	Neuromorphic and Unconventional Computing	Oceania IX & X	
			CD	Novel Spintronics	Oceania I & II	
			CE	Electrical Machines and Power System Components	Europa I	
			CF	Magnetic Textures, Statics, and Dynamics	Europa II	
			CG	Magnetoresistance and Spin Current Generation	Europa IV	
			9:00 AM	12:00 PM	CP	2D Spintronics and Topological Materials
	CQ	Magnetoresistance and Related Phenomena I				
	CR	Magnonics and Related Phenomena				
	CS	Soft Magnetic Materials: Amorphous, Crystalline and Nanocrystalline				
	12:00 PM	2:00 PM		Meet the Experts (Pre-registration required)	Europa III	
	2:00 PM	4:00 PM		Panel: Magnetics for Tomorrow's Medical Technologies	Oceania IV & V	
	2:00 PM	4:00 PM		Hackathon: Machine Learning AI for Magnetism - Tutorial and Hands-on Experience	Oceania VI & VII	
2:00 PM	4:00 PM		Panel on Large Open Facilities in Latin America: opportunities for Magnetism	Oceania I e II		
4:00 PM	5:00 PM		Awards Ceremony	Asia		
5:00 PM	6:00 PM		Plenary Talk #1	Asia		
6:00 PM	7:00 PM		Plenary Talk #2	Asia		
7:30 PM	10:00 PM		Conference Reception	Europa I - IV		
8:30 AM	11:30 AM	DA	Magnetic Tunnel Junction and Quantum Devices for Unconventional Computing	Oceania IV & V		
		DB	Magnonics III: Band Properties and Devices	Oceania VI & VII		
		DC	Path Towards More Sustainable Tomorrow – Magnetic Solutions	Oceania IX & X		
		DD	Biomagnetics I	Oceania I & II		
		DE	Hard Magnetic Materials I	Europa I		
		DF	Soft Magnetic Alloys: Materials and Methods	Europa II		
		DG	2D Spintronics and Magnetism	Europa IV		

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Date	Start Time	End Time	ID	Title	Location	
Thursday May 9, 2024	9:00 AM	12:00 PM	DP	High-speed, Wound-field, Induction and Reluctance Machines I	Exhibit Hall	
			DQ	Skymions and Related Phenomena		
			DR	Multi-Functional Magnetic Materials and Applications I		
			DS	Sensors and High-frequency Devices I		
	12:00 PM	2:00 PM		Lunch with Speakers (<i>Pre-registration required</i>)		Europa III
	12:00 PM	1:00 PM		Magnetic Energy Conversion Meeting		Oceania I & II
	2:00 PM	4:00 PM		Panel: Magnetic Technologies for Smooth Transition Towards More Sustainable Tomorrow		Galápagos I, II & III
	2:00 PM	5:00 PM	EA	Orbitronics: From Theory to Experiments	Oceania IV & V	
			EB	Magnetic Field Sensors	Oceania VI & VII	
			EC	Interdisciplinary Topics: Sensors, Antennas, and Nanofabrication	Oceania IX & X	
			ED	Biomagnetics II	Oceania I & II	
			EE	Hard Magnetic Materials II	Europa I	
			EF	Soft Magnetic Alloys: Synthesis, Characterisation and Modeling	Europa II	
			EG	Magnetization Dynamics, Damping, and Micromagnetic Modeling	Europa IV	
	2:30 PM	5:30 PM	EP	Biomagnetics III	Exhibit Hall	
EQ			Numerical, Semi-analytical and Analytical Analysis Methods II			
ER			Spin-Orbit Torques and Related Phenomena			
ES	Hard Magnetic Materials III					
5:00 PM	6:30 PM		Bierstube		Exhibit Hall	
5:30 PM	6:30 PM		IEEE Magnetics Society Annual Meeting		El Pardo I - Windsor Barrra Hotel	
5:30 PM	7:00 PM		Students in Magnetism Networking Event		Europa III	
6:30 PM	8:00 PM		Latin America magnetic Community Meeting		Europa IV	
7:00 PM	7:30 PM		Magnetic Sensor Challenge Final Competition		Aruba I, II & III	
Friday May 10, 2024	8:30 AM	11:30 AM	FA	Magnonic Materials and Devices	Oceania IV & V	
			FB	Novel Characterization Approaches	Oceania VI & VII	
			FC	Magnetism for Niche Applications: Sensors, Robots, Drones and Other Devices	Oceania IX & X	
			FD	Antiferromagnetic/Ferrimagnetic Spintronics and Domain Wall Devices	Oceania I & II	
			FE	Linear Machines and Field Modulating Machines	Europa I	
			FF	Topological Insulators, Weyl and Dirac Semimetals	Europa II	
			FG	Magneto-Caloric Materials and Devices	Europa IV	
	12:00 PM	2:00 PM		Young Professionals Lightning Talks		Galápagos I, II & III
	12:00 PM	2:00 PM		Meet the Editors (<i>Pre-registration required</i>)		Europa III
	2:00 PM	5:00 PM	GA	Magnetic Sensor Standardization	Oceania IV & V	
			GB	Multilayers, Surface and Interface Phenomena	Oceania VI & VII	
			GC	High Frequency, Microwave and Millimeter Wave Materials and Devices	Oceania IX & X	
			GD	Antiferromagnetic Spintronics with Skymions and Textures	Oceania I & II	
GE			Permanent Magnet, High-speed, Wound-field, Induction and Reluctance Machines	Europa I		
GF			Amorphous and Nanocrystalline Soft Magnetic Materials	Europa II		
GG	Thin Films and Surface Effects	Europa IV				
Poster Virtual Only Sessions Available on virtual platform starting May 17, 2024			VP1	Field Modulated Machines	Digital Conference Resource Center	
			VP2	Hard Magnetic Materials IV		
			VP3	High-speed, Wound-field, Induction and Reluctance Machines II		
			VP4	Interdisciplinary Topics in Magnetics II		
			VP5	Linear Machines and Magnetic Gearing		
			VP6	Magnetization Dynamics and Micromagnetics II		
			VP7	Magnetoresistance and Related Phenomena II		
			VP8	Motor Drives, Bearing, Testing and Control		
			VP9	Multi-Functional Magnetic Materials and Applications II		
			VP10	Numerical, Semi-analytical and Analytical Analysis Methods III		
			VP11	Permanent Magnet Machines II		
			VP12	Permanent Magnet Machines III		
			VP13	Sensors and High-frequency Devices II		
			VP14	Soft Magnetic Materials		
			VP15	Transformers and Wireless Power Transfer		