

**Onsite Schedule-at-a-Glance (as of 10/24/24)**

Morning coffee service available on Tuesday through Friday from 8:00 am to 12:00 pm. Afternoon coffee service available on Tuesday through Thursday from 1:30-4:30 pm.						
Date	Start Time	End Time	ID	Event/Session	Type	Location
Sunday 12/15/2024	9:00	6:00 PM		iSIM 2025	Special Session	Celestine B&C
Monday 1/13/2025	9:00	2:00 PM		iSIM 2025	Special Session	Celestine B&C
	9:00	1:00 PM		Industry Day	Special Session	Celestin E
	2:30 PM	5:00 PM	TU	Tutorial: Symmetry in Magnetism	Special Session	Celestin D
	5:00 PM	6:30 PM		Opening Bierstube	Networking	Celestin Foyer
	6:30 PM	8:00 PM		Young Professionals Lightning Talks	Special Session	Celestin D
	Tuesday 1/14/2025	8:30 AM	12:00 PM	AA	Spin Caloritronic Metrology	Symposium
8:30 AM		12:00 PM	AB	Ultrafast Spin-phonon Dynamics	Symposium	Celestin E
8:30 AM		12:00 PM	AC	Spin-orbitronics I: Angular Momentum Compensation, Out-of-plan Torques and Energy Efficient Switching	Oral Session	Celestin A
8:30 AM		12:00 PM	AD	Magnetization Dynamics and Micromagnetics I	Oral Session	Celestin B
8:30 AM		12:00 PM	AE	Altermagnets and Altermagnetic Spintronics	Oral Session	Celestin C
8:30 AM		12:00 PM	AF	Structured Materials I	Oral Session	Imperial 5AB
8:30 AM		12:00 PM	AG	Electrical Machines and Power Electronics I	Oral Session	Imperial 5CD
9:00 AM		12:00 PM	AP	Spintronics I	Poster Sessions	Exhibit Hall
9:00 AM		12:00 PM	AQ	Applications of Magnetic Materials and Devices		
9:00 AM		12:00 PM	AR	Bio-magnetism and Biomagnetic Applications		
9:00 AM		12:00 PM	AS	Electronic Structure, Magnetism and Fundamental Physical Properties I		
9:00 AM		12:00 PM	AT	Fast and Ultrafast Magnetisation Dynamics		
9:00 AM		12:00 PM	AU	Machines Optimization, Magnetic Loss, and Thermal Modeling I		
9:00 AM		12:00 PM	AV	Electrical Machines and Power Electronics II		
12:15 PM		1:45 PM		Workshop: Overview of Permanent Magnets, Soft Magnets, and Biomagnetism Areas of Magnetism for the Non-Expert		
2:00 PM		5:30 PM	BA	Fundamentals and Advances in 2D Spintronics	Symposium	Celestin D
2:00 PM		5:30 PM	BB	Magnetics for Future Transportation – from Memory to Motors	Symposium	Celestin E
2:00 PM		5:30 PM	BC	Spin-orbitronics II: Chiral Dependence, Quantum Spin Transfer and Unconventional Topological Materials	Oral Session	Celestin A
2:00 PM		5:30 PM	BD	Magnetic Recording & Sensors and Applications I	Oral Session	Celestin B
2:00 PM		5:30 PM	BE	Antiferromagnets and Ferrimagnets	Oral Session	Celestin C
2:00 PM		5:30 PM	BF	Hard Magnets I	Oral Session	Imperial 5AB
2:00 PM		5:30 PM	BG	Magnetoionic and Magnetoelectric Materials	Oral Session	Imperial 5CD
2:30 PM		5:30 PM	BP	Spintronics II	Poster Sessions	Exhibit Hall
2:30 PM		5:30 PM	BQ	Sensors and Applications II		
2:30 PM		5:30 PM	BR	Biomagnetics and Emerging Topics Related to Magnetism		
2:30 PM		5:30 PM	BS	Electronic Structure, Magnetism and Fundamental Physical Properties II		
2:30 PM		5:30 PM	BT	2D Spintronics and Topological Materials I & Domain Walls		
2:30 PM		5:30 PM	BU	Energy Harvesting, Vibration Analysis and Advanced Materials Manufacturing		
2:30 PM		5:30 PM	BV	Electrical Machines and Power Electronics III		
5:30 PM		6:45 PM		Bierstube		
5:30 PM		6:45 PM		Students in Magnetism Networking Event	Networking	Exhibit Hall Session Room
6:45 PM		8:00 PM		Evening Session 1: Science and History of Rock and Roll	Special Session	Celestin D
Wednesday 1/15/2025		8:30 AM	12:00 PM	CA	Topological Thermoelectrics: Utilizing Topology and Spin for Next-Generation Energy Conversion	Symposium
	8:30 AM	12:00 PM	CB	When Magnons Meet Quantum Spins	Symposium	Celestin E
	8:30 AM	12:00 PM	CC	2D Spintronics and Topological Materials II	Oral Session	Celestin A
	8:30 AM	12:00 PM	CD	Magnonics I: Magnon Manipulation and Application	Oral Session	Celestin B
	8:30 AM	12:00 PM	CE	Magneto-resistive Sensors	Oral Session	Celestin C
	8:30 AM	12:00 PM	CF	Hard Magnets II	Oral Session	Imperial 5AB
	8:30 AM	12:00 PM	CG	Magnetoelectric Materials and Phenomena I	Oral Session	Imperial 5CD
	9:00 AM	12:00 PM	CP	Soft Magnetic Materials I	Poster Sessions	Exhibit Hall
	9:00 AM	12:00 PM	CQ	Magnonics II		
	9:00 AM	12:00 PM	CR	Biomedical Therapies and Other Biomedical Applications		
	9:00 AM	12:00 PM	CS	Materials with Coupled Magnetic Phenomena I		
	9:00 AM	12:00 PM	CT	Domain Walls and Skyrmions I		
	9:00 AM	12:00 PM	CU	Electrical Machines and High Speed Electrical Machines		
	9:00 AM	12:00 PM	CV	Electrical Machines and Power Electronics IV		
	12:15 PM	1:45 PM		Workshop: Overview of Spintronics, Magnetodynamics, and Coupled Magnetics Areas of Magnetism for the Non-Expert		
	12:15 PM	1:45 PM		IEEE Magnetics Society Annual Meeting	Networking	Celestin C
	Thursday 1/16/2025	8:30 AM	12:00 PM		IEEE Magnetics Society Annual Meeting	Networking
8:30 AM		12:00 PM		IEEE Magnetics Society Annual Meeting	Networking	Celestin C
8:30 AM		12:00 PM		IEEE Magnetics Society Annual Meeting	Networking	Celestin C
8:30 AM		12:00 PM		IEEE Magnetics Society Annual Meeting	Networking	Celestin C
8:30 AM		12:00 PM		IEEE Magnetics Society Annual Meeting	Networking	Celestin C
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Date	Start Time	End Time	ID	Event/Session	Type	Location
Wednesday 1/15/2025	2:00 PM	5:30 PM	DA	Magnetic Brain Stimulation and Imaging	Symposium	Celestin D
	2:00 PM	5:30 PM	DB	Advanced Magnetic Materials & Manufacturing for Future Electric Motors and Power Electronics	Symposium	Celestin E
	2:00 PM	5:30 PM	DC	2D Spintronics and Topological Materials III	Oral Session	Celestin A
	2:00 PM	5:30 PM	DD	Domain Walls and Skyrmions II	Oral Session	Celestin B
	2:00 PM	5:30 PM	DE	Spintronic Devices I: MRAM, Sensor and Energy Efficient Computing	Oral Session	Celestin C
	2:00 PM	5:30 PM	DF	Magnetocaloric Materials and Refrigeration	Oral Session	Imperial 5AB
	2:00 PM	5:30 PM	DG	Thin Films, Multilayers, and Exchange Bias Systems I	Oral Session	Imperial 5CD
	2:30 PM	5:30 PM	DP	Soft Magnetic Materials II	Poster Sessions	Exhibit Hall
	2:30 PM	5:30 PM	DQ	Magnonics III		
	2:30 PM	5:30 PM	DR	Magnetization Dynamics & Materials with Coupled Magnetic Phenomena II		
	2:30 PM	5:30 PM	DS	Magnetoelectric Materials and Phenomena II		
	2:30 PM	5:30 PM	DT	Magnetoresistance & Domain Walls		
	2:30 PM	5:30 PM	DU	Electronic Structure, Magnetism and Fundamental Physical Phenomena		
	2:30 PM	5:30 PM	DV	Analysis and Design for Electrical Machines		
	5:30 PM	6:45 PM		Bierstube	Networking	Exhibit Hall
	5:30 PM	6:45 PM		Women in Magnetism Networking Event	Networking	8 Block Kitchen & Bar
	6:45 PM	8:00 PM		Mentoring Workshop	Special Session	Celestin C
	6:45 PM	8:30 PM	XA	21st-Century Permanent Magnets: How to Take it to the Next Level? A Panel/Audience Dialog	Symposium	Celestin D
Thursday 1/16/2025	8:30 AM	12:00 PM	EA	Novel Magnetic Tunnel Junction Mechanisms for Multifunctional Memories	Symposium	Celestin D
	8:30 AM	12:00 PM	EB	Spin-orbit Torques and Spin Dynamics in 2D Systems	Symposium	Celestin E
	8:30 AM	12:00 PM	EC	Magnetoresistance, Spincaloritronics, and Damping	Oral Session	Celestin A
	8:30 AM	12:00 PM	ED	Skyrmions	Oral Session	Celestin B
	8:30 AM	12:00 PM	EE	Spintronic Devices II: Antiferromagnetism, Voltage-controlled Effects, Domain Wall Logic and Probabilistic Switching	Oral Session	Celestin C
	8:30 AM	12:00 PM	EF	Soft and Hard Magnets	Oral Session	Imperial 5AB
	8:30 AM	12:00 PM	EG	Magnetic Crystalline Alloys	Oral Session	Imperial 5CD
	9:00 AM	12:00 PM	EP	Hard Magnets III	Poster Sessions	Exhibit Hall
	9:00 AM	12:00 PM	EQ	Magnonic and RF Sensors		
	9:00 AM	12:00 PM	ER	Spintronic Devices III: CPP-GMR, SOT-MRAM and Spin-torque Oscillators		
	9:00 AM	12:00 PM	ES	Magnetoelectric Devices and Applications		
	9:00 AM	12:00 PM	ET	Thin Films, Multilayers, and Exchange Bias Systems II		
	9:00 AM	12:00 PM	EU	Structured Materials II		
	9:00 AM	12:00 PM	EV	Machines Optimization, Magnetic Loss, and Thermal Modeling II		
	12:15 PM	1:15 PM		Meet the Speakers	Special Session	Exhibit Hall Session Room
	12:15 PM	1:15 PM		Magnetic Sensor Challenge Final Presentations	Special Session	Celestin C
	12:15 PM	1:15 PM		Outreach Challenge Final Presentations	Special Session	Celestin B
	1:00 PM	4:00 PM	FP	Hard Magnets IV	Poster Sessions	Exhibit Hall
	1:00 PM	4:00 PM	FQ	Magnetic Devices for Sensing and Recording & Thin Films, Multilayers, and Exchange Bias Systems III		
	1:00 PM	4:00 PM	FR	Spintronic Devices IV: STT/SOT MRAMs and Switching Dynamics		
	1:00 PM	4:00 PM	FS	Spintronic Neural Computing		
	1:00 PM	4:00 PM	FT	Thin Films, Multilayers, and Exchange Bias Systems IV		
	1:00 PM	4:00 PM	FU	Microscopy, Imaging, and Magnetic Characterization I		
	1:00 PM	4:00 PM	FV	Magnetic Aspects Related to Electromechanical Conversion, Transformers and		
	1:30 PM	3:30 PM	FA	Imaging Nanoscale Magnetization Dynamics and Spin Fluctuations	Symposium	Celestin D
	1:30 PM	3:30 PM	FB	2025 IEEE Cleo Brunetti Award Symposium	Symposium	Celestin E
	1:30 PM	4:15 PM	FC	Unconventional Computing with Magnetism and Magnetic Materials	Oral Session	Celestin A
	1:30 PM	4:15 PM	FD	Magnonics IV: Fundamental Magnonic Properties and Interactions	Oral Session	Celestin B
	1:30 PM	4:15 PM	FE	Biomedical Therapies, Diagnosis and Nanomedicine	Oral Session	Celestin C
	1:30 PM	4:15 PM	FF	Soft Magnetic Materials III	Oral Session	Imperial 5AB
1:30 PM	4:15 PM	FG	van der Waals Materials	Oral Session	Imperial 5CD	
4:30 PM	5:30 PM		IEEE Awards Ceremony	Special Session	Celestin D&E	
5:30 PM	6:30 PM	PL	Plenary Session	Special Session	Celestin D&E	
6:30 PM	8:00 PM		Plenary Reception	Networking Event	Exhibit Hall & Celestin Foyer	
8:30 AM	12:00 PM	GA	Advanced Materials and Devices for Energy Harvesting and Conversion	Symposium	Celestin D	

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Date	Start Time	End Time	ID	Event/Session	Type	Location
<b>Friday 1/17/2025</b>	8:30 AM	12:00 PM	GB	New Challenges in Nanomagnetism from Topology to the Third Dimension	Symposium	Celestin E
	8:30 AM	12:00 PM	GC	Neuromorphic and Reservoir Computing	Oral Session	Celestin A
	8:30 AM	12:00 PM	GD	Microscopy, Imaging, and Magnetic Characterization II	Oral Session	Celestin B
	8:30 AM	12:00 PM	GE	Analysis and Design for High-Performance Magnetic Systems	Oral Session	Celestin C
	8:30 AM	12:00 PM	GF	Ultrafast Magnetisation Dynamics and Switching	Oral Session	Imperial 5AB
	8:30 AM	12:00 PM	GG	Electronic Structure and Fundamental Properties	Oral Session	Imperial 5CD
	9:00 AM	12:00 PM	GP	Hard Magnets IV & Materials with Coupled Magnetic Phenomena II	Poster Sessions	Exhibit Hall
	9:00 AM	12:00 PM	GQ	Spin-orbitronics II: Antiferromagnets, DMI and Unconventional Torques		
	9:00 AM	12:00 PM	GR	Magnetolectric Materials and Phenomena III & Spintronic Devices III: STT/SOT MRAMs and Switching Dynamics		
	9:00 AM	12:00 PM	GS	Emerging Computing Using Magnetic and Spintronic Materials		
	9:00 AM	12:00 PM	GT	Magnetization Dynamics and Micromagnetics II		
	9:00 AM	12:00 PM	GU	Microscopy, Imaging, and Magnetic Characterization III		
	9:00 AM	12:00 PM	GV	Electrical Machines, Power Electronics & Electromechanical Conversion		
	12:15 PM	1:15 PM		Workshop: Women in Magnetism		
	1:30 PM	3:30 PM		IEEE Magnetics Society Standards in Magnetism Meeting	Special Session	Imperial 9
	1:30 PM	3:30 PM	HA	Cavity Magnonics and Non-reciprocal Spin Wave Propagation	Symposium	Celestin D
	1:30 PM	3:30 PM	HB	Interdisciplinary and Emerging Topics	Oral Session	Celestin E
	1:30 PM	3:30 PM	HC	Computing with Spin Dynamics	Oral Session	Celestin A
	1:30 PM	3:30 PM	HD	Statics and Dynamics of Magnetic Textures	Oral Session	Celestin B
	1:30 PM	3:30 PM	HE	Sensors and Applications III	Oral Session	Celestin C
	1:30 PM	3:30 PM	HF	Terahertz Antiferromagnetic Spintronics	Oral Session	Imperial 5AB
	1:30 PM	3:30 PM	HG	Energy and Power Applications	Oral Session	Imperial 5CD
	3:30 PM	4:00 PM		Closing Celebration	Networking	Celestin D
<b>Poster Virtual Only Sessions</b> <i>Available on virtual platform starting January 27, 2024 (subject to change)</i>			VP1	Biomagnetics and Microfluidics	Conference Resource Center	
			VP2	Electrical Machines and Power Electronics I		
			VP3	Electrical Machines and Power Electronics II		
			VP4	Electrical Machines and Power Electronics III		
			VP5	Electrical Machines and Power Electronics IV		
			VP6	Electrical Machines and Power Electronics V		
			VP7	Electrical Machines and Power Electronics VI		
			VP8	Emerging Computing Systems & Magnetic Recording		
			VP9	Hard Magnets		
			VP10	High Speed Machines		
			VP11	Magnetic Aspects Related to Electromechanical Conversion, Transformers and		
			VP12	Magnetic Textures and Dynamics: Experimental Detection and Modeling		
			VP13	Magnetolectric Materials and Phenomena & Energy Harvesting and Vibration		
			VP14	Materials for Spintronics & Magnetization Dynamics		
			VP15	Microscopy, Imaging, and Magnetic Characterization & Structured Materials		
			VP16	Sensors and Applications		
			VP17	Soft Magnetic Materials I		
			VP18	Soft Magnetic Materials II		
			VP19	Soft Magnetic Materials III		
			VP20	Special Machines and Geared Machines I		
			VP21	Special Machines and Geared Machines II		
			VP22	Special Machines and Geared Machines III		
			VP23	Spin-orbitronics: DMI, SOT MRAM and Energy Efficient Switching		