





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.							
Date	Start Time	End Time		noon coffee service available on Tuesday through Thursday from 1:30-4:30 Event/Session		Location	
Sunday	9:00	6:00 PM	10	iSIM 2025	Type Special Session	Celestine B&C	
4 /42 /2025	9:00	2:00 PM		ISIM 2025	Special Session	Celestine B&C	
	9:00	1:00 PM		Industry Day	Special Session	Celestin E	
Monday	2:30 PM	5:00 PM	TU	Tutorial: Symmetry in Magnetism	Special Session	Celestin D	
1/13/2025			10	Opening Bierstube	Networking		
	5:00 PM	6:30 PM			F	Celestin Foyer	
	6:30 PM	8:00 PM		Young Professionals Lightning Talks	Special Session	Celestin D	
	8:30 AM	12:00 PM		Spin Caloritronic Metrology	Symposium	Celestin D	
		12:00 PM		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			
		12:00 PM		Applications of Magnetic Materials and Devices			
		12:00 PM		Bio-magnetism and Biomagnetic Applications			
		12:00 PM		Electronic Structure, Magnetism and Fundamental Physical Properties I			
		12:00 PM		Fast and Ultrafast Magnetisation Dynamics	Poster Sessions	Exhibit Hall	
		12:00 PM		Machines Optimization, Magnetic Loss, and Thermal Modeling I			
		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	Special Session	Exhibit Hall Session Rooi	
Tuesday	2:00 PM	5:30 PM	BA	Fundamentals and Advances in 2D Spintronics	Symposium	Celestin D	
1/14/2025	2:00 PM	5:30 PM	BB	Magnetics for Future Transportation – from Memory to Motors	Symposium	Celestin E	
	2:00 PM	5:30 PM	ВС	Spin-orbitronics II: Chiral Dependence, Quantum Spin Transfer and Unconventional	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	
		3.301111	DE		Oral Session	Celestiii C	
	2:00 PM	5:30 PM	BF	Hard Magnets I	Oral Session	Imperial 5AB	
				Hard Magnets I	Oral Session	Imperial 5AB	
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Onsite Schedule-at-a-Glance (as of 10/24/24)

				ng coffee service available on Tuesday through Friday from 8:00 am to 12:00 noon coffee service available on Tuesday through Thursday from 1:30-4:30		
ate	Start Time	End Time	ID	Event/Session	Туре	Location
Wednesday	2:00 PM	5:30 PM	DA	Magnetic Brain Stimulation and Imaging	Symposium	Celestin D
1/15/2025	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		
	2:30 PM	5:30 PM	DQ	Magnonics III	Poster Sessions	Exhibit Hall
	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 & Ba
	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
	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	Oral Session	Celestin C
	8:30 AM	12:00 PM	EF	Logic and Probabilistic Switching Soft and Hard Magnets	Oral Session	Imperial 5AB
		12:00 PM	EG	Magnetic Crystalline Alloys	Oral Session	Imperial 5CD
		12:00 PM	EP	Hard Magnets III		periar ses
		12:00 PM		Magnonic and RF Sensors		
	9:00 AM	12:00 PM		Spintronic Devices III: CPP-GMR, SOT-MRAM and Spin-torque Oscillators	Poster Sessions	
	9:00 AM	12:00 PM	ES	Magnetoelectric Devices and Applications		
		12:00 PM	ET	Thin Films, Multilayers, and Exchange Bias Systems II		
		12:00 PM	EU	Structured Materials II		
		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 F
	12:15 PM	1:15 PM		Magnetic Sensor Challenge Final Presentations	Special Session	Celestin C
Thursday	12:15 PM	1:15 PM		Outreach Challenge Final Presentations	Special Session	Celestin B
1/16/2025	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		
	1:00 PM	4:00 PM	FR	Exchange Bias Systems III 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 Cledo Brunetti Award Symposium	Symposium	Celestin E
	1:30 PM	4:15 PM	FC	Unconventional Computing with Magnetism and Magnetic Materials	Oral Session	Celestin A
		4:15 PM	FD			
	1:30 PM			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	Exhibit Hall & Celesti
	8:30 AM	12:00 PM	GA	Advanced Materials and Devices for Energy Harvesting and Conversion	Event Symposium	Celestin D







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

Attennon coffee service available on Tuesday through Thursday from 130-2320 pm. Start Time find Time D Event/Session Description De	Onsite Schedule-at-a-Glance (as of 10/24/24)								
Start Time End Time ID Event/Session Type Location	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.								
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 Celestin C 9.00 AM 12.00 PM GF GF Ultrafast Magnetisation Dynamics and Switching Oral Session Imperial SAB 9.00 AM 12.00 PM GF GF GF Ultrafast Magnetisation Dynamics and Switching Oral Session Imperial SAB 9.00 AM 12.00 PM GF GF GF GF GF Hard Magnetal Switching Dynamics and Switching Dynamics and Switching Dynamics Amagnetis Properties Penomena II GF	Date	Start Time	End Time		<u> </u>	•	Location		
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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 Swatching Oral Session Imperial SAB 8.30 AM 12:00 PM GF GE Electronic Structure and Fundamental Properties Oral Session Imperial SAB 9.00 AM 12:00 PM GF GP		8:30 AM	12:00 PM	GC	Neuromorphic and Reservoir Computing	Oral Session	Celestin A		
B.30 AM 12.00 PM GF Ultrafast Magnetisation Dynamics and Switching Oral Session Imperial SAB		8:30 AM	12:00 PM	GD	Microscopy, Imaging, and Magnetic Characterization II	Oral Session	Celestin B		
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1/17/2025 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 1:215 PM 1:15 PM Workshop: Women in Magnetism Special Session Exhibit Hall Session 1:30 PM 3:30 PM Ha Cavity Magnonics and Non-reciprocal Spin Wave Propagation Symposium Celestin D 1:30 PM 3:30 PM Ha Interdisciplinary and Emerging Topics Oral Session Celestin E 1:30 PM 3:30 PM HD Statics and Dynamics of Magnetic Textures Oral Session Celestin B 1:30 PM 3:30 PM HB Sensors and Applications III Oral Session Celestin C 1:30 PM 3:30 PM HF Teraherz Antiferromagnetic Spintronics Oral Session Imperial SAB 1:30 PM 3:30 PM HG Energy and Power Applications 1:30 PM 3:30 PM Closing Celebration Networking Celestin D VP1 Biomagnetics and Microfituidics VP2 Electrical Machines and Power Electronics II VP4 Electrical Machines and Power Electronics VI VP5 Electrical Machines and Power Electronics VI VP6 Electrical Machines and Power Electronics VI VP7 Electrical Machines and Power Electronics VI VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets VP1 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP1 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center		9:00 AM	12:00 PM	GS		Poster Sessions			
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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 1:30 PM 3:30 PM HF Teraherz Antiferromagnetic Spintronics Oral Session Imperial SAB 1:30 PM 3:30 PM HG Energy and Power Applications Oral Session Imperial SCD 3:30 PM 4:00 PM Closing Celebration Networking Celestin D VP1 Biomagnetics and Microfluidics VP2 Electrical Machines and Power Electronics I VP4 Electrical Machines and Power Electronics II VP5 Electrical Machines and Power Electronics IV VP6 Electrical Machines and Power Electronics V VP7 Electrical Machines and Power Electronics V VP7 Electrical Machines and Power Electronics V VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets VP1 High Speed Machines VP1 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP1 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center		1:30 PM	3:30 PM	НВ	Interdisciplinary and Emerging Topics	Oral Session	Celestin E		
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1:30 PM 3:30 PM HF Teraherz 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 VP1 Biomagnetics and Microfluidics VP2 Electrical Machines and Power Electronics I VP4 Electrical Machines and Power Electronics III VP5 Electrical Machines and Power Electronics IV VP6 Electrical Machines and Power Electronics IV VP7 Electrical Machines and Power Electronics V VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets VP9 Hard Magnets VP1 High Speed Machines VP10 High Speed Machines VP11 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center		1:30 PM	3:30 PM	HD	Statics and Dynamics of Magnetic Textures	Oral Session	Celestin B		
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 VP1 Biomagnetics and Microfluidics VP2 Electrical Machines and Power Electronics I VP3 Electrical Machines and Power Electronics III VP5 Electrical Machines and Power Electronics IV VP6 Electrical Machines and Power Electronics IV VP7 Electrical Machines and Power Electronics V VP7 Electrical Machines and Power Electronics V VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets 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 Conference Resource Center		1:30 PM	3:30 PM	HE	Sensors and Applications III	Oral Session	Celestin C		
3:30 PM 4:00 PM Closing Celebration Networking Celestin D VP1 Biomagnetics and Microfluidics VP2 Electrical Machines and Power Electronics II VP3 Electrical Machines and Power Electronics III VP5 Electrical Machines and Power Electronics IV VP6 Electrical Machines and Power Electronics IV VP7 Electrical Machines and Power Electronics V VP7 Electrical Machines and Power Electronics V VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets VP10 High Speed Machines VP10 High Speed Machines VP11 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center		1:30 PM	3:30 PM	HF	Teraherz Antiferromagnetic Spintronics	Oral Session	Imperial 5AB		
VP1 Biomagnetics and Microfluidics 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 V 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 Conference Resource Center		1:30 PM	3:30 PM	HG	Energy and Power Applications	Oral Session	Imperial 5CD		
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 IV VP7 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 VP10 High Speed Machines VP11 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center		3:30 PM	4:00 PM		Closing Celebration	Networking	Celestin D		
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 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 Conference Resource Center				VP1	Biomagnetics and Microfluidics				
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 V 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 Conference Resource Center				VP2	Electrical Machines and Power Electronics I				
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 Conference Resource Center				VP3	Electrical Machines and Power Electronics II				
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 Conference Resource Center				VP4	Electrical Machines and Power Electronics III				
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 Conference Resource Center				VP5	Electrical Machines and Power Electronics IV				
VP8 Emerging Computing Systems & Magnetic Recording VP9 Hard Magnets VP10 High Speed Machines VP10 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP11 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center				VP6	Electrical Machines and Power Electronics V				
Poster Virtual Only Sessions Available on virtual platform starting VP12 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center				VP7	Electrical Machines and Power Electronics VI				
Poster Virtual Only Sessions Available on virtual platform starting VP12 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center				VP8	Emerging Computing Systems & Magnetic Recording				
Poster Virtual Only Sessions Available on virtual platform starting VP12 Magnetic Aspects Related to Electromechanical Conversion, Transformers and VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center				VP9	Hard Magnets				
Poster Virtual Only Sessions Available on virtual platform starting VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center				VP10	High Speed Machines				
Available on virtual platform starting VP12 Magnetic Textures and Dynamics: Experimental Detection and Modeling Conference Resource Center	Poster Virtu	al Only Ses	sions	VP11	Magnetic Aspects Related to Electromechanical Conversion, Transformers and				
January 27, 2024 (subject to change) VP13 Magnetoelectric Materials and Phenomena & Energy Harvesting and Vibration				VP12	Magnetic Textures and Dynamics: Experimental Detection and Modeling	Conference Resource Center			
V13 Wagnetonic Waterials and FileHolliena & Lifetgy Halvesting and Vibration	January 27, 2024	1 (subject to	change)	VP13	Magnetoelectric Materials and Phenomena & Energy Harvesting and Vibration				
VP14 Materials for Spintronics & Magnetization Dynamics				VP14					
VP15 Microscopy, Imaging, and Magnetic Characterization & Structured Materials				VP15	Microscopy, Imaging, and Magnetic Characterization & Structured Materials				
VP16 Sensors and Applications				VP16	Sensors and Applications				
VP17 Soft Magnetic Materials I				VP17	Soft Magnetic Materials I				
VP18 Soft Magnetic Materials II				VP18	Soft Magnetic Materials II				
VP19 Soft Magnetic Materials III				VP19	Soft Magnetic Materials III				
VP20 Special Machines and Geared Machines I				VP20	Special Machines and Geared Machines I				
VP21 Special Machines and Geared Machines II				VP21	Special Machines and Geared Machines II				
VP22 Special Machines and Geared Machines III				VP22	Special Machines and Geared Machines III				
VP23 Spin-orbitronics: DMI, SOT MRAM and Energy Efficient Switching				VP23	Spin-orbitronics: DMI, SOT MRAM and Energy Efficient Switching				