

Date	Start Time (ET)	ID	Title	Virtual Room
Monday 11/02/2020	9:30 AM	T1	Tutorial: Neutron and X-ray Techniques to Study Magnetism	Tutorial
	RESCHEDULED NOW NOV. 4 at 12:00 PM	A1	3D Magnetic Structures	Live Q&A 1
		A2	Frustrated Magnetic Systems	Live Q&A 1
		A3	Magnetization Dynamics and Damping I: Damping and Ferromagnetic Resonance	Live Q&A 1
		A4	Magneto-Elastic and Magneto-Caloric Materials I	Live Q&A 1
		A5	Neuromorphic Computing with Domain Walls and Chiral Spin Textures	Live Q&A 1
	RESCHEDULED NOW NOV. 4 at 12:00 PM	B1	Artificial Spin Ice	Live Q&A 2
		B2	Interdisciplinary Applications I	Live Q&A 2
		B3	Spin-Torque Oscillators	Live Q&A 2
		B4	Complex Oxide, Heusler Alloy, and 2D Systems	Live Q&A 2
	7:00 PM	WF1	Workforce Forum 1	WF1 Room
		C1	Ferrites and Garnets I	Live Q&A 3
		C2	Rare Earth Transition Metal Borides I	Live Q&A 3
		C3	Interdisciplinary Applications II	Live Q&A 3
		C4	Magnetic Nanostructured Materials	Live Q&A 3
		C5	Spin Injection and Neuromorphic Computing	Live Q&A 3
	7:30 PM	D1	Exchange Bias and Other Novel Exchange in Thin Films	Live Q&A 4
D2		Magnetic Interactions and Structures	Live Q&A 4	
D3		Applied and Power Magnetics	Live Q&A 4	
D4		Hard Magnetic Materials: Nanostructures and Others	Live Q&A 4	
8:00 PM	S1	Weyl Semimetals for Spintronics	Symposia	
10:00 PM	WW1	Writing Workshop 1	WW1 Room	
Tuesday 11/03/2020	9:00 AM	SST1	Summer School Tutorial 1	SST1 Room
		S2	Advanced Static and Dynamic Spin Depth Profiling	Symposia
	11:00 AM	WW2	Writing Workshop 2	WW2 Room
	12:00 PM		Virtual Bierstube 1	Lounge (Gather.Town)
		E1	Half-Metallic Materials	Live Q&A 5
		E2	Nanoparticle and Nanowire Arrays and Self-assembly	Live Q&A 5
		E3	New Probing Techniques for Spin Torques	Live Q&A 5
		E4	Spin Wave I: Spatial and Nonlinear Behavior	Live Q&A 5
		E5	Domain walls and the Dzyaloshinskii-Moriya interaction I	Live Q&A 5
	12:30 PM	F1	DMI & Proximity Effects in Thin Films	Live Q&A 6
		F2	Magneto-Elastic and Magneto-Caloric Materials II	Live Q&A 6
F3		Novel Sensors I	Live Q&A 6	
F4		Interdisciplinary Applications III	Live Q&A 6	
F5		Magnetism and Superconductivity	Live Q&A 6	
F6		Rare Earth Transition Metal Borides II	Live Q&A 6	
3:00 AM	S3	Magnetic Nanoparticles for Biomedical Diagnostics and Imaging: Recent Advances and Perspectives	Symposia	
	6:00 AM		Meet the Experts 1 (for preregistered attendees only)	Gather.Town
		G1*	Antiferromagnetic Spintronics I	Live Q&A 7
		G2	Instrumentation and Measurement Techniques I	Live Q&A 7
		G3	Magnetization Dynamics and Damping II: Ultrafast Demagnetization and Magneto-optics	Live Q&A 7
		G4	Neuromorphic Computing with Nanomagnets	Live Q&A 7
		G5	2D Magnetic Materials: Fundamental Properties	Live Q&A 7
		G6	Special Magnetic Materials	Live Q&A 7

* = Session includes a Best Student Presentation finalist

Date	Start Time (ET)	ID	Title	Virtual Room
Wednesday 11/04/2020	6:30 AM	H1	Amorphous and Nanocrystalline Soft Magnets	Live Q&A 8
		H2	Emergent Phenomena in Complex Oxides and Nitrides	Live Q&A 8
		H3	Hard Magnetic Materials: Sm-based Intermetallics and Others	Live Q&A 8
		H4	Ferrites and Garnets II	Live Q&A 8
		H5	Half-Metallic Materials and Magnetic Semiconductors	Live Q&A 8
	9:00 AM	SST2	Summer School Tutorial 2	SST2 Room
		S4	Antiferromagnetic Spintronics: Transport and Dynamics in Metals, Insulators and Magnetic Tunnel Junctions	Symposia
	11:00 AM	WF2	Workforce Forum 2	WF2 Room
	12:00 PM RESCHEDULED from Nov. 2	A1	3D Magnetic Structures	Live Q&A 1
		A2	Frustrated Magnetic Systems	Live Q&A 1
		A3	Magnetization Dynamics and Damping I: Damping and Ferromagnetic Resonance	Live Q&A 1
		A4	Magneto-Elastic and Magneto-Caloric Materials I	Live Q&A 1
		A5	Neuromorphic Computing with Domain Walls and Chiral Spin Textures	Live Q&A 1
	12:00 PM RESCHEDULED from Nov. 2	B1	Artificial Spin Ice	Live Q&A 2
		B2	Interdisciplinary Applications I	Live Q&A 2
		B3	Spin-Torque Oscillators	Live Q&A 2
		B4	Complex Oxide, Heusler Alloy, and 2D Systems	Live Q&A 2
	12:00 PM	I1	Innovative Magnetics Design and Applications	Live Q&A 9
		I2	Microwave and Optical Magnetic Materials	Live Q&A 9
		I3	Skyrmion Imaging	Live Q&A 9
		I4	Strain & Doping Effects in Thin Films	Live Q&A 9
		I5	Instrumentation and Measurement Techniques II	Live Q&A 9
	12:30 PM	J1	Biomedical Applications I - Therapeutic Applications	Live Q&A 10
		J2	Crystalline Soft Magnetic Materials	Live Q&A 10
		J3	Magnetic Phase Transition and Superconductivity	Live Q&A 10
		J4	Spin Currents I	Live Q&A 10
		J5	Weyl and Topological Materials	Live Q&A 10
		J6	Antiferromagnetic Spintronics II	Live Q&A 10
6:00 PM	MB1	Magnetism and the Brain: An Introduction to the IEEE Brain Technical Community	MB1 Room	
7:00 PM		Meet the Experts 2 (for preregistered attendees only)	Gather.Town	
	K1	Multiferroic Materials and Hetero-Structures I	Live Q&A 11	
	K2	New Magnetic Materials	Live Q&A 11	
	K3	Spin Injection and Transport in Nanoscale Devices	Live Q&A 11	
	K4	2D Magnetic Materials: Transport Properties	Live Q&A 11	
	K5	Biomedical Applications II	Live Q&A 11	
7:30 PM	L1	Magnetic Microscopy and Imaging I	Live Q&A 12	
	L2*	Voltage-Controlled Magnetic Anisotropy and Switching	Live Q&A 12	
	L3	Magnetization Dynamics and Damping III	Live Q&A 12	
	L4	Magneto-Elastic and Magneto-Caloric Materials III	Live Q&A 12	
8:00 PM	S5	Physics and Applications in Transmission and Control of Spin-Orbit Torques	Symposia	
Thursday 11/05/2020	9:00 AM	SST3	Summer School Tutorial 3	SST3 Room
		S6	Next Generation Artificial Spin Ice	Symposia
	12:00 PM	M1*	Antiferromagnetic Spintronics III	Live Q&A 13
		M2	Complex Oxides I	Live Q&A 13
		M3	Magnetization Dynamics and Damping IV: Spin current, spin-torque, Spin Transport, Vortices, Skyrmions and Domain Walls	Live Q&A 13
		M4	Spin Currents II	Live Q&A 13
		M5	Skyrmions I	Live Q&A 13
		M6	Structured Materials	Live Q&A 13

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Date	Start Time (ET)	ID	Title	Virtual Room
	12:30 PM	N1	Skymions II	Live Q&A 14
		N2	Spin Wave II: Magnonics in Ferromagnets and Antiferromagnets	Live Q&A 14
		N3	Magnetic Recording via Optical, Heat and Magnetic Excitation I	Live Q&A 14
		N4	Magnetic Tunnel Junction and Related Effects, Voltage Controlled Magnetism	Live Q&A 14
		N5	Novel Sensors II	Live Q&A 14
	1:00 PM		Women in Magnetism Networking Event	Lounge (Gather.Town)

Date	Start Time (ET)	ID	Title	Virtual Room
Friday 11/06/2020	3:00 AM	S7	New Approaches for Information Processing Coupling Spintronics and Magnonics	Symposia
	6:00 AM		Virtual Bierstube 2	Lounge (Gather.Town)
		O1	2D Magnetic Materials	Live Q&A 15
		O2	MRAM and Magnetic Tunnel Junctions	Live Q&A 15
		O3*	Skyrmions and Beyond	Live Q&A 15
		O4	Spin Hall and Related Effects I	Live Q&A 15
		O5	Magnetic Microscopy and Imaging II	Live Q&A 15
		O6	Micromagnetic Modelling I	Live Q&A 15
		O7	Spin Wave III: Controlling Spin Wave Dynamics	Live Q&A 15
	6:30 AM	P1	Biomedical Applications III - Imaging and Diagnostic Sensing	Live Q&A 16
		P2	Magnetic Recording via Optical, Heat and Magnetic Excitation II	Live Q&A 16
		P3	Micromagnetic Modelling II	Live Q&A 16
		P4	Antiferromagnetic Spintronics IV	Live Q&A 16
		P5	Multiferroic Materials and Hetero-Structures II	Live Q&A 16
		P6	Spin Hall and Related Effects II	Live Q&A 16
	9:00 AM	SST4	Summer School Tutorial 4	SST4 Room
		S8	Novel Approaches to the Excitation and Control of Nano-scale Propagating Spin Waves	Symposia
	12:00 PM	YP1	Young Professionals Event: Balancing Academics, Research and Career Development	YP1 Room
		Q1	Hard Magnetic Materials: Rare-earth-Free	Live Q&A 17
		Q2	Magnetization Dynamics and Damping V: Magnetization Dynamics	Live Q&A 17
		Q3	Neuromorphic Computing with Spin-Torque Oscillators	Live Q&A 17
		Q4	Spin Currents III	Live Q&A 17
		Q5	Biomedical Applications IV	Live Q&A 17
		Q6	Complex Oxides II	Live Q&A 17
	12:30 PM	R1	Domain Walls	Live Q&A 18
		R2	Domain Walls and the Dzyaloshinskii-Moriya Interaction II	Live Q&A 18
		R3	MRAM, Magnetic Logic, and Related Devices	Live Q&A 18
		R4	Spin Hall and Related Effects III	Live Q&A 18
R5		Soft Magnetic Materials	Live Q&A 18	

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