

# INTERMAG 2021 Schedule-at-a-Glance

Orals, Posters, Symposia, Special Events, Networking

as of 27 April 2021

LIVE SESSIONS (26 - 30 April 2021)						
ID	Session Title	Date (GMT)	Asia CST	Europe CEST	US CDT	Session Length
TU	Tutorial: Magnetism and the Environment Q&A	Monday, 26 April	9:00 PM	3:00 PM	8:00 AM	60 min.
AA	Progress and Prospects of Advanced Magnetic Microscopies Q&A	Monday, 26 April	11:00 PM	5:00 PM	10:00 AM	90 min.
	Virtual Bierstube 1 ( <i>best for Europe</i> )	Monday, 26 April	12:30 AM	6:30 PM	11:30 AM	60 min.
	Virtual Bierstube 2 ( <i>best for US</i> )	Tuesday, 27 April	7:00 AM	1:00 AM	6:00 PM*	60 min.
MRAM	12th MRAM Global Innovation Forum Q&A and Panel Discussion	Tuesday, 27 April	8:00 AM	2:00 AM	7:00 PM*	150 min.
BA	Electrical Machines and Drives 2020 and Beyond Q&A	Tuesday, 27 April	3:00 PM	9:00 AM	2:00 AM	90 min.
YA	Focus Session: Bench to Bedside Transition of Biomagnetic Research: How Close Are We? Q&A	Tuesday, 27 April	4:30 PM	10:30 AM	3:30 AM	60 min.
CA	Spin Conversion Efficiency by Various Methods Towards Device Applications Q&A	Tuesday, 27 April	9:00 PM	3:00 PM	8:00 AM	90 min.
YB	Focus Session: Magnetorheological Composite Materials and Applications Q&A	Tuesday, 27 April	10:30 PM	4:30 PM	9:30 AM	60 min.
DA	2D Materials for Spintronics Q&A	Wednesday, 28 April	8:00 AM	2:00 AM	7:00 PM*	90 min.
ZA	IEEE Magnetics Society Award Ceremony and Plenary Session Q&A	Wednesday, 28 April	8:30 PM	2:30 PM	7:30 AM	120 min.
	IEEE Magnetics Society Annual Meeting	Wednesday, 28 April	10:30 PM	4:30 PM	9:30 AM	15 min.
EA	Spin Angular Momentum Transport: Spin Waves Pushing New Frontiers Q&A	Wednesday, 28 April	11:00 PM	5:00 PM	10:00 AM	90 min.
	Women in Magnetism Networking	Wednesday, 28 April	12:30 AM	6:30 PM	11:30 AM	60 min.
	Meet the Experts 1 ( <i>best for Asia</i> ) **	Thursday, 29 April	2:00 PM	8:00 AM	1:00 AM	60 min.
FA	Terahertz Spintronics Q&A	Thursday, 29 April	3:00 PM	9:00 AM	2:00 AM	90 min.
	Virtual Bierstube 3 ( <i>best for Asia</i> )	Thursday, 29 April	4:30 PM	10:30 AM	3:30 AM	60 min.
ESS	Entrepreneurship: Launching a Start-up Company Q&A	Thursday, 29 April	8:00 PM	2:00 PM	7:00 AM	60 min.
GA	Spintronics for Probabilistic Computing Q&A	Thursday, 29 April	9:00 PM	3:00 PM	8:00 AM	90 min.
	Meet the Experts 2 ( <i>best for US</i> ) **	Thursday, 29 April	12:00 AM	6:00 PM	11:00 AM	60 min.
	Meet the Experts 3 ( <i>best for Europe</i> ) **	Friday, 30 April	8:00 PM	2:00 PM	7:00 AM	60 min.
HA	New Trends in Skyrmionics: Materials, Dynamics and Detection Techniques Q&A	Friday, 30 April	9:00 AM	3:00 PM	8:00 AM	90 min.

\*\*Pre-registration required for these events

\*prior day for US

# INTERMAG 2021 Schedule-at-a-Glance

Orals, Posters, Symposia, Special Events, Networking

ON-DEMAND SESSIONS (available starting 19 April 2020)	
MRAM	12th MRAM Global Innovation Forum
YA	Focus Session: Bench to Bedside Transition of Biomagnetic Research: How Close Are We?
YB	Focus Session: Magnetorheological Composite Materials and Applications
ZA	Plenary Session
ESS	Entrepreneurship: Launching a Start-up Company
AA	Progress and Prospects of Advanced Magnetic Microscopies
AB	Magnetic Microscopy and Imaging
AC	Instrumentation and Measurement Techniques
AD	Hysteresis Modelling
AE	Micromagnetic Modelling
AP	Advances in (Semi)-Analytical and Numerical Techniques for Design I
AQ	Advances in (Semi)-Analytical and Numerical Techniques for Design II
AR	Design Optimization of Permanent Magnet Electrical Machines
AS	Electric Drive Applications, Transformers and Wireless Power Transfer II
AT	Magnetic Bearings and Magnetic Levitation
AU	Electric Drive Applications, Transformers and Wireless Power Transfer III
AV	Vibration Analysis and Energy Harvesting Applications
BA	Electrical Machines and Drives 2020 and Beyond
BB	Dual Winding and Permanent Magnet Memory Machines
BC	High-Speed Machines and Reluctance Machines
BD	Linear Machines, Electromagnetic Actuators and Applications
BE	Magnetic Bearings and Motor Material Modelling
BF	Magnetic Gearing
BG	Surface Mounted and Interior Mounted Permanent Magnet Electrical Machines
BH	Advances in (Semi)-Analytical and Numerical Techniques for Design, and Innovative Designs
BI	Advances in (Semi)-Analytical and Numerical Techniques for Modeling
BJ	Electric Drive Applications, Transformers and Wireless Power Transfer I
BK	Vibration Analysis and Energy Harvesting Applications
BP	Permanent Magnet Electrical Machines for Electric Vehicle
BQ	High-Speed Machines and Energy Storage Machines
BR	Surface Mounted and Interior Mounted Permanent Magnet Electrical Machines
BS	Linear Machines, Electromagnetic Actuators and Applications
BT	Vernier and Flux Modulated Machines
BU	Magnetic Gears and Vernier Machines
BV	Wound Rotor, Axial Flux and Memory Motors
BW	Design and Control of Reluctance Machines and Induction Machines
CA	Spin Conversion Efficiency by Various Methods Towards Device Applications
CB	Spin Injection and Spin Transfer Torques
CC	Spin Orbit Torques
CD	Spin Hall Effects
CE	Spin Currents
CF	Conventional STT-MRAM Materials, Devices and Technology
CG	Exploratory STT/SOT MRAM Materials, Devices and Technology

# INTERMAG 2021 Schedule-at-a-Glance

Orals, Posters, Symposia, Special Events, Networking

ON-DEMAND SESSIONS (available starting 19 April 2020)	
CP	Spintronics Fundamentals
CQ	Novel Imaging and Measurement Techniques I
CR	Novel Imaging and Measurement Techniques II
CS	Magnetic Modelling
DA	2D Materials for Spintronics
DB	Spins in Graphene Other 2D Materials
DC	Spins in Topological Insulators and 2D Materials
DD	Magnetism in Curvilinear and Cylindrical Geometries
DE	Multiferroics and Magnetoelectric Materials
DF	Multiferroics and Magnetoelectric Phenomena
DG	Spin Liquids and Novel Spin Systems
DP	Multiferroics and Magnetoelectrics: Phenomena, Materials and Transport
DQ	Interactions in Complex Magnets
EA	Spin Angular Momentum Transport: Spin Waves Pushing New Frontiers
EB	Fundamental Magnonic Phenomena
EC	Hybrid Magnonic Structures
ED	Magnon Spintronics
EE	Nanoscale and Applied Magnonics
EP	Magnonics I
EQ	Magnonics II
ER	Microwave and Millimeter Wave Devices
FA	Terahertz Spintronics
FB	Spin Pumping, Resonance and THz Dynamics
FC	Ghz to THz precessional magnetization dynamics
FD	Ultrafast magnetization dynamics, damping and nutation
FE	Electric Field Effects and Magnetization Switching
FG	Antiferromagnetic Spintronics I
FH	Antiferromagnetic Spintronics II
FP	Magnetization Dynamics, Damping and Ultrafast Switching
GA	Spintronics for Probabilistic Computing
GB	Neuromorphic Computing
GC	New Approaches in Computational Magnetism
GD	Novel Recording and Domain Wall Devices
GP	MRAM and Neuromorphic Computing
HA	New Trends in Skyrmionics: Materials, Dynamics and Detection Techniques
HB	Skyrmions: Control and Manipulation
HC	Skyrmions: DMI and Dynamics
HD	Skyrmions: Potential Applications
HP	Skyrmions
IA	Magnetic Recording: Energy-assisted, Media, Head, Models
IB	Magnetic Field Sensors I
IC	Non-destructive Evaluation & Other Sensors I
ID	Magnetics for IoT & Emerging Applications

# INTERMAG 2021 Schedule-at-a-Glance

Orals, Posters, Symposia, Special Events, Networking

ON-DEMAND SESSIONS (available starting 19 April 2020)	
IE	Magnetoresistance
IF	Magnetoresistance, Magnetoimpedance and Hall Effects in Homogeneous Materials
IG	Multilayered and Patterned Films, and Exchange Bias
IH	Thin Films and Surface Effects
IP	Domain Walls, Energy-assisted Recording and Recording Physics
IQ	Electric Field Effects and Magnetoresistance
IR	Thin Films and Interface Effects
IS	Magnetic Field Sensors II
IT	Non-destructive Evaluation & Other Sensors II
JA	Amorphous and Nanocrystalline Soft Magnets and Applications
JB	Crystalline Soft Magnets
JC	RE-based Permanent Magnets
JD	RE-free Permanent Magnets
JE	Magneto-caloric Materials and Devices I
JF	Magneto-elastic and Magneto-optic Materials and Devices
JG	Bio-applications of Magnetism I
JH	Magnetic Particles, Magnetic Fluids, and Separation
JI	Nanoparticles and Nanowires
JP	Bio-applications of Magnetism II
JQ	Bio-magnetism, Magnetic Fluids, and Separation
JR	Nanoparticles and Nanowires
JS	Magneto-caloric and Magneto-optic Materials and Devices
JT	Magneto-caloric Materials and Devices II
JU	Magneto-elastic Materials and Devices
JW	RE-based and RE-free Permanent Magnets
JX	Soft Magnetic Alloys and Oxides
JY	Soft Magnetic Materials and Applications