## DAILY SCHEDULE OF EVENTS SUNDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	6:00 am - 10:00 pm
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:00 am - 5:30 pm
Registration	Hynes, Level 1, Prudential Foyer	7:00 am - 5:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	8:00 am - 6:00 pm
TUTORIAL SESSION Tutorial CH02—Experiment and Simulation Methods in 4D STEM	Hynes, Level 2, Room 201	8:00 am - 5:00 pm
<b>TUTORIAL SESSION</b> Joint Tutorial EL07/EL19—Low-Dimensional Materials and Heterostructures—Fundamentals and Industrial Perspectives	Hynes, Level 2, Room 210	8:30 am - 5:00 pm
TUTORIAL SESSION Tutorial SF05—Micro/Nanoscale Thermal Radiation	Hynes, Level 2, Room 209	8:30 am - 3:00 pm
Coffee Break	Hynes, Level 2, Boylston Street Corridor	9:30 am - 10:30 am
Symposium Session EL08	Hynes, Level 2, Room 200	10:00 am - 5:00 pm
PROFESSIONAL DEVELOPMENT Engaging Science Communication— Hosted by the Women in MS&E Community Rhea Waldman, South Dakota Discovery Center	Hynes, Level 3, Ballroom C	1:00 pm - 4:00 pm
TUTORIAL SESSION Tutorial DS04—Using Large Language Models for Accelerating Materials Research	Hynes, Level 2, Room 207	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial EL02—Introduction to Ultrafast Optical and Structural Techniques in Materials Science	Hynes, Level 2, Room 204	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial EL09—Translating Expertise from Conventional Semiconductors to Novel 2D Hybrid Stacking	Hynes, Level 2, Room 202	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial EN02—Critical Computational Methods for Solid State Batteries	Hynes, Level 2, Room 206	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial EN10—Advanced Tools for Characterizing Electrochemical Interfaces from Single Atom to Device	Hynes, Level 2, Room 208	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial QT01—Magneto-Optical Properties of Excitons	Hynes, Level 2, Room 203	1:30 pm - 5:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Sheraton, 5th Floor, Boston Common	2:00 pm - 8:00 pm
Coffee Break	Hynes, Level 2, Boylston Street Corridor	2:30 pm - 3:30 pm
Materials Research Collaborations Between Scientists at African and Non-African Institutions—Successes, Challenges and Opportunities	Hynes, Level 2, Room 205	4:00 pm - 7:00 pm
PROFESSIONAL DEVELOPMENT	Hynes, Level 2,	5:00 pm - 6:30 pm

## MONDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	6:00 am - 10:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Sheraton, 5th Floor, Boston Common	7:00 am - 8:00 pm
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:00 am - 5:30 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
Registration	Hynes, Level 1, Prudential Foyer	7:00 am - 5:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	8:00 am - 5:00 pm
Exhibit Registration	Hynes, Level 1, Prudential Foyer	8:00 am - 5:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	8:00 am - 6:00 pm
Plenary Session Featuring The Fred Kavli Distinguished Lectureship in Materials Science <i>The Future of Chemistry Is Self-Driving</i> Alán Aspuru-Guzik, University of Toronto	Sheraton, 2nd Floor, Grand Ballroom	8:15 am - 9:30 am
Poster Authors (Monday Only) Check-In and Posting	Hynes, Level 1, Prudential Foyer	9:00 am - 5:30 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	9:30 am - 5:30 pm
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	10:30 am - 5:00 pm
Symposium X—MRS/The Kavli Foundation Frontiers of Materials Hexagonal Boron Nitride Crystal Growth and Applications Takashi Taniguchi, National Institute for Materials Science	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
EDUCATION & OUTREACH George Crabtree Tribute—Special Session Honoring George Crabtree (1944–2023)	Sheraton, 2nd Floor, Constitution B	3:30 pm - 5:30 pm
EDUCATION & OUTREACH Materials Needs for Energy Sustainability by 2050—Yesterday, Today and Tomorrow	Sheraton, 2nd Floor, Constitution B	5:45 pm - 7:00 pm
Poster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Best Poster Award Winners Announcement	Hynes, Level 1, Hall A	8:30 pm

## TUESDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	6:00 am - 10:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Sheraton, 5th Floor, Boston Common	7:00 am - 8:00 pm
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:00 am - 5:30 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
DIVERSITY, EQUITY AND INCLUSION Women in Materials Science & Engineering Keynote Breakfast Talk STEM Heroines—Leading Change to a Net-Zero Carbon World Angeliki Diane Rigos, MIT Energy Initiative (MITEI) (Space is limited; advance sign-up was required)	Sheraton, 2nd Floor, Constitution A	7:00 am - 8:30 am
Registration	Hynes, Level 1, Prudential Foyer	7:00 am - 5:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm

## THECOAV

EVENT TITLE	LOCATION	EVENT TIME
ymposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	8:00 am - 5:00 pm
XHIBIT HALL EVENT xhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	8:00 am - 6:30 pm
xhibit Registration	Hynes, Level 1, Prudential Foyer	8:00 am - 5:00 pm
Nother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	8:00 am - 6:00 pm
<b>IVERSITY, EQUITY AND INCLUSION</b> treaking the Bias Habit Space is limited)	Sheraton, 2nd Floor, Constitution B	8:30 am - 11:00 am
Poster Authors (Tuesday Only) Pheck-In and Posting	Hynes, Level 1, Prudential Foyer	9:00 am - 5:30 pm
offee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
ХНІВІТ	Hynes, Level 2, Exhibit Hall C	11:00 am - 6:00 pm
XHIBH XHIBIT HALL EVENT Saricature Artist	Hynes, Level 2, Exhibit Hall C	11:00 am - 5:00 pm
XHIBIT HALL EVENT //RS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	11:00 am - 6:00 pm
xhibitor Workshop—Advanced Applications f AFM with Oxford Instruments America, Inc.	Hynes, Level 2, The Hub Stage–Hall D	11:00 am - 11:20 am
ROFESSIONAL DEVELOPMENT MRS Career Fair— tesume Critiques, Mock Interviews	Hynes, Level 2, Hall D	11:00 am - 6:00 pm
XHIBIT HALL EVENT icience as Art Viewing and Voting	Hynes, Level 2, Exhibit Hall C	11:00 am - 6:00 pm
xhibitor Workshop—See It, Feel It, Resist :: Flexible Metrology Solutions for Materials tesearch with KLA	Hynes, Level 2, The Hub Stage–Hall D	11:30 am - 11:50 am
ROFESSIONAL DEVELOPMENT	Hynes, Level 2,	
reen Cards for Scientific Researchers— low to Win Your EB-1/NIW Case!	The Hub Stage–Hall D	12:00 pm - 12:45 pm
iraduate Student Awards - pecial Talk Session I	Marriott, 4th Floor, Falmouth	12:00 pm - 2:00 pm
iraduate Student Awards - pecial Talk Session II	Marriott, 4th Floor, Orleans	12:00 pm - 2:00 pm
ymposium X—MRS/The Kavli Foundation rontiers of Materials Idvanced Tissue Engineering for In Vitro <i>Prug Safety and Toxicology Testing</i> Ióisín M. Owens, University of Cambridge	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
offee Breaks	Hynes, Level 1, 2 & 3	2:30 pm - 3:30 pm
	Sheraton, 2nd, 3rd & 5th Floors	2.00 pm 0.00 pm
OVERSITY, EQUITY AND INCLUSION offee and Conversation—Inclusion Topics	Sheraton, 2nd Floor, Constitution B	2:30 pm - 3:30 pm
XHIBIT HALL EVENT xhibit Hall—MRS 50 Years Break	Hynes, Level 2, Exhibit Hall C	2:30 pm - 3:30 pm
xhibitor Workshop—Backscattered Electron nd X-Ray (BEX) Imaging with Oxford nstruments America, Inc.	Hynes, Level 2, The Hub Stage–Hall D	2:30 pm - 2:50 pm
WARDS eatured Award Talks - David Turnbull ectureship and Von Hippel Award <b>fark Asta</b> , University of California, Berkeley nd Lawrence Berkeley National Laboratory teshef Tenne, Weizmann Institute of Science	Sheraton, 2nd Floor, Grand Ballroom	5:15 pm - 7:00 pm
he Future of Micro- and Nanoscale Aanufacturing	Hynes, Level 2, The Hub Stage–Hall D	6:00 pm - 7:30 pm
oster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
est Poster Award Winners Announcement	Hynes, Level 1, Hall A	8:30 pm

## WEDNESDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	6:00 am - 10:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Sheraton, 5th Floor, Boston Common	7:00 am - 8:00 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
DIVERSITY, EQUITY AND INCLUSION Writing an Impactful DEI Statement for Funding Proposals ( <i>Space is limited</i> )	Sheraton, 2nd Floor, Constitution A	7:30 am - 10:30 am
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:30 am - 5:30 pm
Registration	Hynes, Level 1, Prudential Foyer	7:30 am - 5:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	8:00 am 6:00 pm
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	8:00 am - 5:00 pm
Poster Authors (Wednesday Only) Check-In and Posting	Hynes, Level 1, Prudential Foyer	9:00 am - 5:30 pm
PROFESSIONAL DEVELOPMENT Careers After Graduate School— Traditional and Nontraditional Paths	Hynes, Level 3, Room 300	9:00 am - 12:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	- 9:30 am - 10:30 pm
EXHIBIT	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
Exhibit Registration	Hynes, Level 1, Prudential Foyer	10:00 am - 5:00 pm
EXHIBIT HALL EVENT Exhibit Hall Coffee Break	Hynes, Level 2, Exhibit Hall C	10:00 am - 11:00 am
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
EXHIBIT HALL EVENT MRS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
PROFESSIONAL DEVELOPMENT MRS Career Fair—Resume Critiques, Mock Interviews	Hynes, Level 2, Hall D	10:00 am - 6:00 pm
EXHIBIT HALL EVENT Science as Art Viewing and Voting	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
AWARDS MRS Award Recipients—Lightning Talks and Panel Discussion	Hynes, Level 2, The Hub Stage–Hall D	10:30 am - 12:00 pm
EXHIBIT HALL EVENT Caricature Artist	Hynes, Level 2, Exhibit Hall C	11:00 am - 5:00 pm
Symposium X—MRS/The Kavli Foundation Frontiers of Materials Hybrid Perovskite Solar Cells—A Game Changer for Near-Future Photovoltaics Giulia Grancini, Università degli Studi di Pavia	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
Exhibitor Workshop—Advances in Nanoscale Thermal Conductivity and Thermal Resistance Measurements Using Steady State Thermoreflectance	Hynes, Level 2, The Hub Stage–Hall D	2:00 pm - 2:20 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
EXHIBIT HALL EVENT Exhibit Hall—Sweet Escape Candy Break	Hynes, Level 2, Exhibit Hall C	2:30 pm - 3:30 pm
Exhibitor Workshop—Graphing and Analysis with OriginPro	Hynes, Level 2, The Hub Stage–Hall D	2:30 pm - 3:30 pm
PROFESSIONAL DEVELOPMENT Intellectual Property—Pathways to Patents	Hynes, Level 2, The Hub Stage–Hall D	3:30 pm - 4:30 pm
Diversifying Materials Special Interest Groups Program	Sheraton, 2nd Floor, Constitution A	5:00 pm - 6:00 pm
PROFESSIONAL DEVELOPMENT Meet the New Faculty Candidates Poster Session and Reception	Hynes, Level 2, Hall D	5:00 pm - 7:00 pm
Poster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Best Poster Award Winners Announcement	Hynes, Level 1, Hall A	8:30 pm

## THURSDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	6:00 am - 10:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Sheraton, 5th Floor, Boston Common	7:00 am - 8:00 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 5:30 pm
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:30 am - 5:30 pm
Registration	Hynes, Level 1, Prudential Foyer	7:30 am - 5:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	8:00 am - 6:00 pm
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	8:00 am - 5:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
EXHIBIT	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
Exhibit Registration	Hynes, Level 1, Prudential Foyer	10:00 am - 12:00 pm
EXHIBIT HALL EVENT Caricature Artist	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Exhibit Hall—Visit Seattle Espresso Break	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	10:00 am - 5:00 pm
EXHIBIT HALL EVENT MRS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Science as Art Viewing	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Science as Art—Winners Announcement	Hynes, Level 2, Exhibit Hall C	10:15 am - 10:30 am
Symposium X—MRS/The Kavli Foundation Frontiers of Materials	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
PowerPoint™ Karaoke	Sheraton, 2nd Floor, Independence East	6:00 pm - 8:00 pm

## FRIDAY

EVENT TITLE	LOCATION	EVENT TIME
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:30 am - 3:30 pm
Registration	Hynes, Level 1, Prudential Foyer	7:30 am - 1:00 pm
Speaker Ready Room	Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Symposium Sessions	Hynes, Level 1, 2 & 3	8:00 am - 5:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3	9:30 am - 10:30 am
	HYIES, LEVEL I, Z & S	2:30 pm - 3:30 pm

Schedule is current as of October 22, 2023. For the most up-to-date information, visit mrs.org/fall2023 or download the MRS Meeting App.

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### BADGES





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INSTRUMENTS

### Introducing the Leaders in Benchtop Metrology







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# SYMPOSIUM SESSIONS

	TITLE	T M - Tutorial Morning Only T A - Tutorial Afternoon Only T D - Tutorial All Day LOCATION: H-HYNES   S-SHERATON	M - S A - S D - S S	Sessi	ion A	ftern II Da	oon (	0
<b>RO</b> <i>A</i> 01	ADER IMPACT Energy Justice in Materials Science and Engineering	H, Level 2, Room 209			M	D		
IAF	ACTERIZATION	H, Level 1, Room 111		D	D	D	D	
01	Advanced Characterization Methods of Energy Material Applications	S, 3rd Floor, Commonwealth H, Level 2, Room 208 - Room Change		U			D	
02	Tutorial: Experiment and Simulation Methods in 4D STEM           Advances in In Situ TEM Characterization of Dynamic Processes in Materials	H, Level 2, Room 201 - Tutorial S, 3rd Floor, Berkeley	TD	D	D	M		+
03	Nanoscale Materials Characterization Through Atom Probe Tomography	S. 3rd Floor, Dalton S. 3rd Floor, Gardner		D	D	D	D	-
04	Emerging Electron Microscopy Techniques to Understand Structure-Property Relationships in Quantum Materials  RIALS COMPUTING AND DATA SCIENCE	H, Level 3, Room 301 - Room Change						
01	Accelerating Materials Research with Al-Assisted Experimentation	S, 3rd Floor, Fairfax B		D	D	D		
02	Automated Experimentation with Synchrotrons, Neutrons and Microscopes	S, 3rd Floor, Dalton H, Level 2, Room 205 - Room Change				D	D	-
603	Emerging Challenges and Opportunities in Materials by Design	S, 2nd Floor, Liberty B/C H, Level 2, Room 206 - Room Change		D	D	D	D	-
604	Tutorial: Using Large Language Models for Accelerating Materials Research	H, Level 2, Room 207 - Tutorial S, 2nd Floor, Back Bay B	TA	D	D	D	D	-
	Accelerating Data-Driven Materials Research for Energy Applications Polymer Informatics—Polymer Research with Classical and Data-Driven Informatics	H, Level 2, Room 207 - Room Change S, 3rd Floor, Gardner		D	D			
305 306	Integrating Machine Learning with Simulations for Accelerated Materials Modeling	S, 2nd Floor, Back Back A		D	D	D	D	
	TRONICS, OPTICS AND PHOTONICS	H, Level 2, Room 203 - Room Change						
01	Defects and Strain in Two-Dimensional Materials Tutorial: Introduction to Ultrafast Optical and Structural Techniques in Materials Science	H, Level 2, Room 204 H, Level 2, Room 204 - Tutorial	TA	D	D	D	D	ļ
02	Emerging Ultrafast Optical and Structural Probes in Materials Science	H, Level 3, Room 303		D	M	D	М	
.03	Joint Session: EL02/QT02 Ferroic Materials and Heterostructures	H, Level 3, Room 303 - Joint Session H, Level 1, Room 107		D	A D	D	D	
.04	Materials and Devices for Neuromorphic Electronics and Bio-interfaces Soft Optics	H, Level 3, Room 313 H, Level 2, Room 203		М	D D	D D	D D	-
.05	Joint Session: EL05/SB04 Metamaterials Innovation in Photonics. Acoustics. Fluidics and Thermal Sciences	H, Level 1, Room 103 - Joint Session - Room Change H, Level 3, Room 308		A M	D	D	M	1
06	Joint Session: EL06/EL12	H, Level 3, Room 312 - Joint Session - Room Change					М	
.07	Joint Session: EL08/EL06/EL12 Tutorial: EL07/EL19: Low-Dimensional Materials and HeterostructuresFundamentals and Industrial Perspectives	H, Level 3, Room 312 - Joint Session - Room Change H, Level 2, Room 210 - Tutorial	TD	A	D	M	A	
07	1D and 2D Materials—Electronic Properties and Device Applications	H, Level 3, Ballroom B H, Level 2, Room 200	D	D	D	D	D	
.08	Emerging Material Platforms and Fundamental Approaches for Plasmonics, Nanophotonics and Metasurfaces	H, Level 3, Room 312 - Room Change		М	D	D	D	
.09	Joint Session: EL08/EL06/EL12 Tutorial: Translating Expertise from Conventional Semiconductors to Novel 2D Hybrid Stacking	H, Level 3, Room 312 - Joint Session H, Level 2, Room 202 - Tutorial	TA	A	D	M	A	
.03	2Ds Go Hybrid—Properties and Applications of Dimensionally Hybrid Systems Understanding the Inorganic-Organic Interface—The Case of Colloidal Nanoscale Materials	H, Level 2, Room 202 H, Level 3, Ballroom A		A D	D	D	M	-
.11	Ultra-Wide Bandgap Materials, Devices and Applications Joint Session: EL 11/EL 14	H, Level 2, Room 210		D	A	A	D	
	Perspective on Applications of Metasurfaces—Advances in Metasurface Design, Fabrication, Integration and Material	H, Level 2, Room 210 - Joint Session H, Level 3, Room 305		М	M D	D D	D	
.12	Joint Session: EL06/EL12 Joint Session: EL08/EL06/EL12	H, Level 3, Room 312 - Joint Session - Room Change H, Level 3, Room 312 - Joint Session - Room Change		A	D	M	M	-
13	Multiferroics and Magnetoelectrics Diamond Electronics, Devices and Sensors	H, Level 2, Room 201 H, Level 2, Room 209		D D	D	D	M	
14	Joint Session: EL11/EL14	H, Level 2, Room 210 - Joint Session - Room Change		U	М	D		
.15 .16	Chiral Materials—New Structures and Properties Carrier-Dopant Interactions in Organic Semiconductors—From Fundamentals to Applications	H, Level 2, Room 207 H, Level 2, Room 205		D D	D D	D D	D M	+
L17	Synthesis, Properties and Applications of 2D MXenes	H, Level 2, Room 208 H, Level 1, Room 111		D D	D	D	М	
L18	Fundamentals of Mixed Ionic-Electronic Conductors	H, Level 1, Room 101 - Room Change				A		
L19	Tutorial: EL07/EL19: Low-Dimensional Materials and HeterostructuresFundamentals and Industrial Perspectives           Atomically-Thin 2D Materials and Heterostructures—Synthesis, Properties and Applications	H, Level 2, Room 210 - Tutorial H, Level 3, Room 309	TD	D	D	D	D	
L20 NER	Future Materials and Technologies Toward Sustainable Heterogeneous Computing and Energy-efficient Machine Learning GY AND SUSTAINABILITY	H, Level 3, Room 301			D	D	D	
N01	Energy Solutions for Unconventional Applications Tutorial: Critical Computational Methods for Solid State Batteries	H, Level 2, Room 200 H, Level 2, Room 206 - Tutorial	TA	D	D	D	М	
V02	Solid-State Batteries—Materials, Processes, Characterizations and Scale-up	H, Level 3, Room 304		D D	D	D	D	
N03 N04	Biodegradable, Resorbable and Sustainable Materials Decoding Halide Perovskites—Advanced Characterization Towards Optimization and Discovery	H, Level 2, Room 206           H, Level 3, Room 300		D	D	Α	D	
-	Joint Session: EN04/EN05 Halide Perovskites—From Fundamentals to Applications	H, Level 3, Room 311 - Joint Session - Room Change H, Level 3, Room 311		D	D	M	D	+
N05 N06	Joint Session: EN04/EN05 Emerging Energy Applications of Low-Dimensional Layered and Crystalline Materials	H, Level 3, Room 311 - Joint Session H, Level 3, Room 306		D	D	M	D	-
N07	Emerging Electrocatalytic Materials and Devices for Clean Energy and Environmental Applications	H, Level 3, Room 310		D	D	D	D	
V08 V09	Materials for Emerging Electrochemical Separations Lithium-Ion Battery Recycling and Reuse	H, Level 1, Room 108 H, Level 1, Room 108		D	M	D	D	+
V10	Tutorial: Advanced Tools for Characterizing Electrochemical Interfaces from Single Atom to Device From Single Atom to Device—Interfaces Under Electrochemical Conditions	H. Level 2, Room 208 - Tutorial H, Level 3, Room 302	TA	D	M	D	D	
NTO	Joint Session: EN10/SF02	H, Level 3, Room 302 - Joint Session			A			
		H, Level 2, Room 203 - Tutorial	TA					T
	ITUM, MATERIALS, INTERFACES AND TOPOLOGICAL SYSTEMS Tutorial: Magneto-Optical Properties of Excitons			D	D	D D	D	+
Г01		S, 5th Floor, Public Garden S, 5th Floor, The Fens		D				-
Г01 Г02	Tutorial: Magneto-Optical Properties of Excitons Excitonic Materials Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials Joint Session: EL02/QT02	S, 5th Floor, The FensH, Level 3, Room 303 - Joint Session - Room Change			A	M		
T01 T02 T03 T04	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications	S, 5th Floor, The Fens		D D D	A D D	M	Μ	
ГО1 ГО2 ГО3 ГО4 <b>ОFT</b>	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond		D	D		M	Τ
T01 T02 T03 T04 <b>OFT</b> 301 302	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery	S, 5th Floor, The Fens H, Level 3, Room 303 - Joint Session - Room Change S, 5th Floor, Jamaica Pond S, 5th Floor, Riverway		D D D	D D D D	D	M	
T01 T02 T03 T04	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change		D D D D D	D D D D D	M D M	M	
[01]         [02]         [03]         [04] <b>OFT</b> 301         302         803	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 101		D D D	D D D D	D M D		
Г01         Г02         Г03         Г04 <b>ОFT</b> 801         802         803         804         805	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103		D D D D D D M	D D D D D	M D M	M	
ГО1         ГО2         ГО3         ГО4 <b>DFT</b> 801         802         803         804         805         806         807	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 109 - Room Change         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 105		D D D D D M A A D	D D D D D D D D D D D D D D D D	D           M           D           M           D           M           D           M           D           D           D           D           D           D           D           D           D           D           D           D           D           D	M D D	
T01 T02 T03 T04 <b>DFT</b> 301 302 303 303 304 305 306 307 308 309	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 103         H, Level 1, Room 103         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 109         H, Level 1, Room 109		D D D D D D M A A D D D D D D	D D D D D D D D D D D D D D	<ul> <li>D</li> <li>M</li> <li>D</li> <li>M</li> <li>D</li> <li>D</li> <li>D</li> <li>D</li> </ul>	M D D	
01       02       03       04       05       03       04       05       06       07       08       09	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 102         H, Level 1, Room 105         H, Level 2, Room 105         H, Level 1, Room 104         H, Level 2, Room 209		D D D D D M A A D	D D D D D D D D D D D D D D D D D	D           M           D           M           D           M           D           M	M D D D	
01       02       03       04       0FT       03       04       05       03       04       05       06       07       08       09       10	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 109 - Room Change         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 104		D D D D D D M A A D D D D D D	D D D D D D D D D D D D D D D D D	D           M           D           M           D           M           D	M D D D	
F01         F02         F03         F04         DFT         301         302         303         304         305         306         307         308         309         310         311	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 107         H, Level 1, Room 109 - Room Change         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 102         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105		D D D D D D D D D D D D D D D D D D D	D D D D D D D D D D D D D D D D D D D	D           M           D           M           D           M           D	M M D D D D D C D C C C C C C C C C C C	
T01 T02 T03 T04 OFT 301 302 303 303 304 305 306 306 307 308 309 310 311	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Wearable and Implantable Neuro- and Bio-Electronics with 2D Materials         CTURAL AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 3, Room 307         H, Level 1, Room 105         H, Level 1, Room 109         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 102         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 106         H, Level 2, Room 200		D D D D D M A A D D D D D D D D D D D D	D D D D D D D D D D D D D D D D D D D	D       M       D       M       D       M       D	M M D D D D D D D D D D D D D D D D	
T01 T02 T03 T04 OFT 301 302 303 304 305 306 306 306 307 308 309 310 311	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Wearable and Implantable Neuro- and Bio-Electronics with 2D Materials         CTURAL AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications         Crystallization and Assembly at Interfaces—	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 102         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105 - Room Change         H, Level 2, Room 209         H, Level 1, Room 101 - Room Change         Your 1, Room 101 - Room Change         S, 2nd Floor, Republic B         H, Level 2, Room 200 - Room Change         S, 2nd Floor, Republic A         H, Level 2, Room 201 - Room Change		D D D D D D D D D D D D D D D D D D D	D D D D D D D D D D D D D D D D D D D	D           M           D           M           D           M           D	M M D D D D D C D C C C C C C C C C C C	
r01 r02 r03 r04 <b>OFT</b> 301 302 303 303 304 305 306 307 308 309 310 311 <b>TRU</b>	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials to Dato Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials         Ctural AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications         Crustal cand no Assembly at Interfaces—Fundamental Breakthroughs Enabled by Data-Centric Analysis and <i>In Situ/Operandor</i> Techniques         Joint Session: EN10/SF02       Joint Session: EN10/SF02	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 2, Room 209         H, Level 1, Room 101 - Room Change         S, 2nd Floor, Republic B         H, Level 2, Room 200 - Room Change         S, 2nd Floor, Republic A		D D D D D M A A D D D D D D D D D D D D	D D D D D D D D D D D D D D D D D D D	D       M       D       M       D       M       D	M M D D D D D D D D D D D D D D D D	
T01 T02 T03 T04 OFT 301 302 303 304 305 306 307 308 309 310 311 TRU 501	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/Q1T02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Wearable and Implantable Neuro- and Bio-Electronics with 2D Materials         CTURAL AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications         Crystallization and Assembly at Interfaces	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 107         H, Level 1, Room 109         H, Level 1, Room 109         H, Level 1, Room 103         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 2, Room 209         H, Level 1, Room 101 - Room Change         H, Level 2, Room 200 - Room Change         H, Level 2, Room 200 - Room Change         S, 2nd Floor, Republic B         H, Level 2, Room 201 - Room Change         S, 2nd Floor, Republic A         H, Level 3, Room 302 - Joint Session - Room Change		D D D D D D D D D D D D D D D D D D D	D D D D D D D D D D D D D D D D D D D	M           D           M           D           M           D	M M D D D D D D D D D D D D D D	
r01 r02 r03 r04 <b>DFT</b> 801 802 803 804 805 806 807 808 809 310 311 811 <b>FRU</b> F01 F01 F01	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/0102         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Wearable and Implantable Neuro- and Bio-Electronics with 2D Materials         CTURAL AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications         Crystallization and Assembly at Interfaces—	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 2, Room 209         H, Level 1, Room 101 - Room Change         S, 2nd Floor, Republic B         H, Level 2, Room 200 - Room Change         S, 2nd Floor, Republic A         H, Level 3, Room 302 - Joint Session - Room Change         S, 2nd Floor, Back Bay C         H, Level 2, Room 202 - Room Change         S, 2nd Floor, Independence East         H, Level 2, Room 20			D           D	D           M           D           M           D           M           D           D           D           D           M           D           D           D           M           D           M           A           D	M           M           D           M           D           M           D           M           D           M           D           M           D           M           D           M           D           M           D           M           M	
TO1         TO2         TO3         TO4         DFT         301         302         303         304         305         306         307         308         309         3110         FRU         F01         F02         F03         F04	Tutorial: Magneto-Optical Properties of Excitons         Excitonic Materials         Space, Energy and Time-Resolved Spectroscopies for Emergent Quantum Materials         Joint Session: EL02/QT02         Higher-Order Topological Structures in Real Space—From Charge to Spin         2D Topological Materials—Theoretical Models, Growth and Applications         MATERIALS AND BIOMATERIALS         Engineering Future Food Materials—Ingredients, Processes and Fabrication         Biomimetic Organic and Hybrid Frameworks for Imaging, Encapsulation and Delivery         Molecular Biomimetics—Biology Meets Materials Science and Artificial Intelligence at the Molecular Dimensions         Conducting and Functional Hydrogels—From Materials to Devices         Joint Session: EL05/SB04         Biohybrid and Soft Functional Interfaces         Experimental and Computational Advances in Biomolecular Electronics         Translational Neuroelectronic Materials and Devices for Bioelectronic Medicine         Bio-Based Polymers and Composites for Sustainable Manufacturing         Biomaterials for Regenerative Engineering         From Soft Hydrogel Materials to Hard Water Sports Materials—Bridging the Gap with Additive Manufacturing         Wearable and Implantable Neuro- and Bio-Electronics with 2D Materials         CTURAL AND FUNCTONAL MATERIALS         Additive Manufacturing—From Material Design to Emerging Applications         Crystallization and Assembly at Interfaces—	S, 5th Floor, The Fens         H, Level 3, Room 303 - Joint Session - Room Change         S, 5th Floor, Jamaica Pond         S, 5th Floor, Riverway         H, Level 1, Room 105         H, Level 1, Room 105         H, Level 1, Room 101         H, Level 1, Room 109 - Room Change         H, Level 1, Room 103         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 103 - Joint Session         H, Level 1, Room 105         H, Level 1, Room 104         H, Level 1, Room 105         H, Level 2, Room 209         H, Level 1, Room 101 - Room Change         S, 2nd Floor, Republic B         H, Level 2, Room 200 - Room Change         S, 2nd Floor, Republic A         H, Level 3, Room 302 - Joint Session - Room Change         S, 2nd Floor, Back Bay C         H, Level 2, Room 202 - Room Change         S, 2nd Floor, Independence East		D     D      D	D           D	D           M           D           M           D           M           D           D           D           D           M           D           D           D           M           D           M           A           D	Image: Constraint of the sector of	

## **EXHIBITOR LISTINGS**

Exhibit Hours Tuesday | 11:00 am–6:00 pm Wednesday | 10:00 am–6:00 pm Thursday | 10:00 am–1:00 pm

1-Material Inc.	417
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Edinburgh Instruments Ltd. 501 Edwards Vacuum 1012 Electron Microscopy Sciences 500 Elsevier - Materials Today 605 Enlitech 812 epiray GmbH 220 FemtoTools AG 809 Fine Metals Corporation 323 FlackTek SpeedMixer® 102 Gamry Instruments 421 Gatan EDAX Geowell Vacuum Co., Ltd. Glenn T. Seaborg Institute - Idaho National Laboratory 401 712 224 924 Glines & Rhodes, Inc. Great Lakes Crystal Technologies 1105 Heidelberg Instruments 922 425 Hitachi High-Tech America HORIBA Scientific 517 HÜBNER Photonics 819 Hummingbird Scientific 1003 ICDD (International Centre for 324 Diffraction Data) 205 Innolas Laser, Inc. Instec, Inc. IOP Publishing 702 301 J.A. Woollam 624 JASCO 405 JEOL US, Inc. 1000 Johns Hopkins University, Department of Materials Science and Engineering 229 Kaufman and Robinson 610 1005 Keysight kiutra GmbH 818 **KLA Corporation** 503 Kleindiek Nanotechnik 305 5 Korea Kiyon Co., Ltd. 800

Korvus Technology	709
KP Technology USA Inc.	209
k-Space Associates, Inc.	804
Kurt J. Lesker Company	201
Labconco Corporation	509
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MERGE Chemistry	611
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MRS -Springer Nature Publications	723
MTI Corporation	901
MUEGGE-GERLING	1001
Naieel Technology	319
Nano Dimension	1104
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Nanoscribe Inc.	912
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