

DAILY SCHEDULE OF EVENTS

SUNDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	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
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 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
Technical Program Support Desk	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 6:00 pm
Symposium Session NM05	Hynes, Level 2, Room 207	8:00 am - 12:00 pm
TUTORIAL SESSION Tutorial MT00—Machine Learning in Materials Science—From Basic Concepts to Active Learning	Hynes, Level 2, Room 210	8:00 am - 5:30 pm
TUTORIAL SESSION Tutorial NM07—Building Advanced Materials via Aggregation and Self-Assembly	Hynes, Level 2, Room 201	8:30 am - 5:00 pm
TUTORIAL SESSION Tutorial EL02—Advanced Memory and Computing Technologies Based on Phase-Change Materials	Hynes, Level 2, Room 203	9:00 am - 4:00 pm
TUTORIAL SESSION Tutorial NM04—Exploring the Properties and Applications of Freestanding Membranes—From 2D to 3D	Hynes, Level 2, Room 204	9:00 am - 4:00 pm
Coffee Break	Hynes, Level 2, Boylston Street Corridor	9:30 am - 10:30 am
PROFESSIONAL DEVELOPMENT Workshop Hosted by the Women in MS&E Community—Understanding the Spectrum of Conflict and Learning Effective Response Strategies Angeliki Artemis Rigos , Epistimi, Inc.	Sheraton, 3rd Floor, Commonwealth	1:00 pm - 3:30 pm
Symposia Session EL07	Hynes, Level 2, Room 208	1:30 pm - 5:30 pm
TUTORIAL SESSION Tutorial EL08—Diamond Surfaces for Advanced Electronic and Quantum Applications	Hynes, Level 2, Room 207	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial NM01—An Introduction to Single-Walled Carbon Nanotube Separations and Optical Characterization	Hynes, Level 2, Room 200	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial QT04—Fundamentals of Molecular Quantum Systems	Hynes, Level 2, Room 202	1:30 pm - 5:00 pm
TUTORIAL SESSION Tutorial SB13—Design and Testing Considerations for Next-Generation Materials for Extreme Environments	Hynes, Level 2, Room 206	1:30 pm - 4:15 pm
Coffee Break	Hynes, Level 2, Boylston Street Corridor	2:30 pm - 3:30 pm
PROFESSIONAL DEVELOPMENT Essentials of Getting Your Work Published	Hynes, Level 2, The Hub Stage - Hall D	5:00 pm - 6:30 pm

MONDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	6:00 am - 10:00 pm
MRS Help Center—Hynes	Hynes, Level 2, Boylston Street Corridor	7:00 am - 5:30 pm
MRS Help Center—Sheraton	Hynes, Level 1, Prudential Foyer	7:00 am - 7:00 pm
Registration	Hynes, Level 1, Prudential Foyer	7:00 am - 5:00 pm

MONDAY

EVENT TITLE	LOCATION	EVENT TIME
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 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 HALL EVENT Exhibitor Registration	Hynes, Level 1, Prudential Foyer	8:00 am - 5:00 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 6:00 pm
Plenary Session Featuring The Fred Kavli Distinguished Lectureship in Materials Science <i>Quantum Dots—A Journey of Nano-Explorations</i> Moungi G. Bawendi , Massachusetts Institute of Technology	Sheraton, 2nd Floor, Grand Ballroom	8:15 am - 9:30 am
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
Technical Program Support Desk	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 <i>Unconventional Applications of Atomic Materials from Nonvolatile Electronics to Wearable Health and Ion Transport</i> Deji Akinwande , The University of Texas at Austin	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
Diversifying Materials Special Interest Groups (SIG) Speed Networking	Sheraton, 2nd Floor, Constitution B	5:30 pm - 6:45 pm
EDUCATION & OUTREACH Materials Needs for Energy Sustainability by 2050: Advancing Next-Generation Energy Storage Systems with Artificial Intelligence/ Machine Learning (AI/ML)	Sheraton, 2nd Floor, Constitution A	5:30 pm - 7:00 pm

TUESDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	6:00 am - 10:00 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
DIVERSITY, EQUITY AND INCLUSION Women in Materials Science & Engineering Keynote Breakfast Talk <i>Leading with Purpose—How Materials Science Can Shape Futures and Communities</i> Karen Lozano , The University of Texas Rio Grande Valley	Sheraton, 2nd Floor, Constitution B	7:00 am - 8:30 am
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 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
Technical Program Support Desk	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	8:00 am - 6:30 pm
EXHIBIT HALL EVENT Exhibitor Registration	Hynes, Level 1, Prudential Foyer	8:00 am - 5:00 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 6:00 pm

TUESDAY

EVENT TITLE	LOCATION	EVENT TIME
Poster ID Pickup and Display (Tuesday Only)	Hynes, Level 1, Prudential Foyer	9:00 am - 5:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
DIVERSITY, EQUITY AND INCLUSION Navigating Unconscious Bias	Sheraton, 5th Floor, Boston Common	9:30 am - 10:30 am
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	10:30 am - 5:00 pm
PROFESSIONAL DEVELOPMENT Career Fair—Free U.S. Green Card Evaluations	Hynes, Level 2, Hall D	11:00 am - 6:00 pm
PROFESSIONAL DEVELOPMENT Career Fair—Resume Critiques, Mock Interviews	Hynes, Level 2, Hall D	11:00 am - 6:00 pm
EXHIBIT HALL EVENT MRS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	11:00 am - 6:00 pm
EDUCATION & OUTREACH NSF Division of Materials Research (DMR) Speed Coaching and Information Sharing Science as Art Viewing and Voting	Hynes, Level 2, Hall D	11:00 am - 6:00 pm
PROFESSIONAL DEVELOPMENT Green Cards for Scientific Researchers—How to Win Your EB-1/NIW Case!	Hynes, Level 2, The Hub Stage - Hall D	12:00 pm - 1:00 pm
PROFESSIONAL DEVELOPMENT Graduate Student Awards Special Talk Session 1	Marriott, 1st Floor, Boylston	12:15 pm - 3:00 pm
PROFESSIONAL DEVELOPMENT Graduate Student Awards Special Talk Session 2	Marriott, 1st Floor, Tremont	12:15 pm - 3:15 pm
Symposium X —MRS/The Kavli Foundation Frontiers of Materials <i>Engineering Qubits in Silicon with Atomic Precision</i> Michelle Simmons , University of New South Wales	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
ADVOCACY MRS/Optica Congressional Fellowship Information	Hynes, Level 2, The Hub Stage - Hall D	1:00 pm - 2:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
Diversifying Materials Special Interest Groups (SIG) Speed Networking	Sheraton, 2nd Floor, Constitution B	5:30 pm - 6:45 pm
EXHIBIT HALL EVENT A New England Autumn Break—Exhibit Hall Break	Hynes, Level 2, Exhibit Hall C	2:30 pm - 3:30 pm
Exhibitor Workshop—A Configurable Micro-CT System for Phase Contrast and Spectral Imaging	Hynes, Level 2, The Hub Stage - Hall D	2:40 pm - 3:00 pm
Exhibitor Workshop—Inteleg® OES: Enabling Autonomous Materials Discovery	Hynes, Level 2, The Hub Stage - Hall D	3:05 pm - 3:25 pm
Exhibitor Workshop—Intensity Spike Filtering in Simultaneous Multi-Angle Dynamic Light Scattering (MADLS)	Hynes, Level 2, The Hub Stage - Hall D	4:00 pm - 4:20 pm
EDUCATION & OUTREACH Advancing Both Materials Science and Cancer Research Through NSF/NCI Partnership	Hynes, Level 2, Room 204	5:30 pm - 7:00 pm
Poster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Best Poster Award Winner Announcement	Hynes, Level 1, Hall A	8:30 pm - 8:45 pm

WEDNESDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	6:00 am - 10:00 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 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
Technical Program Support Desk	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 6:00 pm
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	8:00 am - 5:00 pm

WEDNESDAY

EVENT TITLE	LOCATION	EVENT TIME
Poster ID Pickup and Display (Wednesday Only)	Hynes, Level 1, Prudential Foyer	9:00 am - 5:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
PROFESSIONAL DEVELOPMENT Career Fair—Free U.S. Green Card Evaluations	Hynes, Level 2, Hall D	10:00 am - 6:00 pm
PROFESSIONAL DEVELOPMENT Career Fair—Resume Critiques, Mock Interviews	Hynes, Level 2, Hall D	10:00 am - 6:00 pm
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	10:00 am - 5:00 pm
EXHIBIT HALL EVENT Exhibitor Registration	Hynes, Level 1, Prudential Foyer	10:00 am - 5:00 pm
AWARDS MRS Award Recipients—Lightning Talks and Panel Discussion	Hynes, Level 2, The Hub Stage - Hall D	10:00 am - 11:30 am
EXHIBIT HALL EVENT MRS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
EDUCATION & OUTREACH NSF Division of Materials Research (DMR) Speed Coaching and Information Sharing Science as Art Viewing and Voting	Hynes, Level 2, Hall D	10:00 am - 6:00 pm
Symposium X —MRS/The Kavli Foundation Frontiers of Materials <i>AI-Enabled Design of Sustainable Polymeric Materials</i> Juan J. de Pablo , New York University	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
EDUCATION & OUTREACH NSF Division of Materials Research – The Year in Review and a Brief Look Forward	Hynes, Level 2, The Hub Stage - Hall D	12:30 pm - 1:30 pm
Exhibitor Workshop—Graphing and Analysis with OriginPro	Hynes, Level 2, The Hub Stage - Hall D	2:00 pm - 3:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
EXHIBIT HALL EVENT Winter Warm-up—Exhibit Hall Break	Hynes, Level 2, Exhibit Hall C	2:30 pm - 3:30 pm
Exhibitor Workshop—Multi-Sigma: An Integrated AI Platform for Simultaneous Prediction and Optimization of Multiple Target Objectives	Hynes, Level 2, The Hub Stage - Hall D	3:05 pm - 3:25 pm
PROFESSIONAL DEVELOPMENT Meet The New Faculty Candidates Poster Session	Hynes, Level 2, Hall D	5:00 pm - 7:00 pm
AWARDS Featured Award Talks—David Turnbull Lectureship and Von Hippel Award Talk <i>A Theory of Entropic Bonding in Colloidal Crystals</i> Sharon C. Glotzer , University of Michigan <i>Topology and Chirality</i> Claudia Anna-Maria Felser , Max Planck Institute for Chemical Physics of Solids	Sheraton, 2nd Floor, Constitution A	5:30 pm - 7:00 pm
Translating AI from Materials Research from the Lab to Industry—Panel Discussion	Hynes, Level 2, Room 210	5:30 pm - 7:00 pm
NSF PREM Student Welcome (PREM Students Only)	Sheraton, 2nd Floor, Constitution B	7:00 pm - 8:00 pm
Poster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Best Poster Award Winner Announcement	Hynes, Level 1, Hall A	8:30 pm - 8:45 pm

THURSDAY

EVENT TITLE	LOCATION	EVENT TIME
Meditation Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	6:00 am - 10:00 pm
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 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

THURSDAY

EVENT TITLE	LOCATION	EVENT TIME
Technical Program Support Desk	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	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 ID Pickup and Display (Thursday Only)	Hynes, Level 1, Prudential Foyer	9:00 am - 5:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	9:30 am - 10:30 am
EXHIBIT HALL EVENT Exhibit Management Show Office	Hynes, Level 2, Exhibit Hall C	10:00 am - 5:00 pm
EXHIBIT HALL EVENT Exhibitor Registration	Hynes, Level 1, Prudential Foyer	10:00 am - 12:00 pm
EXHIBIT HALL EVENT MRS/Springer Nature Publications Booth	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EDUCATION & OUTREACH NSF Division of Materials Research (DMR) Speed Coaching and Information Sharing Science as Art Viewing and Voting	Hynes, Level 2, Hall D	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Science Meets Art with Espresso! Exhibitor Registration	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
Exhibitor Workshop—Advanced Materials Research Applications Using KLA Instruments™ Metrology	Hynes, Level 2, The Hub Stage - Hall D	10:10 am - 10:30 am
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 <i>Teaching Machines to Solve Global Challenges. One Atom at a Time</i> Mitra Taheri , Johns Hopkins University	Sheraton, 2nd Floor, Grand Ballroom	12:15 pm - 1:15 pm
ADVOCACY MRS/Optica Congressional Fellowship Information	Hynes, Level 2, The Hub Stage - Hall D	1:00 pm - 2:00 pm
Coffee Breaks	Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	2:30 pm - 3:30 pm
Pitch-Your-Startup Workshop	Sheraton, 2nd Floor, Constitution B	5:00 pm - 6:30 pm
PowerPoint™ Karaoke	Sheraton, 2nd Floor, Constitution B	6:30 pm - 8:30 pm
DIVERSITY, EQUITY AND INCLUSION NSF PREM Research Scholars Summit Poster Session	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Poster Session—Attendee Viewing	Hynes, Level 1, Hall A	8:00 pm - 10:00 pm
Best Poster Award Winner Announcement	Hynes, Level 1, Hall A	8:30 pm - 8:45 pm

FRIDAY

EVENT TITLE	LOCATION	EVENT TIME
MRS Help Center—Sheraton	Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 5:30 pm
DIVERSITY, EQUITY AND INCLUSION Inclusive Connections Lounge	Hynes, Level 3, Room 303	7:30 am - 6:30 pm
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 - 5:00 pm
Symposium Assistant Check-In	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Technical Program Support Desk	Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Mother's Nursing Pod	Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Mother's Room	Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 3:00 pm
Symposium Sessions	Hynes, Level 1, 2 & 3 Sheraton, 2nd Floor, Back Bay A	8:00 am - 5:00 pm
Forum on the Future of Synthesis	Sheraton, 2nd Floor, Back Bay A	8:30 am - 5:00 pm
Coffee Break	Hynes, Level 1, 2 & 3	9:30 am - 10:30 am
PROFESSIONAL DEVELOPMENT Financial Literacy for Engineers	Sheraton, 2nd Floor, Constitution A	1:00 pm - 2:15 pm
PROFESSIONAL DEVELOPMENT Building Your Career Skillset: Elevator Pitch and Interview Skills	Sheraton, 2nd Floor, Constitution A	2:30 pm - 4:00 pm
Coffee Break	Hynes, Level 1, 2 & 3	2:30 pm - 3:30 pm

Schedule is current as of October 23, 2024. For the most up-to-date information, visit mrs.org/fall2024 or download the **MRS Meeting App**.

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Access maps of the Hynes Convention Center and Sheraton Boston Hotel.

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NO ELECTRONIC RECORDING

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SYMPOSIUM SESSIONS

TM - Tutorial Morning Only
 TA - Tutorial Afternoon Only
 TD - Tutorial All Day
 M - Morning Only
 A - Afternoon Only
 D - All Day

TITLE		LOCATION: H-HYNES S-SHERATON	S	M	T	W	TH	F
BROADER IMPACT								
BIO1	Democratizing AI in Materials Science—A Pathway to Broaden the Impact of Materials Research	S, 2nd Floor, Constitution B		D	D	D	M	
	Panel Discussion	H, Level 2, Room 204			M		A	
	Joint Session: BIO1/MT02/MT04	S, 2nd Floor, Constitution B - Panel Discussion			M			
BIO2	Early Career Development—Insights from Academia and Industry	H, Level 3, Room 304		A	D	D		
	Panel Discussion	H, Level 2, Hub Stage - Hall D - Panel Discussion				A		
CHARACTERIZATION								
CH01	<i>In Situ</i> Characterization During Thin-Film Processing	S, 3rd Floor, Hampton		D	D	D		
CH02	Recent Advancements in Characterization and Modeling of Electrochemical Interfaces	S, 3rd Floor, Gardner		A	D	D	D	
CH03	Towards Quantitative Characterization of Soft Materials by Scanning Probe Microscopy—Beyond Imaging	S, 3rd Floor, Tremont H, Level 3, Room 300				D	D	
CH04	Advanced Characterization Techniques and Methodologies for Battery Materials	S, 3rd Floor, Commonwealth		D	D	D	D	
CH05	Frontiers of Imaging and Spectroscopy in Transmission Electron Microscopy	S, 3rd Floor, Fairfax B		D	D	D	D	
CH06	Exploring Fast and Ultrafast Dynamics of Matter with Electrons and Photons	S, 3rd Floor, Fairfax A		D	D	D	D	
CH07	Cryogenic Electron Microscopy and Correlative Characterization Techniques for Quantum and Energy Materials Research	S, 3rd Floor, Tremont		D	D			
ELECTRONICS, OPTICS AND PHOTONICS								
EL01	Low-Dimensional Luminescent Materials and Devices	S, 2nd Floor, Back Bay B		D	D	D	D	
EL02	Tutorial: Advanced Memory and Computing Technologies Based on Phase-Change Materials	H, Level 2, Room 203 - Tutorial	TD					
	Phase-Change Materials for Brain-like Computing, Embedded Memory and Photonic Applications	S, 2nd Floor, Republic A		D	D	M	D	
EL03	2D Materials—Nanofabrication and Applications	S, 2nd Floor, Back Bay C		D	D	D	D	
		H, Level 3, Room 302						D
EL04	Recent Advances in Hybrid Perovskites	S, 2nd Floor, Republic B		D	M	D	D	
	Joint Session: EL04/QT01	H, Level 1, Room 102						M
EL05	Materials and Devices for Neuromorphics, Biohybrid Systems and Smart Sensing	S, 2nd Floor, Republic B - Joint Session			A			
		S, 2nd Floor, Independence West		D	D	D	D	
EL06	2D Atomic and Molecular Sheets Beyond Graphene—Optical Properties, Optoelectronics and Quantum Optics	S, 2nd Floor, Independence East		A	D	D	D	
		H, Level 1, Room 104						D
EL07	Emerging Material Platforms and Fundamental Approaches for Plasmonics, Nanophotonics and Metasurfaces	S, 2nd Floor, Back Bay D		D	D	D	D	
		H, Level 2, Room 208						D
EL08	Tutorial: Diamond Surfaces for Advanced Electronic and Quantum Applications	H, Level 2, Room 207 - Tutorial	TA					
	Diamond Functional Devices—From Material to Applications	S, 2nd Floor, Back Bay A		D	D	D	M	
	Joint Session: EL08/QT04	S, 2nd Floor, Back Bay A - Joint Session		A	M	M		
ENERGY AND SUSTAINABILITY								
EN01	Light-Harvesting Materials for Efficient and Stable Solar Fuels Production	H, Level 3, Room 300		D	D	D	D	
EN02	Thin Film Chalcogenides for Energy Applications	H, Level 1, Room 107		D	D	D	M	
EN03	Emergent Properties in Actinide Materials—Enabling Next-Generation Nuclear Energy Applications	S, 3rd Floor, Huntington		D	M	M	M	
EN04	Phase Change Materials for Energy Conversion and Storage	H, Level 1, Room 108		D	D	D	D	
EN05	Electrodes for Chemical and Energy Conversion Technologies	H, Level 3, Ballroom B			D	D	D	D
EN06	Redox Flow-Based Electrochemical Systems	H, Level 3, Room 307		A	D	D		
EN07	Multijunction Devices for Solar Energy Conversion	H, Level 3, Room 301			D	D	D	
EN08	Materials Design and Discovery for Next-Generation Energy Storage Systems	H, Level 3, Ballroom C		D	D	D	D	D
EN09	Innovations in Materials and Processes for Printed, Flexible and Stretchable Energy-Autonomous Sensing Systems	H, Level 3, Ballroom A		D	D	D	D	M
EN10	Critical Materials for Energy—Extraction, Functionality and Recycling	H, Level 1, Room 109		D	D	D	D	
EN11	Nitrogen-doped Carbon—From Fundamental Understanding to Applications in Electrochemical Devices	H, Level 3, Room 305				D	M	
EN12	Scientific Basis for Nuclear Waste Management	H, Level 3, Room 305		D	D			
MATERIALS THEORY, COMPUTATION AND DATA SCIENCE								
MT00	Tutorial: Machine Learning in Materials Science—From Basic Concepts to Active Learning	H, Level 2, Room 210 - Tutorial	TD					
MT01	Dynamics of Defects Under Extreme Environments	H, Level 2, Room 205		A	A			
MT02	Machine Learning in Action—Automated and Autonomous Experiments	H, Level 2, Room 206				A	A	M
	Joint Session: MT02/MT04/BIO1	H, Level 2, Room 209		D	D	D	D	M
MT03	Synthesis of 2D Materials—Theory and Simulation	H, Level 2, Room 210 - Joint Session				A		
		H, Level 2, Room 206		D	D			
MT04	Next-Generation AI-Catalyzed Scientific Workflow for Digital Materials Discovery	H, Level 2, Room 210		D	D	D	D	M
	Joint Session: MT04/MT02/BIO1	H, Level 2, Room 210 - Joint Session				A		
NANOMATERIALS								
NM01	Tutorial: An Introduction to Single-Walled Carbon Nanotube Separations and Optical Characterization	H, Level 2, Room 200 - Tutorial	TA					
	Nanotubes, Graphene and Related Nanostructures	H, Level 2, Room 200		D	D	D	D	D
NM02	Atomic Precision in Nanocluster Engineering	H, Level 1, Room 105		D	D	M		
NM03	Engineering Ultra-Thin Chalcogenide Films	H, Level 1, Room 104		D	D			
NM04	Tutorial: Exploring the Properties and Applications of Freestanding Membranes—From 2D to 3D	H, Level 2, Room 204 - Tutorial	TD					
	Exploring the Properties and Applications of Freestanding Membranes—From 2D to 3D	H, Level 1, Room 110		D	D	D	D	
NM05	Structural Control and Design of 2D Layered Materials and Heterostructures Toward Novel Functionalities	H, Level 2, Room 207		M	D	D	D	D
NM06	Emerging Trends in Nano- and Micro-structured Bioinspired Materials	H, Level 1, Room 103		D	D	D	D	
NM07	Tutorial: Building Advanced Materials via Aggregation and Self-Assembly	H, Level 2, Room 201 - Tutorial	TD					
	Building Advanced Materials via Aggregation and Self-assembly	H, Level 2, Room 201		D	D	D	D	D
PROCESSING, MANUFACTURING AND SYNTHESIS								
PM01	Crystal Clear—Recent Advances in Biogenic and Synthetic, Organic and Inorganic Crystallization	S, 2nd Floor, Liberty B/C		D	D	D		
PM02	Additive and Digital Manufacturing of Multifunctional Materials	S, 2nd Floor, Constitution A		D	D	D	D	
		H, Level 2, Room 203						M
PM03	Plasmas for Materials Science—Opportunities at the Interface	S, 3rd Floor, Berkeley			D	D	D	
QUANTUM MATERIALS								
QT01	Chirality and Spin in Halide Perovskites	S, 5th Floor, Jamaica Pond		D	M	D		
	Joint Session: QT01/EL04	S, 2nd Floor, Republic B - Joint Session			A			
QT02	Interfaces in Spintronics	S, 5th Floor, Public Garden		A	D	D	D	
		H, Level 1, Room 105						M
QT03	Topological Materials—Growth, Theoretical Models and Applications	S, 5th Floor, The Fens		D	D	D	D	
QT04	Tutorial: Fundamentals of Molecular Quantum Systems	H, Level 2, Room 202 - Tutorial	TA					
	Molecular Quantum Systems	S, 5th Floor, Arnold Arboretum		D	D	D		
QT05	Quantum Phenomena, Measurements and Engineering in Materials	S, 2nd Floor, Back Bay A - Joint Session		A	M	M		
		S, 5th Floor, Riverway		D	D	D	D	
SOFT MATERIALS AND BIOMATERIALS								
SB01	Electrifying Biomaterials—Frontiers of Biohybrid Devices	H, Level 2, Room 205				D	D	M
SB02	Biotronics—Soft Ionic and Electronic Devices for Biological Applications	H, Level 1, Room 102		D	D	D	D	
	Joint Session: SB02/SB04	H, Level 1, Room 102 - Joint Session				A		
SB03	Wood Nanoscience, Nanoengineering and Materials	H, Level 1, Room 111		D	D	D		
	Materials and Devices for <i>In Vitro</i> Cell—Tissue-Electronic Interfaces	H, Level 3, Room 309		D	A	M	M	
SB04	Joint Session: SB04/SB09	H, Level 3, Room 309 - Joint Session			M	A		
	Joint Session: SB04/SB02	H, Level 1, Room 102 - Joint Session			A			
SB05	Biomaterials for Regenerative Engineering	H, Level 3, Room 312			D	D	D	
SB06	2D Materials for Theranostics	H, Level 1, Room 111					D	D
		H, Level 1, Room 105				A		
SB07	3D Bioinspired Biomaterials	H, Level 1, Room 101		D	D	D	M	
SB08	Smart and Living Materials for Advanced Engineering Systems	H, Level 2, Room 202			D	D	D	M
SB09	Fundamental Processes at Electroactive Biological Interfaces	H, Level 2, Room 204		D		M	M	
	Joint Session: SB09/SB04	H, Level 3, Room 309 - Joint Session				M	A	
SB10	Soft Materials for Sensors and Actuators in e-textiles and e-skins	H, Level 3, Room 302		D	D	D	D	
SB11	Biological and Bioinspired Polymers	H, Level 3, Room 313		D	D	D	D	
SB12	Conductive Biological Materials	S, 3rd Floor, Dalton			D	D		
SB13	Tutorial: Design and Testing Considerations for Next-Generation Materials for Extreme Environments	H, Level 2, Room 206 - Tutorial	TA					
	Soft Materials for Harsh Environments	H, Level 3, Room 308		A	D	D	D	
STRUCTURAL AND FUNCTIONAL MATERIALS								
SF01	Bulk Metallic Glasses	H, Level 3, Room 310		D	D	D	D	
SF02	High Entropy Materials	H, Level 2, Room 208		D	D	D	D	
SF03	Materials for Robotics	H, Level 3, Room 306				D	D	D
SF04	Advanced Functional Materials for Extreme Conditions	H, Level 3, Room 311		D	D	D	D	M
SF05	Structural and Functional Intermetallics	H, Level 2, Room 203		D	D	D	D	
		H, Level 3, Room 306		D	D			
SF06	From Robotic Toward Autonomous Materials	H, Level 2, Room 206					M	
		S, 2nd Floor, Republic A					A	

S M T W TH F

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

Across International LLC	908	DE GRUYTER BRILL	803	J.A. Woollam	604	NanoAndMore USA Corporation	402	Princeton Scientific Corp.	404	Springer Nature	724
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