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.	PROFESSIONAL DEVELOPMENT Workshop Hosted by the Women in MS&E Community—Understanding the Spectrum of Conflict and Learning Effective Response Strategies	
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

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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

MONDAY CONTINUED

GUNTINUED		
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</i> <i>Nano-Explorations</i> Moungi G. Bawendi , Massachusetts Institute of Technology	Sheraton, 2nd Floor, Grand Ballroom	8:15 am - 9:30 am
Coffee Breaks	Coffee Breaks Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	
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 Unconventional Applications of Atomic Materials from Nonvolatile Electronics to Wearable Health and Ion Transport Deji Akinwande, The University of Texas at Austin	Symposium X—MRS/The Kavli Foundation Frontiers of Materials Unconventional Applications of Atomic Materials from Nonvolatile Electronics Grand Ballroom	
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

LOCATION	EVENT TIME
Sheraton, 2nd Floor, Meeting Planners Office (MPO1)	6:00 am - 10:00 pm
Hynes, Level 2, Boylston Street Corridor	7:00 am - 5:30 pm
Sheraton, 2nd Floor, Prudential Corridor	7:00 am - 7:00 pm
Hynes, Level 1, Prudential Foyer	7:00 am - 5:00 pm
Sheraton, 2nd Floor, Constitution B	7:00 am - 8:30 am
Hynes, Level 3, Room 303	7:30 am - 6:30 pm
Hynes, Level 3, Across from Room 300	7:30 am - 6:00 pm
Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Hynes, Level 1, Prudential Foyer	7:30 am - 5:30 pm
Hynes, Level 2, Exhibit Hall C	8:00 am - 6:30 pm
Hynes, Level 1, Prudential Foyer	8:00 am - 5:00 pm
Hynes, Level 1, Prudential Foyer	8:00 am - 6:00 pm
Sheraton, 2nd Floor, Meeting Planners Office (MPO2)	8:00 am - 6:00 pm
	Sheraton, 2nd Floor, Meeting Planners Office (MPO1) Hynes, Level 2, Boylston Street Corridor Sheraton, 2nd Floor, Prudential Corridor Hynes, Level 1, Prudential Foyer Sheraton, 2nd Floor, Constitution B Hynes, Level 3, Room 303 Hynes, Level 3, Room 300 Hynes, Level 3, Prudential Foyer Hynes, Level 1, Prudential Foyer Hynes, Level 2, Exhibit Hall C Hynes, Level 1, Prudential Foyer Hynes, Level 1, Prudential Foyer Hynes, Level 1, Prudential Foyer Sheraton, 2nd Floor,

TUESDAY CONTINUED

EVENT TITLE	LOCATION	EVENT TIME
Poster ID Pickup and Display (Tuesday Only)	Hynes, Level 1, Prudential Foyer	9:00 am - 5:00 pm
	Hynes, Level 1, 2 & 3	
Coffee Breaks	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	10:30 am - 5:00 pm
	Sheraton, 2nd, 3rd & 5th Floors	
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	Hynes, Level 2, Hall D	11:00 am - 6:00 pm
Science as Art Viewing and Voting	Hynes, Level 2, Exhibit Hall C	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 Engineering Qubits in Silicon with Atomic Precision 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
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 FOURTY AND INCLUSION		

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	
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 CONTINUED

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	
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	Hynes, Level 2, Hall D	10:00 am - 6:00 pm
Science as Art Viewing and Voting	Hynes, Level 2, Exhibit Hall C	10:00 am - 6:00 pm
Symposium X—MRS/The Kavli Foundation Frontiers of Materials Al-Enabled Design of Sustainable Polymeric Materials 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	ICATION & OUTREACH Division of Materials Research – Hynes, Level 2, The Hyne Store, Hell D	
Exhibitor Workshop— Graphing and Analysis with OriginPro	Hynes, Level 2, The Hub Stage - Hall D	2:00 pm - 3:00 pm
Coffee Breaks	offee Breaks Hynes, Level 1, 2 & 3 Sheraton, 2nd, 3rd & 5th Floors	
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 A Theory of Entropic Bonding in Colloidal Crystals Sharon C. Glotzer, University of Michigan Topology and Chirality Claudia Anna-Maria Felser, Max Planck Institute for Chemical Physics of Solids	S d Award Talks–David Turnbull ship and Von Hippel Award Talk <i>y of Entropic Bonding in Colloidal Crystals</i> C. Glotzer, University of Michigan <i>ty and Chirality</i> Anna-Maria Felser,	
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)	F PREM Student Welcome Sheraton, 2nd Floor,	
Poster Session—Attendee Viewing		
Best Poster Award Winner Announcement	Hynes, Level 1, Hall A	8:30 pm - 8:45 pm
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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 CONTINUED

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 an
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	Hynes, Level 2, Hall D	10:00 am - 1:00 pm
Science as Art Viewing and Voting	Hynes, Level 2, Exhibit Hall C	10:00 am - 1:00 pm
EXHIBIT HALL EVENT Science Meets Art with Espresso! Exhibit Hall Break	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 an
Symposium X— MRS/The Kavli Foundation Frontiers of Materials Teaching Machines to Solve Global Challenges, One Atom at a Time 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	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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Sheraton Boston Hotel.



The Standard in Measurement

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MT02 MT03 MT04 NANO

SYI	MPOSIUM SESSIONS	TM - Tutorial Morning Only TA - Tutorial Afternoon Only TD - Tutorial All Day			A		orning ernoo Day		
	TITLE	LOCATION: H	-HYNES I S-SHERATON	S	М	T	w	TH	F
BROA	DER IMPACT								
	Democratizing AI in Materials Science—A Pathway to Broaden the Impact of Materials Research	S, 2nd Floor, Const			D	D	D	Μ	
BI01		H, Level 2, Room 2				M		Α	
5.0.	Panel Discussion		titution B - Panel Discussion			M			
DIOO	Joint Session: BI01/MT02/MT04	H, Level 2, Room 2 H. Level 3, Room 3	210 - Joint Session		^		A		<u> </u>
BI02	Early Career Development—Insights from Academia and Industry	, ,			A	D	D		
СЦАВ	Panel Discussion H, Level 2, Hub Stage - Hall D - Panel Discussion ARACTERIZATION					A			
		S, 3rd Floor, Hamp	ton	1	D	D	D		
CH01 CH02	In Situ Characterization During Thin-Film Processing Recent Advancements in Characterization and Modeling of Electrochemical Interfaces	S, 3rd Floor, Gardn			A	D	D	D	
		S, 3rd Floor, Tremo			A	U	D	D	
CH03	Towards Quantitative Characterization of Soft Materials by Scanning Probe Microscopy—Beyond Imaging	H, Level 3, Room 3					U	U	D
CH04	Advanced Characterization Techniques and Methodologies for Battery Materials	S, 3rd Floor, Comn			D	D	D	D	
CH05	Frontiers of Imaging and Spectroscopy in Transmission Electron Microscopy	S, 3rd Floor, Fairfa			D	D	D	D	
CH06	Exploring Fast and Ultrafast Dynamics of Matter with Electrons and Photons	S, 3rd Floor, Fairfa			D	D	D	D	<u> </u>
								U	
CH07	Cryogenic Electron Microscopy and Correlative Characterization Techniques for Quantum and Energy Materials Researc	cii 5, 3rd Floor, Treind	JIIL		D	D			
	TRONICS, OPTICS AND PHOTONICS	O Ord Flags Dask	D D	1					
EL01	Low-Dimensional Luminescent Materials and Devices	S, 2nd Floor, Back			D	D	D	D	-
EL02	Tutorial: Advanced Memory and Computing Technologies Based on Phase-Change Materials	H, Level 2, Room 2		TD	_	-			
	Phase-Change Materials for Brain-like Computing, Embedded Memory and Photonic Applications	S, 2nd Floor, Repu			D	D	M	D	
EL03	2D Materials—Nanofabrication and Applications	S, 2nd Floor, Back			D	D	D	D	
LLUU		H, Level 3, Room 3							D
	Recent Advances in Hybrid Perovskites	S, 2nd Floor, Repu	blic B		D	M	D	D	
EL04		H, Level 1, Room 1							Μ
	Joint Session: EL04/QT01	S, 2nd Floor, Repu	blic B - Joint Session			A			
EL05	Materials and Devices for Neuromorphics, Biohybrid Systems and Smart Sensing	S, 2nd Floor, Indep	endence West		D	D	D	D	
EL06	2D Atomic and Molecular Sheets Beyond Graphene—Optical Properties, Optoelectronics and Quantum Optics	S, 2nd Floor, Indep	endence East		Α	D	D	D	
LLUU		H, Level 1, Room 1							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 2		Α					D
	Tutorial: Diamond Surfaces for Advanced Electronic and Quantum Applications	H, Level 2, Room 2	207 - Tutorial	TA					
EL08	Diamond Functional Devices—From Material to Applications	S, 2nd Floor, Back	Bay A		D	D	D	Μ	
	Joint Session: EL08/QT04	S, 2nd Floor, Back	Bay A - Joint Session		Α	M	M		
ENER	GY AND SUSTAINABILITY								
EN01	Light-Harvesting Materials for Efficient and Stable Solar Fuels Production	H, Level 3, Room 3	300		D	D	D	D	
EN02	Thin Film Chalcogenides for Energy Applications	H, Level 1, Room 1	107		D	D	D	Μ	
EN03	Emergent Properties in Actinide Materials—Enabling Next-Generation Nuclear Energy Applications	S, 3rd Floor, Huntir	ngton		D	M	M	Μ	
EN04	Phase Change Materials for Energy Conversion and Storage	H, Level 1, Room 1	08		D	D	D	D	
EN05	Electrodes for Chemical and Energy Conversion Technologies	H, Level 3, Ballrooi				D	D	D	D
EN06	Redox Flow-Based Electrochemical Systems	H, Level 3, Room 3			Α	D	D		
EN07	Multijunction Devices for Solar Energy Conversion	H, Level 3, Room 3				D	D	D	
EN08	Materials Design and Discovery for Next-Generation Energy Storage Systems	H, Level 3, Ballrooi			D	D	D	D	D
EN09	Innovations in Materials and Processes for Printed, Flexible and Stretchable Energy-Autonomous Sensing Systems	H, Level 3, Ballrooi			D	D	D	D	M
EN10	Critical Materials for Energy—Extraction, Functionality and Recycling	H, Level 1, Room 1			D	D	D	D	101
EN10	Nitrogen-doped Carbon—From Fundamental Understanding to Applications in Electrochemical Devices	H, Level 3, Room 3			U		D	M	
EN12	Scientific Basis for Nuclear Waste Management	H, Level 3, Room 3			D	D		IVI	
	RIALS THEORY, COMPUTATION AND DATA SCIENCE		000		U				
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0	Tutorial: Machine Learning in Materials Science—From Basic Concepts to Active Learning	H, Level 2, Room 210 - Tutorial	TD					
11	Dynamics of Defects Under Extreme Environments	H, Level 2, Room 205		А	Α			
, ,		H, Level 2, Room 206				Α	Α	М
10	Machine Learning in Action—Automated and Autonomous Experiments	H, Level 2, Room 209		D	D	D	D	М
12	Joint Session: MT02/MT04/BI01	H, Level 2, Room 210 - Joint Session				Α		
13	Synthesis of 2D Materials—Theory and Simulation	H, Level 2, Room 206		D	D			
14	Next-Generation AI-Catalyzed Scientific Workflow for Digital Materials Discovery	H, Level 2, Room 210		D	D	D	D	М
14	Joint Session: MT04/MT02/BI01	H, Level 2, Room 210 - Joint Session				Α		
NO	MATERIALS							
	Tutorial: An Introduction to Single-Walled Carbon Nanotube Separations and Optical Characterization	H, Level 2, Room 200 - Tutorial	TA					

NM01		to Single-Walled Carbon Nanc	otube S	Separations ar	id Optical Charac	otorizatio	//i		Level 2, F		Tutoriui		TA	D	D	D	D
, ,		d Related Nanostructures						,	Level 2, F Level 1, F					D D	D D	M	U
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NM04 Tutorial: Explorin	ng the Pr	operties and Applications of F		•		to 3D		,	,	Room 204 - 1	Tutorial		TD				
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		ience—Opportunities at the Ir	nterface	е				S,	3rd Floor,	Berkeley					D	D	D
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		MATERIALS —Frontiers of Biohybrid Devic	es					Н	Level 2, F	Room 205						D	D
SB02 Biotronics—Soft	t Ionic ar	nd Electronic Devices for Biolo		Applications					Level 1, F					D	D	D	D
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SB11 Biological and Bi	ioinspire	d Polymers						H,	Level 3, F	Room 313				D	D	D	D
SB12 Conductive Biolo	<u> </u>		ADOrat:	ion Materials	for Extrama End	ropmon	te	,	3rd Floor,	Dalton Room 206 - ⁻	Tutorial		ТА		D	D	
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