

M&M 2012 - WEEK AT A GLANCE

As of May 17, 2012 – subject to change

Friday – July 27, 2012

<i>Publications Committee Meeting</i>	8:00 AM	221AB
MSA Council Meeting	12:00 PM	221AB

Saturday – July 28, 2012

IMS Board Meeting	8:00 AM	222C
<i>IMS Poster Judging</i>	8:00 AM	222A
MSA Council Meeting	9:00 AM	221AB

Sunday – July 29, 2012

MAS Council Meeting	8:00 AM	221AB
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Sunday Short Courses

X-10	Cryo-preparation for Biological EM	8:30 AM	125A	<i>(fee)</i>
X-11	Immunolabeling Technology for Light and Electron Microscopy	8:30 AM	125B	<i>(fee)</i>
X-12	3D Electron Microscopy of Macromolecular Assemblies	8:30 AM	126A	<i>(fee)</i>
X-13	Electron Tomography in Life and Material Sciences	8:30 AM	126B	<i>(fee)</i>
X-14	Imaging and Analysis with Variable Pressure or Environmental SEM	8:30 AM	126C	<i>(fee)</i>
X-15	Scientific Digital Imaging: Ethics and Execution	8:30 AM	127A	<i>(fee)</i>
X-16	Metallography for Failure Analysis	8:30 AM	127B	<i>(fee)</i>
X-17	Transmission Electron Microscopy of Materials	8:30 AM	127C	<i>(fee)</i>

<i>MSA Membership Committee Meeting</i>	1:00 PM	222A
<i>Microscopy Today Editors' Meeting</i>	1:00 PM	223
<i>MSA Publications Committee Meeting</i>	2:30 PM	222B
<i>MaM Editors' Meeting</i>	3:00 PM	223

Sunday Evening Social Event	6:30 PM	Grand Ballroom <i>Phoenix Conv Ctr.</i>
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Monday - July 30, 2012

<i>MSA Awards Committee Meeting</i>	7:00 AM	222C
<i>Technologists' Forum Board Meeting</i>	7:00 AM	123
<i>MAM Editorial Board Meeting</i>	7:15 AM	222A

Opening Plenary Session (8:30 AM - 12:00 Noon)

North 120CD Ballroom

8:30 AM	Opening remarks	
8:45 AM	M&M Plenary Lecture – Archie Howie: "Learning From Past Epiphanies, Successes and Disappointments to Anticipate Future Progress in Microscopy"	
9:35 AM	MAS Awards Presentation	
9:50 AM	IMS Awards Presentation	
10:00 AM	<i>Coffee Break</i>	
10:30 AM	M&M Plenary Lecture – Mildred Dresselhaus: "Probing the Nanostructures of Carbon"	
11:00 AM		

<i>Exhibit Hall Opens</i>	12:00 PM	
<i>MAS Meal With a Mentor</i>	12:00 PM	224B
<i>MSA INTERNATIONAL COMMITTEE MEETING</i>	12:00 PM	121C
<i>MSA MEMBER FOCUS GROUP</i>	12:00 PM	123
<i>MSA FELLOWSHIP COMMITTEE MEETING</i>	12:15 PM	121B
<i>MSA NOMINATING COMMITTEE</i>	12:15 PM	223
<i>DIAGNOSTIC FIG MEETING</i>	12:15 PM	222C

PLATFORM SESSIONS (MONDAY AFTERNOON 1:00 PM - 3:00 PM)

X-18	IN-WEEK WORKSHOP: INTRODUCTION TO SEM IMAGING & X-RAY COMPOSITIONAL ANALYSIS	1:00 PM	221A	<i>(FEE)</i>
X-19	IN-WEEK WORKSHOP: BASIC CONFOCAL LIGHT MICROSCOPY	1:00 PM	221B	<i>(FEE)</i>
X-20	IN-WEEK WORKSHOP: NANOMATERIAL M&M -- TOOLS & PREPARATION	1:00 PM	221C	<i>(FEE)</i>
	IMS HENRY CLIFTON SORBY AWARD & LECTURE	1:30 PM	129B	
A-07	SUPER-RESOLUTION MICROSCOPY - PRINCIPLES AND PRACTICE	1:30 PM	226A	

A-08	CHANNELING EFFECTS IN MICROSCOPY AND MICROANALYSIS	1:30 PM	126A
A-11	CORRELATIVE MICROSCOPY AND CHEMICAL IMAGING	1:30 PM	227A
A-12	SURFACE AND SUBSURFACE ANALYSIS	1:30 PM	125A
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	1:30 PM	129A
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	1:30 PM	132A
A-18	ELECTRON DIFFRACTION	1:30 PM	131C
A-20	VENDOR SYMPOSIUM	1:30 PM	128A
B-04	3D STRUCTURE AND ULTRASTRUCTURE OF CELLS, ORGANELLES AND MACROMOLECULES	1:30 PM	225A
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	1:30 PM	124A
P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	1:30 PM	124B
X-30	<i>TECHNOLOGISTS' FORUM PLATFORM: MICROSCOPY TECHNIQUES IN HYDROLOGY</i>	1:30 PM	231B
X-50	<i>BIOLOGICAL SCIENCES TUTORIAL: TRACKING ENVELOPED VIRUS ENTRY BY LIVE CELL FLUORESCENCE MICROSCOPY</i>	1:30 PM	227B
	<i>TECHNOLOGISTS' FORUM BUSINESS MEETING</i>	3:00 PM	123

POSTER SESSIONS (MONDAY AFTERNOON 3:00 PM - 5:00PM)

EXHIBIT HALL

A-08	CHANNELING EFFECTS IN MICROSCOPY AND MICROANALYSIS	3:00 PM	EXHIBIT HALL
A-11	CORRELATIVE MICROSCOPY AND CHEMICAL IMAGING	3:00 PM	EXHIBIT HALL
A-12	SURFACE AND SUBSURFACE ANALYSIS	3:00 PM	EXHIBIT HALL
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	3:00 PM	EXHIBIT HALL
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	3:00 PM	EXHIBIT HALL
A-18	ELECTRON DIFFRACTION	3:00 PM	EXHIBIT HALL
A-19	VPSEM / ESEM	3:00 PM	EXHIBIT HALL
B-04	3D STRUCTURE AND ULTRASTRUCTURE OF CELLS, ORGANELLES AND MACROMOLECULES	3:00 PM	EXHIBIT HALL
B-09	BIOMEDICAL APPLICATIONS	3:00 PM	EXHIBIT HALL
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	3:00 PM	EXHIBIT HALL
P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	3:00 PM	EXHIBIT HALL

PRESENTATION OF DAILY STUDENT POSTER AWARDS

5:15 PM

EXHIBIT HALL

STUDENT MIXER

5:15 PM

121AB

VENDOR TUTORIALS (SIGN UP AT MSA MEGA Booth)

IMS ICEBREAKER

5:15 PM EXHIBIT HALL

VISIT IMS Booth FOR DETAILS

TUESDAY – AUGUST 31, 2012

<i>MSA LOCAL AFFILIATED SOCIETIES BREAKFAST</i>	7:00 AM	224B
<i>MICROSCOPY TODAY EDITORIAL BOARD MEETING</i>	7:15 AM	123
<i>MICROSCOPY IN THE CLASSROOM</i>	8:30 AM	229A

PLATFORM SESSIONS (TUESDAY MORNING 8:30 AM - 12:00 NOON)

A-07	SUPER-RESOLUTION MICROSCOPY - PRINCIPLES AND PRACTICE	8:30 AM	226A
A-08	CHANNELING EFFECTS IN MICROSCOPY AND MICROANALYSIS	8:30 AM	126A
A-11	CORRELATIVE MICROSCOPY AND CHEMICAL IMAGING	8:30 AM	227A
A-12	SURFACE AND SUBSURFACE ANALYSIS	8:30 AM	125A
A-13	MICRO X-RAY FLUORESCENCE	8:30 AM	127A
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	8:30 AM	129A
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	8:30 AM	132A
A-16	YOU NEVER STOP PAYING FOR A CAR - THE CHALLENGE OF INSTRUMENT MAINTENANCE IN AN ERA OF SHRINKING BUDGETS	8:30 AM	131A
B-04	3D STRUCTURE AND ULTRASTRUCTURE OF CELLS, ORGANELLES AND MACROMOLECULES	8:30 AM	225A
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	8:30 AM	124A
P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	8:30 AM	124B
P-06	FAILURE ANALYSIS OF STRUCTURAL MATERIALS	8:30 AM	128A
X-90	MICROSCOPY IN THE CLASSROOM: STRATEGIES FOR EDUCATION AND OUTREACH	8:30 AM	229A
	<i>FOM FIG LUNCH MEETING</i>	12:00 PM	224B
	<i>MSA DISTINGUISHED SCIENTIST AWARDEE LECTURES</i>	12:15 PM	121C
	<i>ELECTRON CRYSTALLOGRAPHY FIG</i>	1:00 PM	123

PLATFORM SESSIONS (TUESDAY AFTERNOON 1:00 PM - 3:00 PM)

X-18	<i>IN-WEEK WORKSHOP: INTRODUCTION TO SEM IMAGING & X-RAY COMPOSITIONAL ANALYSIS</i>	1:00 PM	221A	(FEE)
X-19	<i>IN-WEEK WORKSHOP: BASIC CONFOCAL LIGHT MICROSCOPY</i>	1:00 PM	221B	(FEE)
X-20	<i>IN-WEEK WORKSHOP: NANOMATERIAL M&M -- TOOLS & PREPARATION</i>	1:00 PM	221C	(FEE)
A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	1:30 PM	131A	

A-06	FOCUSED ION BEAM INSTRUMENTATION & APPLICATIONS FOR PHYSICAL AND BIOLOGICAL SCIENCES	1:30 PM	126A
A-12	SURFACE AND SUBSURFACE ANALYSIS	1:30 PM	125A
A-13	MICRO X-RAY FLUORESCENCE	1:30 PM	127A
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	1:30 PM	129A
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	1:30 PM	132A
B-04	3D STRUCTURE AND ULTRASTRUCTURE OF CELLS, ORGANELLES AND MACROMOLECULES	1:30 PM	225A
B-05	VISUALIZATION, LOCALIZATION AND DYNAMICS OF CELLULAR COMPONENTS	1:30 PM	226A
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	1:30 PM	124A
P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	1:30 PM	124B
P-03	HYBRID (SOFT-HARD) MATERIALS AND INTERFACES	1:30 PM	228A
P-06	FAILURE ANALYSIS OF STRUCTURAL MATERIALS	1:30 PM	128A
X-31	<i>TECHNOLOGISTS' FORUM SPECIAL TOPICS: CONFOCAL MICROSCOPY ACROSS THE SCIENCES</i>	1:30 PM	231B
X-51	<i>BIOLOGICAL SCIENCES TUTORIAL: ARTIFACTS IN IMMUNOLABELING</i>	1:30 PM	227B
X-52	<i>BIOLOGICAL SCIENCES TUTORIAL: CORRELATIVE LIGHT AND ELECTRON CRYO-MICROSCOPY</i>	2:30 PM	227B
X-92	Project MICRO	1:30 PM	229B
	<i>IMS GENERAL MEMBERS' MEETING</i>	3:00 PM	128
	<i>FOCUSED INTERESTS GROUP BUSINESS MEETING</i>	3:30 PM	121C
	<i>MSA EDUCATION COMMITTEE MEETING</i>	3:30 PM	123

POSTER SESSIONS (TUESDAY AFTERNOON 3:00 PM - 5:00PM)

EXHIBIT HALL

A-06	FOCUSED ION BEAM INSTRUMENTATION & APPLICATIONS FOR PHYSICAL AND BIOLOGICAL SCIENCES	3:00 PM	EXHIBIT HALL
A-13	MICRO X-RAY FLUORESCENCE	3:00 PM	EXHIBIT HALL
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	3:00 PM	EXHIBIT HALL
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	3:00 PM	EXHIBIT HALL
A-16	YOU NEVER STOP PAYING FOR A CAR - THE CHALLENGE OF INSTRUMENT MAINTENANCE IN AN ERA OF SHRINKING BUDGETS	3:00 PM	EXHIBIT HALL
B-04	3D STRUCTURE AND ULTRASTRUCTURE OF CELLS, ORGANELLES AND MACROMOLECULES	3:00 PM	EXHIBIT HALL
B-05	VISUALIZATION, LOCALIZATION AND DYNAMICS OF CELLULAR COMPONENTS	3:00 PM	EXHIBIT HALL
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	3:00 PM	EXHIBIT HALL

P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	3:00 PM	EXHIBIT HALL
P-03	HYBRID (SOFT-HARD) MATERIALS AND INTERFACES	3:00 PM	EXHIBIT HALL
P-06	FAILURE ANALYSIS OF STRUCTURAL MATERIALS	3:00 PM	EXHIBIT HALL
X-90	MICROSCOPY IN THE CLASSROOM: STRATEGIES FOR EDUCATION AND OUTREACH	3:00 PM	EXHIBIT HALL

PRESENTATION OF DAILY STUDENT POSTER AWARDS	5:15 PM	EXHIBIT HALL
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<i>VENDOR TUTORIALS (SIGN UP AT MSA MEGA-BOOTH)</i>	5:15 PM	EXHIBIT HALL
<i>SYMPOSIUM ORGANIZERS - APPRECIATION EVENT</i>	5:30 PM	222-AB
<i>PRESIDENTS' RECEPTION (BY INVITATION ONLY)</i>	6:30 PM	

WEDNESDAY – AUGUST 1, 2012

MSA CERTIFICATION BOARD 7:00 AM 223

PLATFORM SESSIONS (WEDNESDAY MORNING 8:30 AM - 12:00 NOON)

A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	8:30 AM	131A
A-02	ROBERT GRAY MEMORIAL SYMPOSIUM ON METALLOGRAPHY OF REACTIVE MATERIALS	8:30 AM	128A
A-03	TEM PHASE CONTRAST IMAGING IN BIOLOGICAL AND MATERIALS SCIENCE	8:30 AM	224A
A-06	FOCUSED ION BEAM INSTRUMENTATION & APPLICATIONS FOR PHYSICAL AND BIOLOGICAL SCIENCES	8:30 AM	126A
A-09	MEASUREMENT AND VISUALIZATION OF MECHANICAL BEHAVIOR AT MICRO AND NANO-SCALES	8:30 AM	127A
A-12	SURFACE AND SUBSURFACE ANALYSIS	8:30 AM	125A
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	8:30 AM	129A
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	8:30 AM	132A
B-03	STRUCTURE OF MEMBRANE-SHAPING PROTEINS	8:30 AM	225A
B-05	VISUALIZATION, LOCALIZATION AND DYNAMICS OF CELLULAR COMPONENTS	8:30 AM	226A
B-07	MICROSCOPY, MICROANALYSIS AND IMAGE ANALYSIS IN THE PHARMACEUTICAL SCIENCES	8:30 AM	227A
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	8:30 AM	124A
P-02	STRUCTURAL, CHEMICAL AND PHYSICAL PROPERTIES OF CARBON-BASED AND RELATED NANOMATERIALS	8:30 AM	124B
P-03	HYBRID (SOFT-HARD) MATERIALS AND INTERFACES	8:30 AM	228A

M&M 2013 PROGRAM GUIDE MEETING 9:00 AM 123

~~*M&M 2013 PROGRAM PLANNING MEETING*~~ ~~10:00 AM~~ ~~123 -C~~

MAS – ANSI TAG MEETING 11:00 AM 223

MSA MEMBERS MEETING **12:15 PM 121BC**

MAS AFFILIATED REGIONAL SOCIETIES 12:15 PM 224B

PLATFORM SESSIONS (WEDNESDAY AFTERNOON 1:00 PM - 3:00 PM)

X-18	<i>IN-WEEK WORKSHOP: INTRODUCTION TO SEM IMAGING & X-RAY COMPOSITIONAL ANALYSIS</i>	1:00 PM	221A	<i>(FEE)</i>
X-19	<i>IN-WEEK WORKSHOP: BASIC CONFOCAL LIGHT MICROSCOPY</i>	1:00 PM	221B	<i>(FEE)</i>
X-20	<i>IN-WEEK WORKSHOP: NANOMATERIAL M&M -- TOOLS & PREPARATION</i>	1:00 PM	221C	<i>(FEE)</i>
	<i>MAS EDUCATION COMMITTEE MEETING</i>	1:15 PM	223	

A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	1:30 PM	131A
A-02	ROBERT GRAY MEMORIAL SYMPOSIUM ON METALLOGRAPHY OF REACTIVE MATERIALS	1:30 PM	128A
A-03	TEM PHASE CONTRAST IMAGING IN BIOLOGICAL AND MATERIALS SCIENCE	1:30 PM	224A
A-04	3D STRUCTURE DETERMINATION IN PHYSICAL AND BIOLOGICAL SCIENCES	1:30 PM	225A
A-06	FOCUSED ION BEAM INSTRUMENTATION & APPLICATIONS FOR PHYSICAL AND BIOLOGICAL SCIENCES	1:30 PM	126A
A-09	MEASUREMENT AND VISUALIZATION OF MECHANICAL BEHAVIOR AT MICRO AND NANO-SCALES	1:30 PM	127A
A-12	SURFACE AND SUBSURFACE ANALYSIS	1:30 PM	125A
A-14	QUANTIFICATION FROM THE MICRO- TO SUB-NANO SCALES: PUSHING THE LIMITS	1:30 PM	129A
A-15	IN-SITU EXPERIMENTS IN LIQUIDS AND GASES USING ELECTRON-OPTICAL INSTRUMENTS	1:30 PM	132A
B-06	UTILIZING MICROSCOPY FOR RESEARCH AND DIAGNOSIS OF DISEASES IN HUMANS, PLANTS AND ANIMALS	1:30 PM	226A
B-08	BIOMATERIALS, BIOLOGICAL TECHNIQUES AND APPLICATIONS	1:30 PM	226C
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	1:30 PM	124A
P-03	HYBRID (SOFT-HARD) MATERIALS AND INTERFACES	1:30 PM	228A
P-05	HIGH-RESOLUTION MICROSCOPY AND MICROANALYSIS OF METEORITES, MINERALS AND AEROSOLS	1:30 PM	132C
P-07	MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES	1:30 PM	129B
X-41	<i>PHYSICAL SCIENCES TUTORIAL: A GUIDE TO EBSD FOR IN-SITU STUDIES</i>	1:30 PM	227B
X-91	<i>IT'S A FAMILY AFFAIR</i>	1:30 PM	229B

POSTER SESSIONS (WEDNESDAY AFTERNOON 3:00 PM - 5:00PM)

EXHIBIT HALL

A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	3:00 PM	EXHIBIT HALL
A-02	ROBERT GRAY MEMORIAL SYMPOSIUM ON METALLOGRAPHY OF REACTIVE MATERIALS	3:00 PM	EXHIBIT HALL
A-09	MEASUREMENT AND VISUALIZATION OF MECHANICAL BEHAVIOR AT MICRO AND NANO-SCALES	3:00 PM	EXHIBIT HALL
B-03	STRUCTURE OF MEMBRANE-SHAPING PROTEINS	3:00 PM	EXHIBIT HALL
B-06	UTILIZING MICROSCOPY FOR RESEARCH AND DIAGNOSIS OF DISEASES IN HUMANS, PLANTS AND ANIMALS	3:00 PM	EXHIBIT HALL
B-07	MICROSCOPY, MICROANALYSIS AND IMAGE ANALYSIS IN THE PHARMACEUTICAL SCIENCES	3:00 PM	EXHIBIT HALL
B-08	BIOMATERIALS, BIOLOGICAL TECHNIQUES AND APPLICATIONS	3:00 PM	EXHIBIT HALL
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	3:00 PM	EXHIBIT HALL
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P-05	HIGH-RESOLUTION MICROSCOPY AND MICROANALYSIS OF METEORITES, MINERALS AND	3:00 PM	EXHIBIT HALL

AEROSOLS

P-07 MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES 3:00 PM EXHIBIT HALL

PRESENTATION OF DAILY STUDENT POSTER AWARDS 5:15 PM EXHIBIT HALL

MAS BUSINESS MEETING 5:15 PM 121BC

VENDOR TUTORIALS (SIGN UP AT MSA MEGA Booth) 5:15 PM EXHIBIT HALL

IMS AWARDS BANQUET (INQUIRE AT IMS Booth) 6:30 PM

MAS MEMBERS SOCIAL (INQUIRE AT MAS Booth) 6:30 PM

THURSDAY – AUGUST 2, 2012

M&M SUSTAINING MEMBERS MEETING

7:30 AM 224B

PLATFORM SESSIONS (THURSDAY MORNING 8:30 AM - 10:00 AM)

A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	8:30 AM	131A
A-03	TEM PHASE CONTRAST IMAGING IN BIOLOGICAL AND MATERIALS SCIENCE	8:30 AM	224B
A-04	3D STRUCTURE DETERMINATION IN PHYSICAL AND BIOLOGICAL SCIENCES	8:30 AM	225A
A-05	LASER MEDIATED PROCESSES FOR HIGH-CONTRAST, HIGH-RESOLUTION, ULTRAFAST AND IN-SITU TEM	8:30 AM	125A
A-09	MEASUREMENT AND VISUALIZATION OF MECHANICAL BEHAVIOR AT MICRO AND NANO-SCALES	8:30 AM	127A
A-10	HELIUM ION MICROSCOPY	8:30 AM	126A
B-02	MICROSCOPY AND ANALYSIS IN FORENSIC SCIENCE	8:30 AM	227A
B-06	UTILIZING MICROSCOPY FOR RESEARCH AND DIAGNOSIS OF DISEASES IN HUMANS, PLANTS AND ANIMALS	8:30 AM	226A
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	8:30 AM	124A
P-03	HYBRID (SOFT-HARD) MATERIALS AND INTERFACES	8:30 AM	228A
P-04	MICROSCOPY AND MICROANALYSIS OF JOINING AND COATING MATERIALS	8:30 AM	132A
P-05	HIGH-RESOLUTION MICROSCOPY AND MICROANALYSIS OF METEORITES, MINERALS AND AEROSOLS	8:30 AM	132C
P-07	MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES	8:30 AM	129B
P-08	METALS AND CERAMICS	8:30 AM	131C

POSTER SESSIONS (THURSDAY AFTERNOON 10:00 AM - 12:00NOON)

EXHIBIT HALL

A-03	TEM PHASE CONTRAST IMAGING IN BIOLOGICAL AND MATERIALS SCIENCE	10:00 AM	EXHIBIT HALL
A-04	3D STRUCTURE DETERMINATION IN PHYSICAL AND BIOLOGICAL SCIENCES	10:00 AM	EXHIBIT HALL
A-05	LASER MEDIATED PROCESSES FOR HIGH-CONTRAST, HIGH-RESOLUTION, ULTRAFAST AND IN-SITU TEM	10:00 AM	EXHIBIT HALL
A-10	HELIUM ION MICROSCOPY	10:00 AM	EXHIBIT HALL
A-17	DETECTORS, CORRECTORS, AND ANALYSIS METHODS	10:00 AM	EXHIBIT HALL
B-01	MICROBIAL BIOFILMS - THE GOOD, THE BAD, AND THE UGLY	10:00 AM	EXHIBIT HALL
B-02	MICROSCOPY AND ANALYSIS IN FORENSIC SCIENCE	10:00 AM	EXHIBIT HALL
P-01	ELECTRON MICROSCOPY/SPECTROSCOPY OF ENERGY-RELATED MATERIALS	10:00 AM	EXHIBIT HALL
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P-07	MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES	10:00 AM	EXHIBIT HALL

P-08	METALS AND CERAMICS	10:00 AM	EXHIBIT HALL
P-08	METALS AND CERAMICS	10:00 AM	EXHIBIT HALL
X-81	LATE BREAKING POSTER SESSION	10:00 AM	EXHIBIT HALL

PRESENTATION OF DAILY STUDENT POSTER AWARDS	12:00 PM	EXHIBIT HALL
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<i>MSA STANDARDS COMMITTEE MEETING</i>	12:00 PM	223
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<i>MSA NANOTECHNOLOGY COMMITTEE MEETING</i>	12:30 PM	123
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PLATFORM SESSIONS (THURSDAY AFTERNOON 1:00 PM - 3:30 PM)

X-18	<i>IN-WEEK WORKSHOP: INTRODUCTION TO SEM IMAGING & X-RAY COMPOSITIONAL ANALYSIS</i>	1:00 PM	221A	(FEE)
X-19	<i>IN-WEEK WORKSHOP: BASIC CONFOCAL LIGHT MICROSCOPY</i>	1:00 PM	221B	(FEE)
X-20	<i>IN-WEEK WORKSHOP: NANOMATERIAL M&M -- TOOLS & PREPARATION</i>	1:00 PM	221C	(FEE)
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B-01	MICROBIAL BIOFILMS - THE GOOD, THE BAD, AND THE UGLY	1:30 PM	227A	
B-06	UTILIZING MICROSCOPY FOR RESEARCH AND DIAGNOSIS OF DISEASES IN HUMANS, PLANTS AND ANIMALS	1:30 PM	226A	
P-04	MICROSCOPY AND MICROANALYSIS OF JOINING AND COATING MATERIALS	1:30 PM	132A	
P-05	HIGH-RESOLUTION MICROSCOPY AND MICROANALYSIS OF METEORITES, MINERALS AND AEROSOLS	1:30 PM	132C	
P-07	MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES	1:30 PM	129B	
P-08	METALS AND CERAMICS	1:30 PM	131C	

PLATFORM SESSIONS (THURSDAY AFTERNOON 3:30 PM - 5:00 PM)

A-01	APPLICATIONS OF ABERRATION-CORRECTED STEM AND SEM	3:30 PM	131A	
A-04	3D STRUCTURE DETERMINATION IN PHYSICAL AND BIOLOGICAL SCIENCES	3:30 PM	225A	
A-05	LASER MEDIATED PROCESSES FOR HIGH-CONTRAST, HIGH-RESOLUTION, ULTRAFAST AND IN-SITU TEM	3:30 PM	125A	
A-09	MEASUREMENT AND VISUALIZATION OF MECHANICAL BEHAVIOR AT MICRO AND	3:30 PM	127A	

NANO-SCALES

A-10	HELIUM ION MICROSCOPY	3:30 PM	126A
A-17	DETECTORS, CORRECTORS, AND ANALYSIS METHODS	3:30 PM	128A
B-01	MICROBIAL BIOFILMS - THE GOOD, THE BAD, AND THE UGLY	3:30 PM	227A
B-06	UTILIZING MICROSCOPY FOR RESEARCH AND DIAGNOSIS OF DISEASES IN HUMANS, PLANTS AND ANIMALS	3:30 PM	226A
P-04	MICROSCOPY AND MICROANALYSIS OF JOINING AND COATING MATERIALS	3:30 PM	132A
P-05	HIGH-RESOLUTION MICROSCOPY AND MICROANALYSIS OF METEORITES, MINERALS AND AEROSOLS	3:30 PM	132C
P-07	MICROSCOPY AND ANALYSIS OF QUANTUM STRUCTURES AND DEVICES	3:30 PM	129B
P-08	METALS AND CERAMICS	3:30 PM	131C

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