

# FRIDAY, JULY 22, 2016

All events are located at the Greater Columbus Convention Center unless otherwise noted.

8:30 AM – 5:00 PM	MSA Council	Hyatt–Marion
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# SATURDAY, JULY 23, 2016

8:30 AM – 5:00 PM	MSA Council	Hyatt–Marion
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# SUNDAY, JULY 24, 2016

8:30 AM – 5:00 PM	IMS Board of Directors	E161-A
8:30 AM – 5:00 PM	<b>Sunday Short Courses</b>	
	X10 – Cryo-Preparation for Biological EM	C110
	X11 – Electron Cryotomography Image Processing Using RELION	C111
	X12 – Imaging and Analysis with Variable Pressure or Environmental SEM	C112
	X13 – Practical Considerations for Image Analysis and Use of ImageJ/Fiji	C113
	X14 – Advanced Focused Ion Beam Methods	C114
	X15 – Nanomaterial Microscopy & Microanalysis: Tools and Preparation	C115
8:30 AM – 5:00 PM	<b>Pre-Meeting Congress 1</b> <i>(Organized by the Electron Crystallography and Automated Mapping Methods Focused Interest Group)</i> <b>Exploiting the Diffractive Properties of Electrons for Solving Materials Problems</b>	C210-211-212
8:30 AM – 5:00 PM	<b>Pre-Meeting Congress 2</b> <i>(Organized by the Atom Probe Field Ion Microscopy Focused Interest Group)</i> <b>Essentials of Atom Probe Tomography</b>	C213-214-215
8:30 AM – 5:00 PM	IMS Poster Judging	E160-A
9:00 AM – 5:00 PM	MAS Council	Hyatt–Marion
1:00 PM – 2:45 PM	Microscopy Today Editors	Eisenman & Trott
6:30 PM – 9:00 PM	Sunday Evening Social Event	Hyatt–Regency Ballroom (2 <sup>nd</sup> Level)

# MONDAY, JULY 25, 2016

7:15 AM – 8:15 AM	MSA Awards & Fellows Committees	Eisenman & Trott
7:15 AM – 8:15 AM	Technologists' Forum Board	C125
7:15 AM – 8:15 AM	MaM Editorial Board	C223
8:30 AM – 12:00 PM	<b>M&amp;M 2016 Plenary Session</b>	Union Station Ballroom
	Opening Welcome	
	PLENARY TALK #1: <b>Drew Berry</b> , Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia <i>Beyond the Limits of Microscopy: Revealing the Unseeable through Hollywood Visual Effects</i>	
	MAS Awards Presentation	
	IMS Awards Presentation	
	Coffee & Donuts Break	
	MSA Awards Presentation	
	M&M Meeting Awards Presentation	
	PLENARY TALK #2: <b>Mark Miodownik</b> , University College London, UK <i>New Materials for the 21st Century</i>	

# MONDAY, JULY 25, 2016 *continued*

12:00 PM – 1:30 PM	<b>Lunch Break</b>	
12:00 PM – 5:30 PM	<b>Exhibit Hall Open</b>	Exhibit Hall CD
12:15 PM – 1:15 PM	<b>MAS Meal with a Mentor</b>	Eisenman & Trott
12:15 PM – 1:15 PM	<b>Instrumentation Grant Writing Roundtable Lunch</b> <i>Organized by FOM FIG</i>	C226
12:15 PM – 1:15 PM	<b>FIG: Diagnostic Microscopy</b>	C125
12:15 PM – 1:15 PM	<b>FIG: MicroAnalytical Standards</b>	C220
12:15 PM – 1:15 PM	<b>FIG: Focused Ion Beam</b>	C221
12:15 PM – 1:15 PM	<b>FIG: Atom Probe Field Ion Microscopy</b>	C222
1:30 PM – 3:00 PM	<b>PM Symposia &amp; Sessions</b>	
	X99 – IMS Henry Clifton Sorby Award & Lecture	C123-124
	A04 – Advances in FIB Instrumentation and Applications in Materials and Biological Sciences	C214
	A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis	C224-225
	A11 – Advances in Scanning Electron/Ion Instrumentation and Detectors	C121-122
	A15 – Quantitative Measurement of Intensities and Distances in Electron Microscopy	C212
	B01 – Nanostructured Scaffolds for Regenerative MedicineM	C110
	B07 – 3D Structures of Macromolecular Assemblies, Cellular Organelles and Whole Cells	C115
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	E160
	P06 – Magnetic Materials, Phenomena and Imaging at the Nanoscale	C213
	P09 – From Angstrom to AU: Studies of Planet-Forming Material	C113
2:30 PM – 3:00 PM	<b>IMS General Members' Meeting</b>	C123-124
3:00 PM – 5:00 PM	<b>Monday Poster Presentations</b>	Exhibit Hall CD
	A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis	
	A11 – Advances in Scanning Electron/Ion Instrumentation and Detectors	
	A15 – Quantitative Measurement of Intensities and Distances in Electron Microscopy	
	B07 – 3D Structures of Macromolecular Assemblies, Cellular Organelles and Whole Cells	
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	
	P06 – Magnetic Materials, Phenomena and Imaging at the Nanoscale	
	P09 – From Angstrom to AU: Studies of Planet-Forming Material	
	Post-Deadline Posters will be presented on Monday	
3:30 PM – 4:30 PM	<b>Technologists' Forum Business Meeting</b>	C125
4:15 PM – 5:15 PM	<b>MSA-CUP Book Series Advisory Board Meeting</b>	C221
5:00 PM – 5:30 PM	<b>Student Poster Awards — Exhibit Hall Poster Stage</b>	Exhibit Hall CD
5:30 PM – 7:00 PM	<b>Student Mixer</b>	C110-112
5:45 PM – 6:45 PM	<b>Vendor Tutorials</b> (Sign up at MSA MegaBooth)	Exhibit Hall CD
7:00 PM – 9:00 PM	<b>IMS Icebreaker</b>	Offsite

7:00 AM – 8:15 AM	<b>Metallography, Microstructure and Analysis Editorial Board Meeting</b>	C222
7:15 AM – 8:15 AM	<b>Joint Breakfast: MSA Local Affiliated Societies + MAS Affiliated Regional Societies</b>	Eisenman & Trott
7:15 AM – 8:15 AM	<b>Microscopy Today Editorial Board Meeting</b>	E162-A
8:30 AM – 10:00 AM	<b>AM Symposia &amp; Sessions</b>	
	X90 – Microscopy Outreach: Microscopy in the Classroom	C123-124
	X30 – Technologists' Forum: Analysis of Real Data and Recognition of Artifacts	C125
	X43 – Physical Sciences Tutorial: Diffraction Mapping and 4D STEM	C211
	A04 – Advances in FIB Instrumentation and Applications in Materials and Biological Sciences	C216
	A05 – Applications of Correlative Microscopy to Physical and Biological Sciences	C210
	A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis	C224-225
	A09 – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution	C220
	A11 – Advances in Scanning Electron/Ion Instrumentation and Detectors	C121-122
	A15 – Quantitative Measurement of Intensities and Distances in Electron Microscopy	C212
	B02 – New Technologies for Digital Pathologies	C110
	B06 – Pharmaceuticals and Medical Science	C111
	B07 – 3D Structures of Macromolecular Assemblies, Cellular Organelles and Whole Cells	C115
	B08 – Utilizing Microscopy for Research and Diagnosis of Diseases in Humans, Plants and Animals	C114
	P01 – Dr. Gareth Thomas Symposium: Materials Solutions through Microscopy	C214
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	E160
	P06 – Magnetic Materials, Phenomena and Imaging at the Nanoscale	C213
	P07 – Failure Analysis Applications of Microanalysis, Microscopy, Metallography and Fractography	C215
	P09 – From Nanometers to AU: Studies of Planet-Forming Material	C113
10:00 AM – 5:30 PM	<b>Exhibit Hall Open</b>	Exhibit Hall CD
10:00 AM – 10:30 AM	<b>Coffee Break</b>	Exhibit Hall CD
10:00 AM – 11:00 AM	<b>M&amp;M 2017 - Program Planning Meeting</b>	E161-A
10:30 AM – 12:00 PM	<b>AM Symposia &amp; Sessions (Cont'd)</b>	
	X90 – Microscopy Outreach: Microscopy in the Classroom	C123-124
	X32 – Technologists' Forum: Roundtable Discussion on Artifacts	C125
	A04 – Advances in FIB Instrumentation and Applications in Materials and Biological Sciences	C216
	A05 – Applications of Correlative Microscopy to Physical and Biological Sciences	C210
	A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis	C224-225
	A09 – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution	C220
	A11 – Advances in Scanning Electron/Ion Instrumentation and Detectors	C121-122
	A13 – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	C221
	A15 – Quantitative Measurement of Intensities and Distances in Electron Microscopy	C212
	B05 – Pathology: When Normal Goes Wrong	C110
	B06 – Pharmaceuticals and Medical Science	C111
	B07 – 3D Structures of Macromolecular Assemblies, Cellular Organelles and Whole Cells	C115
	B08 – Utilizing Microscopy for Research and Diagnosis of Diseases in Humans, Plants and Animals	C114
	P01 – Dr. Gareth Thomas Symposium: Materials Solutions through Microscopy	C214
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	E160
	P07 – Failure Analysis Applications of Microanalysis, Microscopy, Metallography and Fractography	C215
	P09 – From Angstrom to AU: Studies of Planet-Forming Material	C113
	P11 – Metallography and Microstructural Characterization of Metals	C112



# TUESDAY, JULY 26, 2016 *continued*

12:00 PM – 1:30 PM	<b>Lunch Break</b>	
12:15 PM – 1:15 PM	<b>MSA Distinguished Scientist Awardee Lectures</b> ( <i>lunch provided to first 100 participants</i> )	<b>C121-122</b>
12:15 PM – 1:15 PM	<b>FIG: Facilities Operations &amp; Management (FOM)</b>	<b>Eisenman &amp; Trott</b>
12:15 PM – 1:15 PM	<b>FIG: Cryo-Preparation</b>	<b>E161-A</b>
12:15 PM – 1:15 PM	<b>FIG: Electron Crystallography</b>	<b>C223</b>
12:15 PM – 1:15 PM	<b>FIG: Electron Microscopy in Liquids &amp; Gases</b>	<b>E162</b>
12:15 PM – 1:15 PM	<b>MSA Standards Committee</b>	<b>C211</b>
12:15 PM – 1:15 PM	<b>Professional Development Session</b> ( <i>lunch provided to first 60 participants</i> )	<b>C226</b>
1:30 PM – 3:00 PM	<b>PM Symposia &amp; Sessions</b>	
	<b>X31</b> – Technologists' Forum Special Topic: Image Analysis and a Practical Approach to Current Software Solutions and Their Applications	<b>C125</b>
	<b>X42</b> – Biological Sciences Tutorial: Building and Validating Atomic Models for EM Density Maps	<b>C211</b>
	<b>A03</b> – X-ray Imaging and Analysis	<b>C115</b>
	<b>A04</b> – Advances in FIB Instrumentation and Applications in Materials and Biological Sciences	<b>C216</b>
	<b>A05</b> – Applications of Correlative Microscopy to Physical and Biological Sciences	<b>C210</b>
	<b>A06</b> – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis	<b>C224-225</b>
	<b>A09</b> – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution	<b>C220</b>
	<b>A11</b> – Advances in Scanning Electron/Ion Instrumentation and Detectors	<b>C121-122</b>
	<b>A13</b> – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	<b>C221</b>
	<b>A15</b> – Quantitative Measurement of Intensities and Distances in Electron Microscopy	<b>C212</b>
	<b>B05</b> – Pathology: When Normal Goes Wrong	<b>C110</b>
	<b>B06</b> – Pharmaceuticals and Medical Science	<b>C111</b>
	<b>P01</b> – Dr. Gareth Thomas Symposium: Materials Solutions through Microscopy	<b>C214</b>
	<b>P02</b> – Electron Microscopy of Materials for Electrochemical Power Systems	<b>E160</b>
	<b>P09</b> – From Angstrom to AU: Studies of Planet-Forming Material	<b>C113</b>
	<b>P11</b> – Metallography and Microstructural Characterization of Metals	<b>C112</b>
3:00 PM – 5:00 PM	<b>Tuesday Poster Presentations</b>	
	<b>X31</b> – Technologists' Forum Special Topic: Image Analysis and a Practical Approach to Current Software Solutions and Their Applications	<b>Exhibit Hall CD</b>
	<b>X90</b> – Microscopy Outreach: Microscopy in the Classroom	
	<b>A03</b> – X-ray Imaging and Analysis	
	<b>A04</b> – Advances in FIB Instrumentation and Applications in Materials and Biological Sciences	
	<b>A05</b> – Applications of Correlative Microscopy to Physical and Biological Sciences	
	<b>A09</b> – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution	
	<b>B02</b> – New Technologies for Digital Pathologies	
	<b>B05</b> – Pathology: When Normal Goes Wrong	
	<b>B06</b> – Pharmaceuticals and Medical Science	
	<b>B08</b> – Utilizing Microscopy for Research and Diagnosis of Diseases in Humans, Plants and Animals	
	<b>P01</b> – Dr. Gareth Thomas Symposium: Materials Solutions through Microscopy	
	<b>P04</b> – Nano-characterization of Low Dimensional Materials: Carbon to 2D TMDs	
	<b>P05</b> – Nuclear and Irradiated Materials: Fundamental Defect Properties	
	<b>P07</b> – Failure Analysis Applications of Microanalysis, Microscopy, Metallography and Fractography	
	<b>P11</b> – Metallography and Microstructural Characterization of Metals	

# TUESDAY, JULY 26, 2016 *continued*

*All events are located at the Greater Columbus Convention Center unless otherwise noted.*

3:00 PM – 4:00 PM	<b>FIG: 3D EM in the Biological Sciences</b>	C111
3:30 PM – 4:30 PM	<b>FIG Business Meeting</b>	E162-A
3:30 PM – 4:30 PM	<b>MSA Education Committee Meeting (Combined)</b>	E161-A
5:00 PM – 5:30 PM	<b>Student Poster Awards — Exhibit Hall Poster Stage</b>	Exhibit Hall CD
5:15 PM – 6:15 PM	<b>FIG: Aberration Correction EM</b>	C211
5:30 PM – 6:30 PM	<b>Symposium Organizers – Appreciation Event</b>	Eisenman & Trott
5:30 PM – 6:30 PM	<b>Post-Doctoral Researchers' Reception</b>	C222
5:45 PM – 6:45 PM	<b>Vendor Tutorials (Sign up at MSA MegaBooth)</b>	Exhibit Hall CD
6:30 PM – 8:30 PM	<b>Presidents' Reception (Invitation Only)</b>	Offsite

# WEDNESDAY, JULY 27, 2016

7:15 AM – 8:15 AM	<b>MSA Certification Board</b>	Trott
7:15 AM – 8:15 AM	<b>MSA Membership Committee</b>	Eisenman
8:30 AM – 10:00 AM	<b>AM Symposia &amp; Sessions</b>	
	<b>X40 – Career Tracks in Government and Industry: A Panel Discussion</b>	C211
	<b>A01 – Vendor Symposium</b>	C110
	<b>A03 – X-ray Imaging and Analysis</b>	C115
	<b>A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis</b>	C224-225
	<b>A07 – Surface and Subsurface Microscopy and Analysis</b>	C216
	<b>A08 – Quantitative and Qualitative Microanalysis by EPMA and SEM</b>	C113
	<b>A09 – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution</b>	C220
	<b>A11 – Advances in Scanning Electron/Ion Instrumentation and Detectors</b>	C123-124
	<b>A13 – In-situ Electron Microscopy and Big Data Analytics in 2D and 3D</b>	C221
	<b>A14 – Single Atom Electron Microscopy and Spectroscopy</b>	C212
	<b>B03 – Super-resolution Visualization of Cellular and Inter-Cellular Processes in Health and Disease</b>	C111
	<b>P02 – Electron Microscopy of Materials for Electrochemical Power Systems</b>	E160
	<b>P05 – Microscopy for Thin Films of Metals, Semiconductors, and Insulators</b>	C114
	<b>P10 – Microscopy and Characterization of Ceramics, Polymers and Composites</b>	C214
	<b>P11 – Metallography and Microstructural Characterization of Metals</b>	C112
	<b>P12 – Microscopy and Analysis in Forensic Science</b>	C213
10:00 AM – 5:30 PM	<b>Exhibit Hall Open</b>	Exhibit Hall CD
10:00 AM – 10:30 AM	<b>Coffee Break</b>	Exhibit Hall CD
10:30 AM – 12:00 PM	<b>AM Symposia &amp; Sessions (Cont'd)</b>	
	<b>X44 – Physical Sciences Tutorial: Compressive Sensing Applications in Microscopy</b>	C211
	<b>A01 – Vendor Symposium</b>	C110
	<b>A03 – X-ray Imaging and Analysis</b>	C115
	<b>A06 – Analytical Electron Microscopy for Advanced Characterization from Multi-dimensional Data Acquisition to Integrated Analysis</b>	C224-225

# WEDNESDAY, JULY 27, 2016 *continued*

10:30 AM – 12:00 PM	<b>AM Symposia &amp; Sessions (Cont'd)</b>	
	A07 – Surface and Subsurface Microscopy and Analysis	C216
	A08 – Quantitative and Qualitative Microanalysis by EPMA and SEM	C113
	A09 – Advanced Scanning Diffraction: Mapping Functionality in Reciprocal Space at Nanometer Resolution	C220
	A12 – Research and Applications in Atom Probe Tomography	C226
	A13 – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	C221
	A14 – Single Atom Electron Microscopy and Spectroscopy	C212
	B04 – Microscopy and Morphogenesis	C111
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	E160
	P03 – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	C210
	P05 – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	C114
	P10 – Microscopy and Characterization of Ceramics, Polymers and Composites	C214
	P11 – Metallography and Microstructural Characterization of Metals	C112
	P12 – Microscopy and Analysis in Forensic Science	C213
12:00 PM – 1:30 PM	<b>Lunch Break</b>	
12:15 PM – 1:15 PM	<b>MAS - ANSI Meeting</b>	Trott
12:15 PM – 1:15 PM	<b>MSA Members Meeting</b> ( <i>lunch provided to first 100 participants</i> )	C123-125
12:15 PM – 1:15 PM	<b>FIG: Pharmaceuticals</b>	Eisenman
1:30 PM – 3:00 PM	<b>PM Sessions &amp; Symposia</b>	
	X91 – Microscopy Outreach: It's a Family Affair! Hands-on Microscopy Workshop for All Ages	C121-122
	X41 – Biological Sciences Tutorial: Effective Tactics for Getting an Equipment Grant	C211
	A01 – Vendor Symposium	C110
	A03 – X-ray Imaging and Analysis	C115
	A07 – Surface and Subsurface Microscopy and Analysis	C216
	A08 – Quantitative and Qualitative Microanalysis by EPMA and SEM	C113
	A12 – Research and Applications in Atom Probe Tomography	C226
	A13 – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	C221
	A14 – Single Atom Electron Microscopy and Spectroscopy	C212
	A16 – New Frontiers in Monochromated EELS	C224-225
	B04 – Microscopy and Morphogenesis	C111
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	E160
	P03 – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	C210
	P05 – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	C114
	P10 – Microscopy and Characterization of Ceramics, Polymers and Composites	C214
	P11 – Metallography and Microstructural Characterization of Metals	C112
	P12 – Microscopy and Analysis in Forensic Science	C213

# WEDNESDAY, JULY 27, 2016 continued

All events are located at the Greater Columbus Convention Center unless otherwise noted.

3:00 PM – 5:00 PM	<b>Wednesday Poster Presentations</b>	Exhibit Hall CD
	A01 – Vendor Symposium	
	A08 – Quantitative and Qualitative Microanalysis by EPMA and SEM	
	A13 – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	
	A14 – Single Atom Electron Microscopy and Spectroscopy	
	B04 – Microscopy and Morphogenesis	
	P02 – Electron Microscopy of Materials for Electrochemical Power Systems	
	P05 – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	
	P10 – Microscopy and Characterization of Ceramics, Polymers and Composites	
	P12 – Microscopy and Analysis in Forensic Science	
5:00 PM – 5:30 PM	<b>Student Poster Awards – Exhibit Hall Poster Stage</b>	Exhibit Hall CD
5:15 PM – 6:15 PM	<b>MAS Business Meeting</b>	C111-112
5:45 PM – 6:45 PM	<b>Vendor Tutorials</b> (Sign up at MSA MegaBooth)	Exhibit Hall CD
6:30 PM – 8:30 PM	<b>MAS Members Social</b> (Visit MAS Booth for details)	
6:30 PM – 9:00 PM	<b>IMS Awards Banquet</b> (Visit IMS Booth for details)	

# THURSDAY, JULY 28, 2016

8:30 AM – 10:00 AM	<b>M&amp;M Sustaining Members Meeting</b>	Eisenman & Trott
8:30 AM – 10:00 AM	<b>AM Symposia &amp; Sessions</b>	
	A02 – TEM Phase Plate Imaging in Biological and Materials Science	C111
	A07 – Surface and Subsurface Microscopy and Analysis	C216
	A08 – Quantitative and Qualitative Microanalysis by EPMA and SEM	C113
	A10 – Advances in Image Processing, Display, and Analysis	C115
	A12 – Research and Applications in Atom Probe Tomography	C226
	A13 – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	C221
	A16 – New Frontiers in Monochromated EELS	C224-225
	P03 – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	C210
	P04 – Nuclear and Irradiated Materials	E160
	P05 – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	C114
	P08 – Microscopy of Additive Manufacturing and 3D Printing in Materials and Biology	C213
	P10 – Microscopy and Characterization of Ceramics, Polymers and Composites	C214
10:00 AM – 11:00 AM	<b>MSA Student Committee Meeting</b>	C212
10:00 AM – 2:00 PM	<b>Exhibit Hall Open</b>	Exhibit Hall CD
10:00 AM – 12:00 PM	<b>Coffee Break + Poster Session</b>	Exhibit Hall CD
10:00 AM – 12:00 PM	<b>Thursday Poster Sessions</b>	Exhibit Hall CD
	A02 – TEM Phase Plate Imaging in Biological and Materials Science	
	A07 – Surface and Subsurface Microscopy and Analysis	
	A10 – Advances in Image Processing, Display, and Analysis	
	A12 – Research and Applications in Atom Probe Tomography	

# THURSDAY, JULY 28, 2016 *continued*

10:00 AM – 12:00 PM	<b>Thursday Poster Sessions (Cont'd)</b>	<b>Exhibit Hall CD</b>
	<b>A13</b> – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	
	<b>A16</b> – New Frontiers in Monochromated EELS	
	<b>P03</b> – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	
	<b>P04</b> – Nuclear and Irradiated Materials	
	<b>P05</b> – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	
	<b>P08</b> – Microscopy of Additive Manufacturing and 3D Printing in Materials and Biology	
12:00 PM – 12:30 PM	<b>Student Poster Awards — Exhibit Hall Poster Stage</b>	<b>Exhibit Hall CD</b>
12:00 PM – 1:30 PM	<b>Lunch Break</b>	
1:30 PM – 3:00 PM	<b>PM Symposia</b>	
	<b>A02</b> – TEM Phase Plate Imaging in Biological and Materials Science	<b>C111</b>
	<b>A07</b> – Surface and Subsurface Microscopy and Analysis	<b>C216</b>
	<b>A10</b> – Advances in Image Processing, Display, and Analysis	<b>C115</b>
	<b>A12</b> – Research and Applications in Atom Probe Tomography	<b>C226</b>
	<b>A13</b> – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	<b>C221</b>
	<b>A16</b> – New Frontiers in Monochromated EELS	<b>C224-225</b>
	<b>P03</b> – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	<b>C210</b>
	<b>P04</b> – Nuclear and Irradiated Materials	<b>E160</b>
	<b>P05</b> – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	<b>C114</b>
	<b>P08</b> – Microscopy of Additive Manufacturing and 3D Printing in Materials and Biology	<b>C213</b>
3:00 PM – 3:30 PM	<b>Coffee Break</b>	<b>C Rooms Foyer</b>
3:30 PM – 5:00 PM	<b>PM Symposia (Cont'd)</b>	
	<b>A02</b> – TEM Phase Plate Imaging in Biological and Materials Science	<b>C111</b>
	<b>A07</b> – Surface and Subsurface Microscopy and Analysis	<b>C216</b>
	<b>A10</b> – Advances in Image Processing, Display, and Analysis	<b>C115</b>
	<b>A12</b> – Research and Applications in Atom Probe Tomography	<b>C226</b>
	<b>A13</b> – <i>In-situ</i> Electron Microscopy and Big Data Analytics in 2D and 3D	<b>C221</b>
	<b>A16</b> – New Frontiers in Monochromated EELS	<b>C224-225</b>
	<b>P03</b> – Combining Simulation, Experiment, and Data Science for Materials Characterization and Design	<b>C210</b>
	<b>P04</b> – Nuclear and Irradiated Materials	<b>E160</b>
	<b>P05</b> – Microscopy for Thin Films of Metals, Semiconductors, and Insulators	<b>C114</b>
	<b>P08</b> – Microscopy of Additive Manufacturing and 3D Printing in Materials and Biology	<b>C213</b>
5:30 PM – 6:30 PM	<b>M&amp;M 2016 Wrap-Up &amp; Debrief (By invitation only)</b>	<b>Eisenman &amp; Trott</b>