



M&M 2013

MICROSCOPY & MICROANALYSIS

August 4 - 8 • Indianapolis, IN



Official M&M
Exhibition and Meeting Guide

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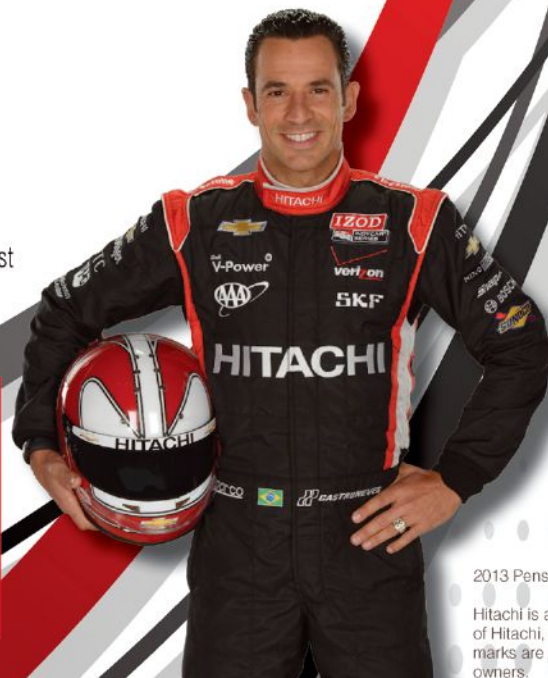
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Microscopy & Microanalysis

The Official M&M 2013 Exhibition and Meeting Guide
Indianapolis, Indiana, USA • August 4–8, 2013



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Welcome from the Society Presidents – Exhibition Guide Version

On behalf of the Microscopy Society of America, the Microanalysis Society, and the International Metallographic Society, we welcome you to the Microscopy & Microanalysis 2013 meeting and its associated Exhibition in Indianapolis, IN. Once again this year, the meeting promises to be the premier opportunity in our field to learn, to connect, and to experience all the latest innovations in the world of microscopy and microanalysis.

We are very fortunate to have, as a part of our meeting, the largest and most diverse yearly exhibition of equipment, software, and other resources for microscopy and microanalysis. In our field, researchers from universities, government labs, and industry have a unique relationship with manufacturers and suppliers of our tools. Throughout the history of microscopy and microanalysis, these researchers have worked in close partnership with suppliers to create innovations and make those innovations available to everyone in the field. This partnership is never more evident, or more powerfully felt, than at the Microscopy and Microanalysis Exhibition. Whether in the exhibit hall, the poster and platform presentations, or the social events, all attendees connect in a powerful way that moves our technology and capabilities forward in what has been unprecedented growth over the years.

Over 100 exhibitors have come to display their products and capabilities at the 2013 Exhibition. We hope you will take the time to have a conversation with each of them and learn about what they have to offer and what's new. In many cases, we know you will be renewing old friendships and mutually beneficial relationships. Also, please be sure to take advantage of the Vendor Tutorials, which will be held on Monday, Tuesday, and Wednesday from 5:45 – 6:45 PM in the Exhibition Hall. These tutorials are special, small-group product demonstrations and related educational opportunities, held in the exhibitors' booths at a quiet time after the Exhibit Hall has closed. Please note that it is necessary to sign up for the Vendor Tutorials ahead of time, which can be done at the MSA Megabooth in the center of the Exhibit Hall. We would like to thank Andreas Holzenberg of the MSA Education Committee for organizing the Vendor Tutorials.

The Meeting and Exhibition could not take place without the extremely hard work and dedication of many people. We would like to particularly thank Nicole Guy, our Meeting Manager, and Doreen Bonnema, our Exhibition Manager. We would also like to thank our Editor, Richard Edelman, who puts together the Official Exhibition & Meeting Guide.

It is our hope that you will find Microscopy & Microanalysis 2013 to be stimulating, informative, energizing, and fun. We know you will appreciate the excellent facilities that the Convention Center and hotels have to offer, and the proximity of many great restaurants and other attractions. Have a wonderful week, and we will see you next year in Hartford!

Ernie Hall
MSA President



Kristin Bunker
MAS President



Richard Blackwell
IMS President



Raise your confidence

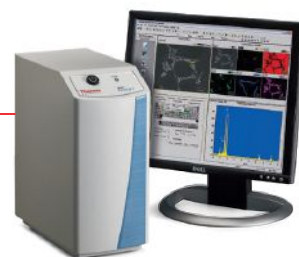
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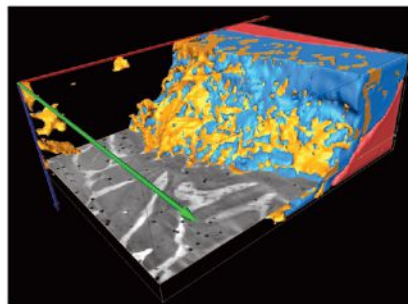
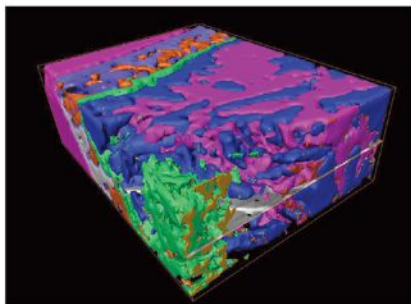
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Essential Meeting Information

doi:10.1017/S1431927613012828

REGISTRATION DESK

The Registration Desk at M&M 2013 is located on the Exhibit (Street) Level outside Hall D in the Indiana Convention Center (See Floor Plan/Map). Pick up your badge and Sunday Social Reception tickets at the Registration desk before 8:00 pm on Sunday. The Sunday Social starts at 6:30 pm in the Convention Center's Sagamore Ballroom.

EXHIBITOR-ONLY REGISTRATION HOURS

Thursday, August 1	8 am – 4 pm
Friday, August 2	8 am – 5 pm
Saturday, August 3	8 am – 12 pm

ATTENDEE REGISTRATION HOURS

Saturday, August 3	12 pm – 5 pm
Sunday, August 4	7 am – 8 pm
Monday, August 5	7 am – 6 pm
Tuesday, August 6	7:30 am – 5 pm
Wednesday, August 7	7:30 am – 5 pm
Thursday, August 8	7:30 am – 3 pm

EXHIBITOR MOVE-IN

Thursday, August 1	8 am – 4 pm
Targeted Island Booths Only	
Friday, August 2	8 am – 4:30 pm
Saturday, August 3	8 am – 4:30 pm
Sunday, August 4	8 am – 4:30 pm

EXHIBITOR MOVE-OUT

Thursday, August 8	2 pm – 7 pm
Friday, August 9	8 am – 5 pm

COMMERCIAL EXHIBITION HOURS

Monday, August 5	12 pm – 5:30 pm
Tuesday, August 6	10 am – 5:30 pm
Wednesday, August 7	10 am – 5:30 pm
Thursday, August 8	10 am – 2 pm



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AWARDS

Major Society Awards for MSA and MAS, along with other awards, will be presented at the Plenary Session immediately following the Keynote Symposium (Monday morning). IMS Awards are presented at the IMS Awards Banquet on Wednesday evening (ticket purchase required). For detailed listings of all awards, criteria, and award winners, please see individual Society information in the Meeting and Program Guide.

JOB & RESUME POSTINGS/ PLACEMENT OFFICE (SEE MSA MEGABOOTH INFO ON PAGE 18)

Post your company's or department's job listing, peruse posted resumes for that perfect job candidate, or post your own resume. Take advantage of thousands of microscopists and microscopy companies all gathered in one place! Go to the MSA MegaBooth (Exhibit Hall) for details.

LOCAL HOST COMMITTEE BOOTH – INDIANAPOLIS

The M&M 2013 Local Host Committee is looking forward to sharing their hometown! Stop by their booth to pick up local information, including maps, dining guides and tour info. Located in the main registration area, and stocked with visitor information on Phoenix and surrounding areas.

M&M 2014 – HARTFORD MEETING & CITY INFORMATION

M&M 2014 is a joint meeting with IUMAS-6! Get the inside scoop on all the great plans for next year's M&M Meeting in Hartford, Connecticut. The 2014 booth is located in the main registration area.

MSA MEGABOOTH (EXHIBIT HALL - SEE COMPLETE DETAILS ON PAGE 18)

Check out all that MSA has to offer its members and M&M attendees: Free Internet Café, book display from scientific publishers, updated information on the Certification Board, and a DVD Library. Register for the popular Exhibitor Tutorials, sign up for MSA Membership, check out recent editions of Microscopy Today, learn about MSA's Educational Outreach programs, and join the Technologists' Forum.

PROCEEDINGS

Conference Proceedings are distributed at Registration. All Full Meeting registrations include a free copy of the proceedings on DVD. Hard-copy proceedings are available for purchase through Cambridge University Press. Inquire at the Registration Desk or log onto <http://www.microscopy.org/MandM/2013/program/index.cfm>.

SOCIETY BOOTHS

MAS and IMS each has a membership and information booth located in the main registration area near the exhibit hall entrance. Sign up for membership, get information on Society events at or after the M&M Meeting, and find out all that the joining societies have to offer.

REGISTRATION DESK

The Registration Desk at M&M 2013 is located in the main exhibits lobby outside the Exhibit Hall (lower level). Pick up your badge and tote bag, buy additional reception tickets, and/or register onsite. Registration hours are as follows:

Thursday, July 26	8:00 am – 4:00 pm (exhibitors only)
Friday, July 27	8:00 am – 5:00 pm (exhibitors only)
Saturday, July 28	8:00 am – 5:00 pm (exhibitors only until 12pm; all attendees 12pm – 5pm)
Sunday, July 29	7:00 am – 8:00 pm
Monday, July 30	7:00 am – 6:00 pm
Tuesday, July 31	7:30 am – 5:00 pm
Wednesday, August 1	7:30 am – 5:00 pm
Thursday, August 2	7:30 am – 3:00 pm

Sunday Social Event - Ticket Information

This year's social event in the grand Indiana Convention Center Sagamore Ballroom will let you maximize your social time with your friends and colleagues without having to worry about the weather or get on a bus. The Sunday Social Event is a great opportunity to catch up with all your friends and colleagues, make some new ones, and enjoy some wine or local beer and a delicious supper buffet. It's all under one roof!

One ticket is included with most registrations (see registration form for details). Additional tickets - \$70 each.

Please note - no ticket purchases will be refunded.

No transportation is required!

TOTE BAGS

All non-Exhibitor Meeting Registrants are entitled to a meeting tote bag. Bags are distributed in the registration area.

HOTEL INFORMATION

Official M&M 2013 Meeting Hotels:

- Omni Severin Hotel
317-634-6664
- Hilton Indianapolis Hotel
317-972-0600
- Crown Plaza at Historic Union Station
317-631-2221
- Embassy Suites
317-236-1800
- Hampton Inn
866-253-4121
- Holiday Inn Express Downtown
317-822-6400
- Staybridge Suites Downtown
317-536-7500

No shuttle buses this year! All events are within an easy walking distance from all conference hotels.

GETTING TO & AROUND INDIANAPOLIS

The Indianapolis International Airport (IND) has over 135 daily flights with 33 nonstop destinations. Located only 12 miles (20 minutes) from downtown Indianapolis, the airport features free Wi-Fi, guest services information and assistance center, and dozens of restaurants, stores, and personal-services outlets. <http://indianapolisairport.com>

GROUND TRANSPORTATION

CAR/VAN: For detailed information on taxi service, limousine service, and scheduled shuttle service fees and schedules visit http://www.indianapolisairport.com/parking_transportation/taxiService.aspx

TRAIN: Amtrak provides rail service directly to Indianapolis. The train station is located downtown. Visit <http://amtrak.com> for fares and service details.

MORE TRAVEL INFO

For detailed attraction, tour, dining and travel information for visitors, please

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INDIANAPOLIS VISITOR INFORMATION

Get visitor and tourist information on Indianapolis at the M&M 2013 Booth in the main registration area just outside the exhibit hall.

BUSINESS CENTER

The RICOH Business Center located on the 1st floor of the Indiana Convention Center can assist with your business and office needs onsite with one-stop shopping for the following products and services:

- Packaging
- Shipping
- Document Services (fax, print, copy, bindery, NCR printing)
- Office Supplies
- Postal Services
- Equipment Rentals
- Wide-format Printing and Laminating

For a price list, exhibitor information and order forms, please contact the RICOH professionals on-site at the Indiana Convention Center at 317-262-4496, or by email at ikonbusinesscenter@icclos.com.

ACCESSIBILITY

If you require special accommodation in order to participate fully in the meeting, please ask to speak with the meeting manager, or email MeetingManager@microscopy.org. Requests made after July 1 or onsite at the meeting will be accommodated as best as possible.

FOOD FOR PURCHASE

Beginning on Sunday, inexpensive, portable breakfast and snack items are available for purchase in the convention center on the street level (7:30 am – 10:30 am). Beginning Monday, lunch concessions are available for purchase inside the exhibit hall during lunch hours (11:00 am – 2:00 pm).

INTERNET & E-MAIL

Free wireless internet is available inside the exhibit hall for M&M attendees in the Indiana Convention Center. Check your email and surf the web at the Internet Café inside the M&M exhibit hall during exhibit hours (located next to the MSA MegaBooth). For more information on the MegaBooth, see page 18.

VOLUNTEER ROOM

The volunteer & student bursary office is in Show Office 2-3 on the 2nd level (near room 211). Check in here for volunteer assignments and sign-outs.

SMOKING POLICY

M&M 2013 is a smoke-free meeting. If you wish to smoke, you will need to go to designated outdoor areas.

PHONE NUMBERS & INFORMATION

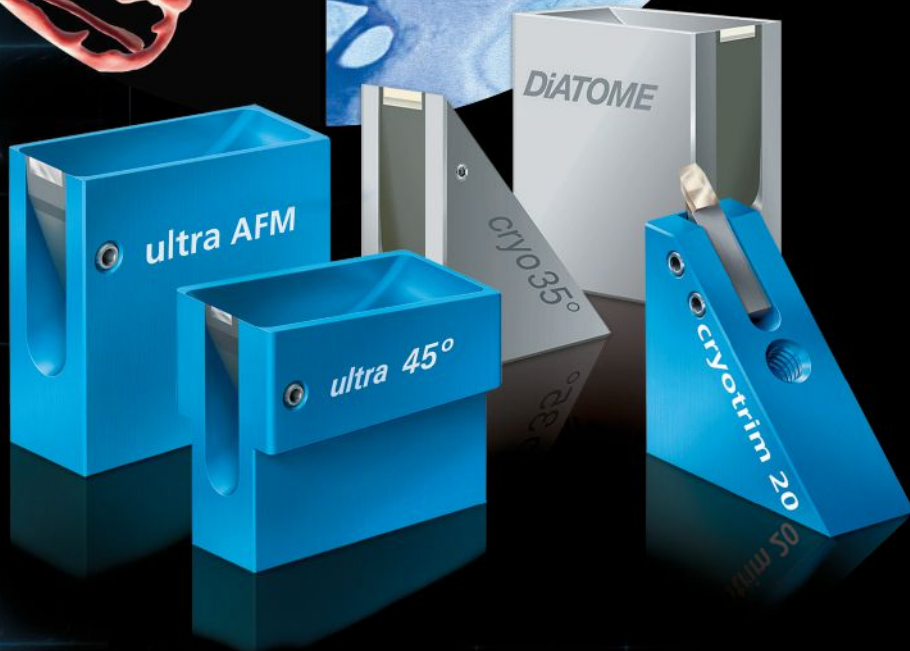
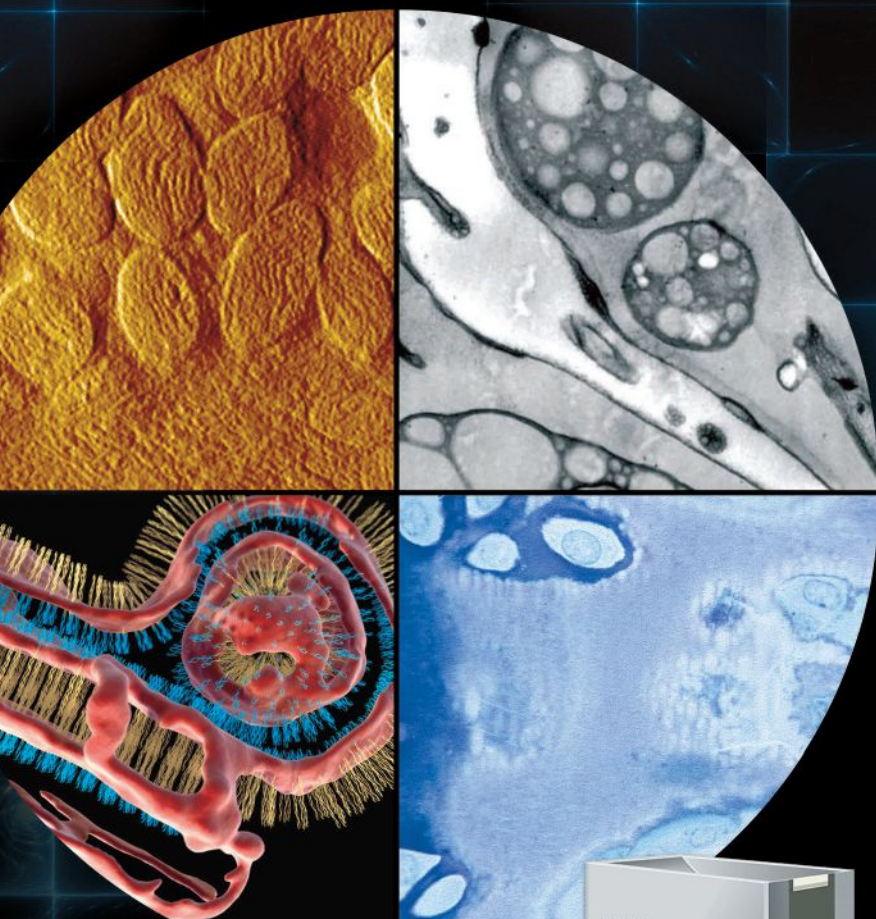
- Indiana Convention Center Main: 317-262-3400
- Indiana Convention Center - Exhibitor Services 317-262-3467
www.Indianapolisconventioncenter.com/ex_utilities.html
- Urgent Care – Minute Clinic, 1545 N. Meridian St. (2 Miles from Conv Ctr) 317-923-1491
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PHOTOGRAPHY POLICY

No type of recording (photography, video, audio, etc.) of lectures, posters, tutorials, workshops and commercial exhibits at the Microscopy & Microanalysis meeting is permitted without prior permission of MSA or the individuals concerned.



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FRIDAY, AUGUST 2, 2013

EVENT	TIME	LOCATION
Publications Meeting	9:00 AM	204
MSA Council	1:00 PM	204

SATURDAY, AUGUST 3, 2013

EVENT	TIME	LOCATION
IMS Poster Judging	8:00 AM	210
IMS Board of Directors	8:30 AM	212
MSA Council	8:30 AM	204

SUNDAY, AUGUST 4, 2013

EVENT	TIME	LOCATION
MAS Council	8:00 AM	201
<i>Microscopy Today</i> Editors	1:00 PM	203
MAM Editors	3:00 PM	203
Sunday Evening Social Event	6:30 PM	Sagamore Ballroom

MONDAY, AUGUST 5, 2013

EVENT	TIME	LOCATION
MSA Awards Committee	7:15 AM	203
Technologists' Forum Board	7:15 AM	202
MAM Editorial Board	7:15 AM	201
FOM FIG "Lunch with a Facility Manager"	12:00 PM	211
MAS Meal with a Mentor	12:00 PM	202
Diagnostic FIG Meeting	12:15 PM	201
MSA Fellowship Committee Meeting	12:15 PM	203
MSA International Committee Meeting	12:15 PM	212
IMS Members' Meeting	3:00 PM	204
Student Poster Awards	5:00 PM	Exhibit Hall
Student Mixer	5:30 PM	201-202
Vendor Tutorials	5:45 PM	Exhibit Hall
<i>(Sign up at MSA MegaBooth)</i>		
IMS Icebreaker	Visit IMS Booth for Details	

TUESDAY, AUGUST 6, 2013

EVENT	TIME	LOCATION
MSA Local Affiliated Societies' Breakfast	7:15 AM	211
<i>Microscopy Today</i> Editorial Board	7:15 AM	201
MSA-CUP Book Series Advisory Board	7:30 AM	202
M&M 2014 - Program Planning Meeting	10:00 AM	212
FOM FIG Lunch Meeting	12:00 PM	211
MSA Distinguished Scientist Awardee Lectures*	12:15 PM	203-204
FIG Business Meeting	3:30 PM	202
MSA Education Committee Meeting	3:30 PM	201
Student Poster Awards	5:00 PM	Exhibit Hall
Symposium Organizers Appreciation Event	5:30 PM	212
Vendor Tutorials	5:45 PM	Exhibit Hall
<i>(Sign up at MSA MegaBooth)</i>		
Presidents' Reception	6:30 PM	Offsite
<i>(Invitation Only)</i>		

WEDNESDAY, AUGUST 7, 2013

EVENT	TIME	LOCATION
MSA Certification Board	7:15 AM	201
Student Awardee Focus Group & Breakfast	7:15 AM	202
Membership Committee	7:30 AM	212
M&M 2014 OMPG Meeting	8:30 AM	212
MAS - ANSI TAG Meeting	11:00 AM	201
MSA Members' Meeting*	12:15 PM	203-204
MAS Affiliated Regional Societies	12:15 PM	202
Technologists' Forum Business Meeting	3:00 PM	211
Student Poster Awardsq	5:00 PM	Exhibit Hall
MAS Business Meeting	5:15 PM	206-207
Vendor Tutorials	5:45 PM	Exhibit Hall
<i>(Sign up at MSA Megaboosth)</i>		
IMS Awards Banquet	6:30 PM	Visit IMS Booth
MAS Members' Social	6:30 PM	Visit MAS Booth

THURSDAY, AUGUST 8, 2013

EVENT	TIME	LOCATION
M&M Sustaining Members Meeting	8:30 AM	204
Pharmaceuticals FIG	9:30 AM	236
MSA Standards Committee	12:15 PM	202
Electron Crystallography FIG	12:15 PM	201
M&M 2013 Wrap-Up & Debrief	5:30 PM	201

*Lunch will be served to the first 100 attendees.

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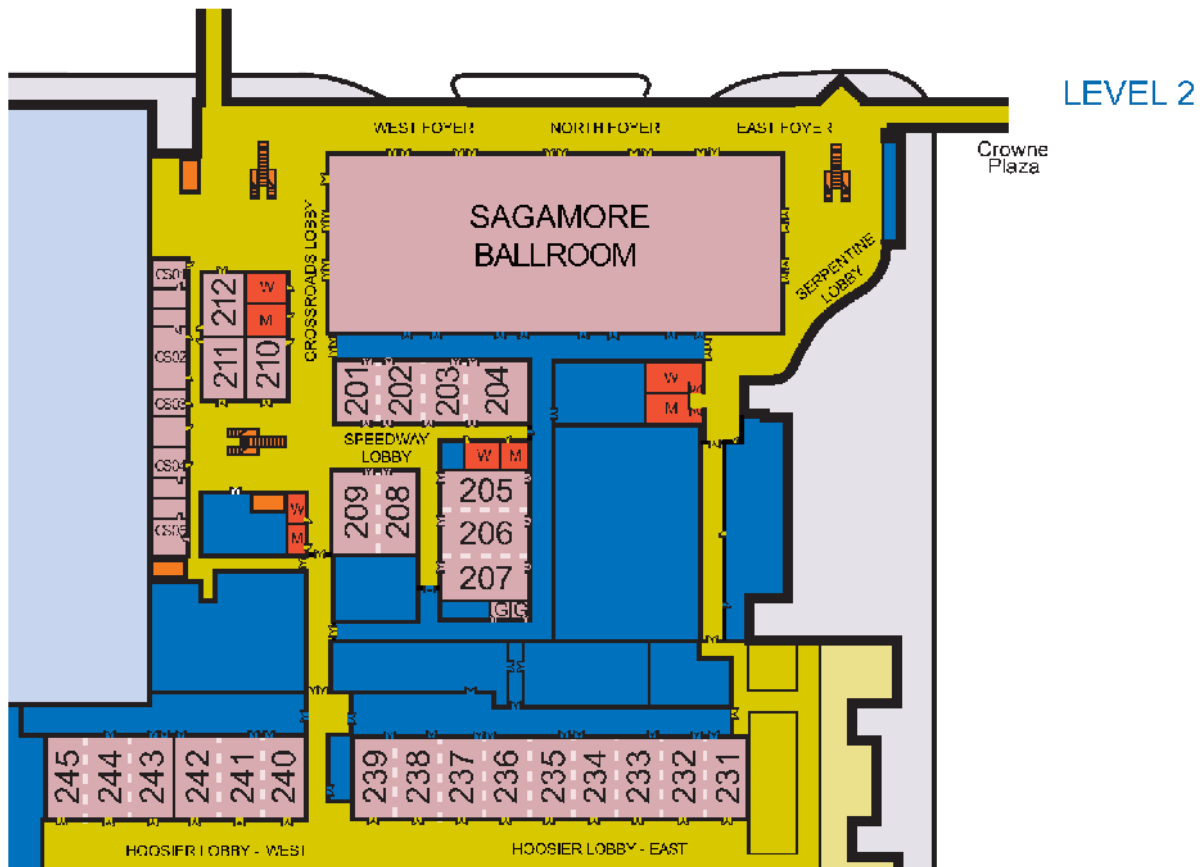
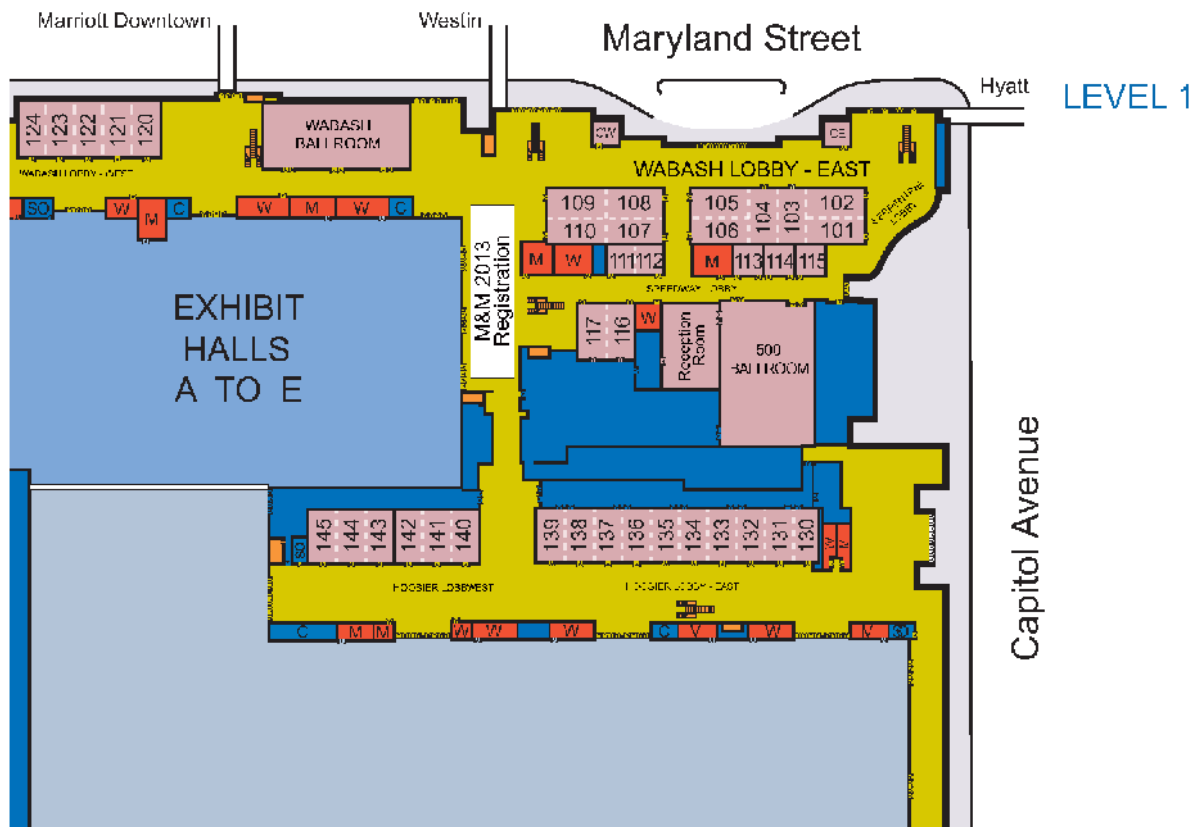
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Microscopy Society of America

MSA MegaBooth in the M&M 2013 Exhibit Hall

Open during all
exhibit hall hours

The **MSA MegaBooth** showcases all that MSA membership has to offer. If you are currently a member, stop by to catch up on all the new society developments. Member information available at Regular, Sustaining (corporate) and Student levels.

Sign up for **EXHIBITOR TUTORIALS** here! These popular sessions are presented on Monday, Tuesday and Wednesday evenings after the exhibit hall has closed for the day. Don't miss out – advance registration is required!

The **INTERNET CAFÉ** is open to all meeting attendees and provides FREE wireless internet during all exhibit hall hours. Lots of places to sit and rest your feet for a few moments while you check your email or put the finishing touches on your talk.

The **TECHNOLOGISTS' FORUM** (TF): Attention Technologists! Stop by to find out how you can grow and develop your skills, your professional career and your network by joining the Forum!

The **PLACEMENT OFFICE** is MSA's job-listing service. Post a job, peruse job listings, post a resume, and/or find that perfect candidate for your job opening. All for FREE during the meeting!

Check out the **BOOK DISPLAY** – publisher-donated books, divided into biological/physical topics. Several new titles added every year!

MSA's **DVD LIBRARY** contains hundreds of titles on all aspects of microscopy. Browse the collection at your leisure and view samples to see content. DVDs can be purchased online via the MSA website.

CERTIFICATION BOARD – Find out about MSA's certification program for Electron Microscopy Technologists and how being certified can help you in your next job search!

MICROSCOPY TODAY and **MICROSCOPY and MICROANALYSIS** are the society's two publications – one a magazine format, the other a peer-reviewed scientific journal. Information for authors and advertisers is available here.

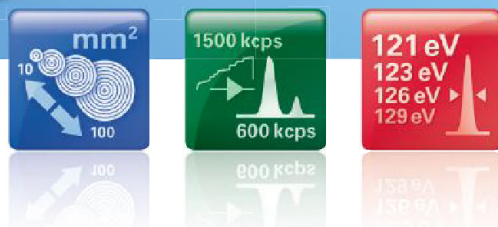
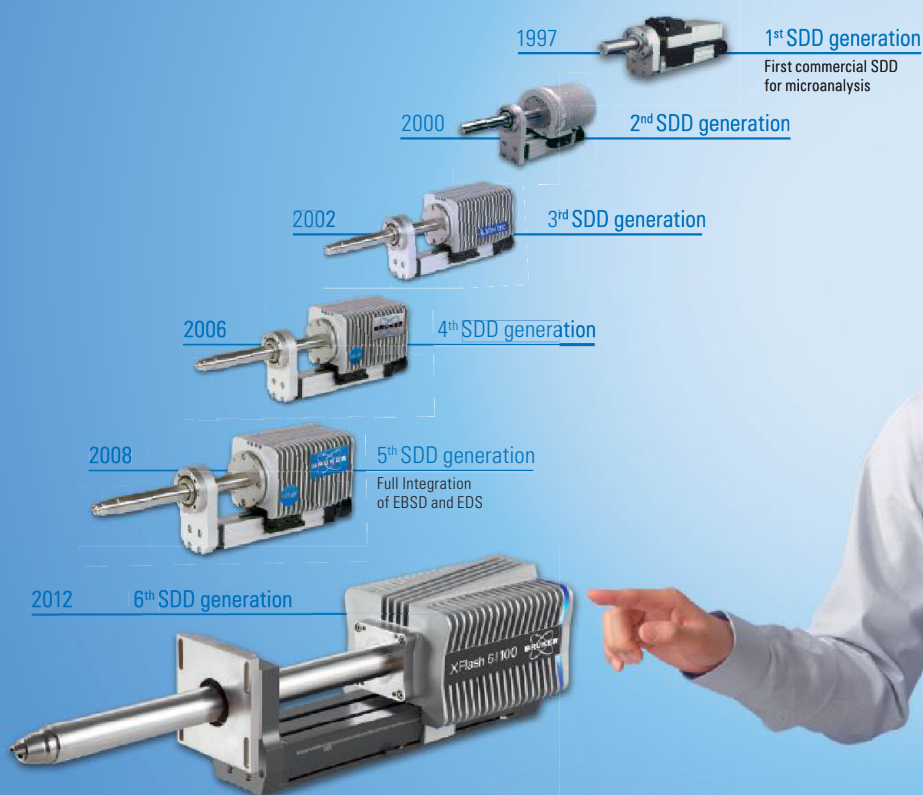
Education Outreach – Includes MSA's middle-school educational outreach program. Browse the materials and find out how to start an outreach program in your local area. Get details on the special programming at the M&M meeting for educators and kids of all ages.

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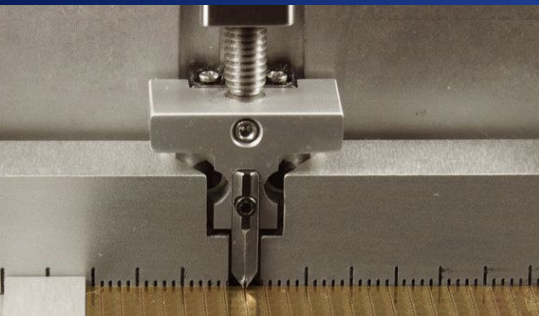
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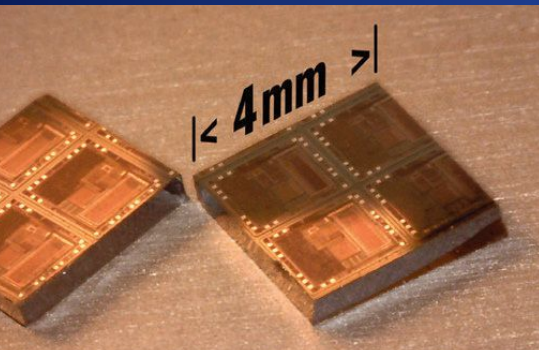
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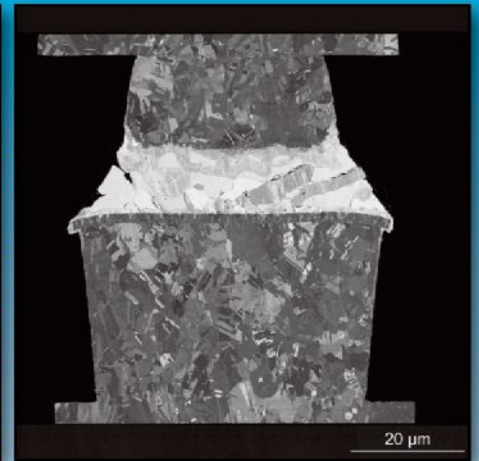
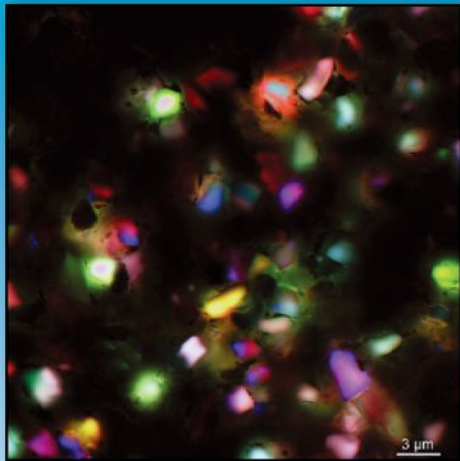
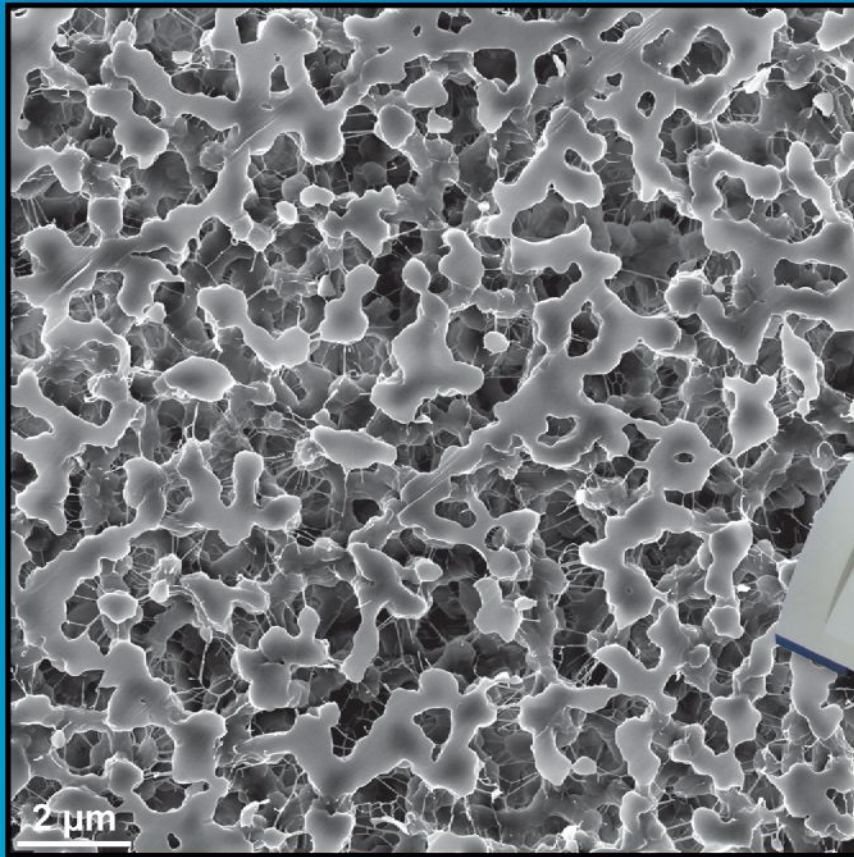
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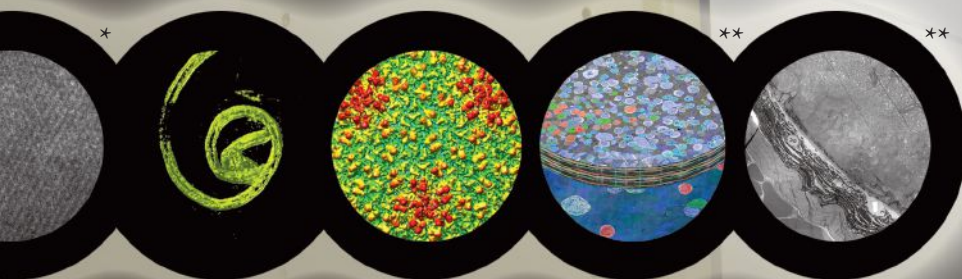
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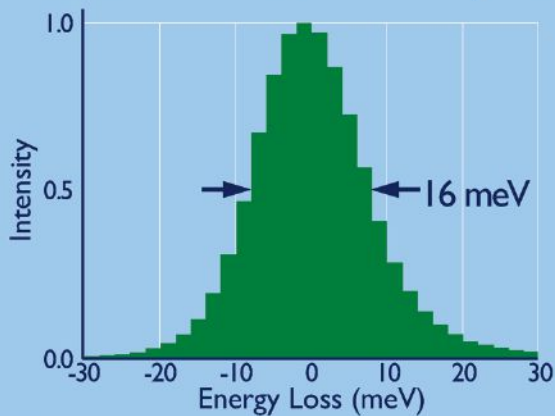
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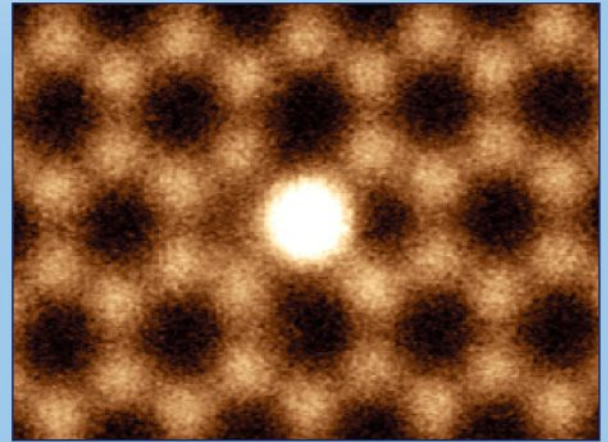
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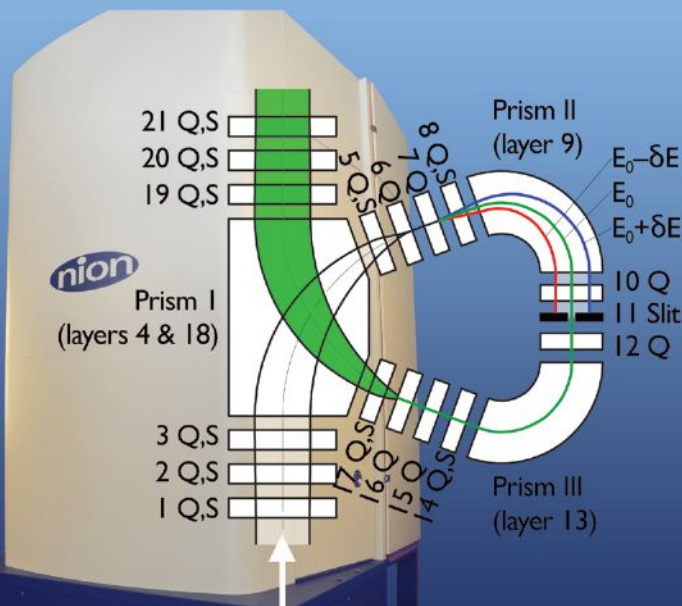
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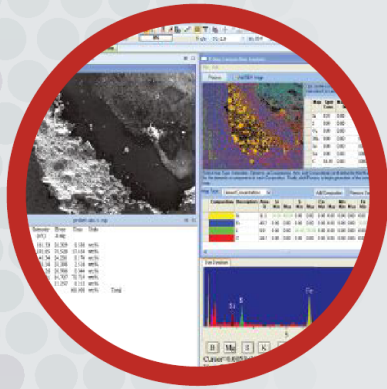
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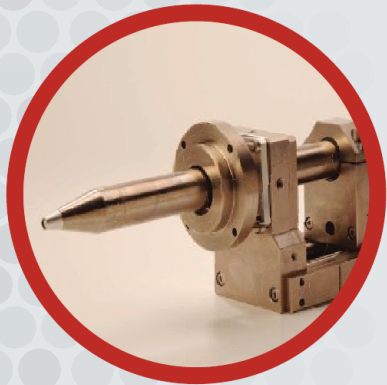
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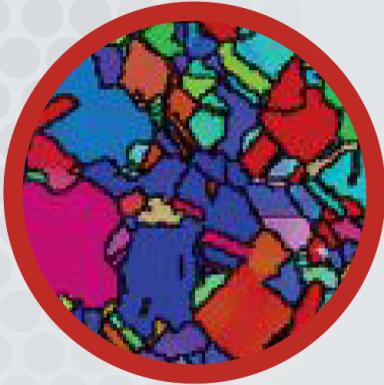
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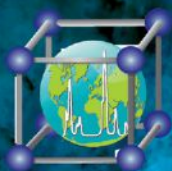
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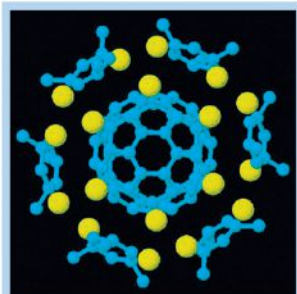
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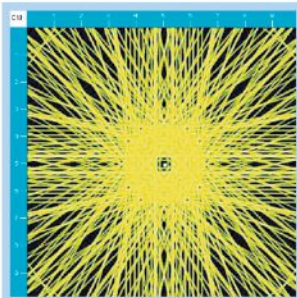


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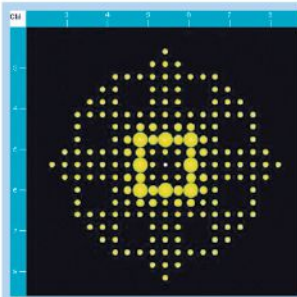


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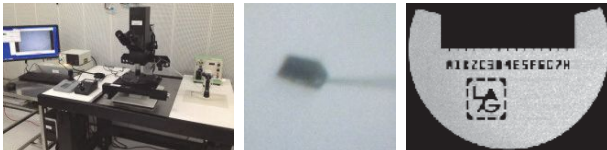
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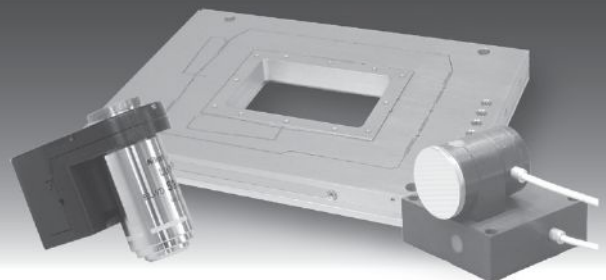
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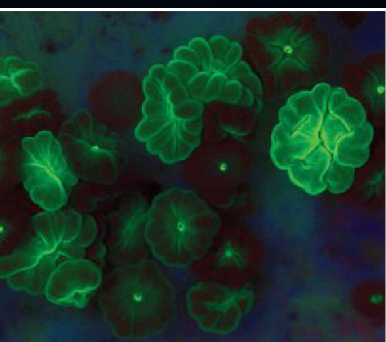
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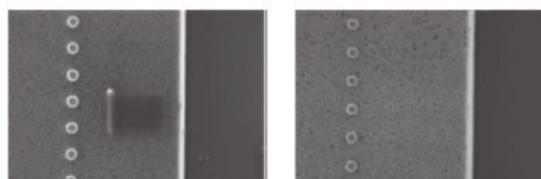


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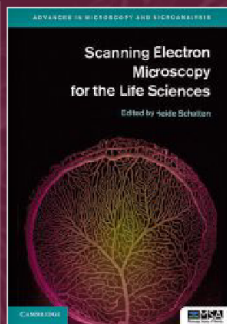
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US\$120.00; Hb: 978-0-521-19599-7; 312 pp

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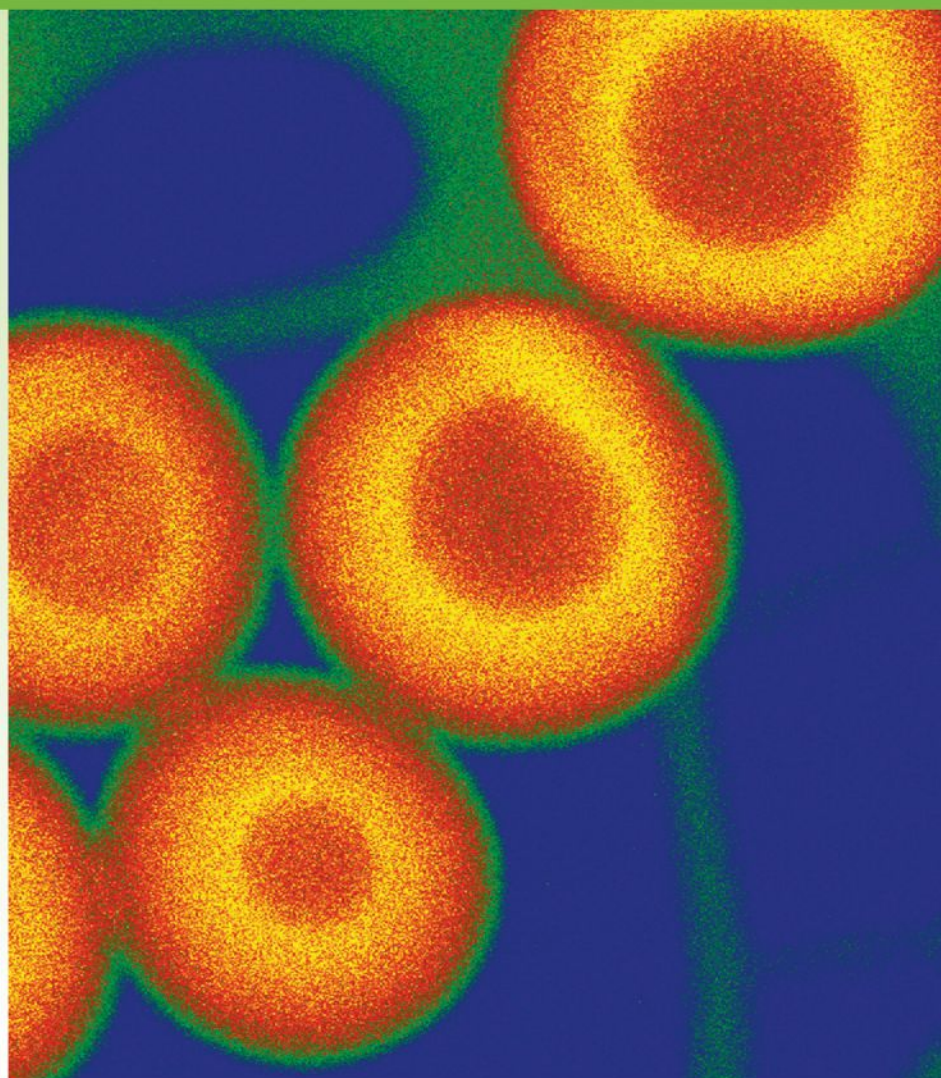
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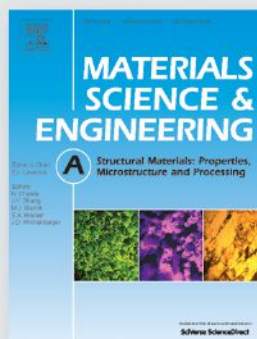
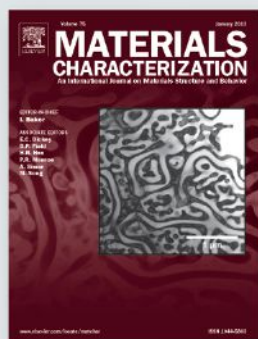
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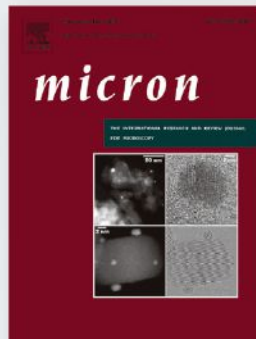
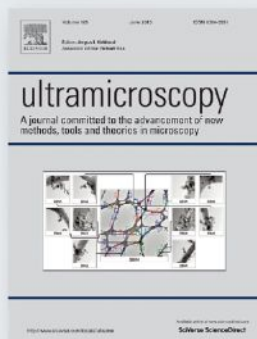
Professor A. Kirkland	Editor-In-Chief of Ultramicroscopy	Tuesday	8:30 AM	Room: 240
Professor R.F. Egerton	Editor of Micron	Tuesday	1:30 PM	Room: 240

Associated to presentations:

Professor I. Baker	Editor of Materials Characterization	Monday	3:00 PM	Room: Exhibit Hall
		Wednesday	3:00 PM	Room: Exhibit Hall
Professor E.J. Lavernia	Editor of Materials Science and Engineering: A	Thursday	10:00 AM	Room: Exhibit Hall
Professor K. Matyjaszewski	Editor of Progress in Polymer Science	Tuesday	3:00 PM	Room: Exhibit Hall



Dr. Baptiste Gault, materials science publisher at Elsevier, will be chairing the session A12 Atom Probe Tomography in Correlative Investigations.



These are some of the journals represented by their editors at this conference



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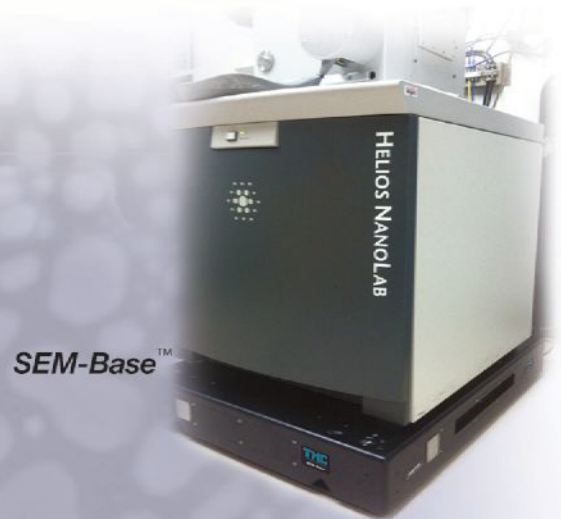


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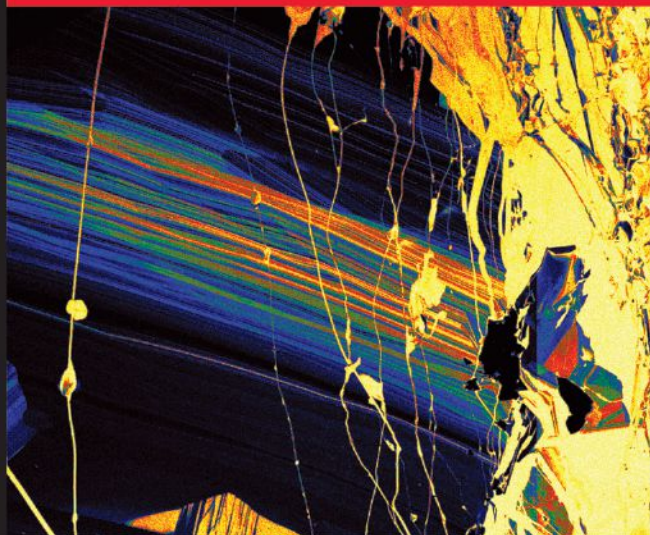
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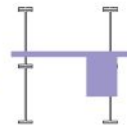
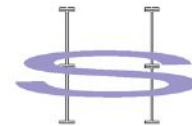
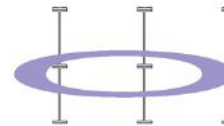
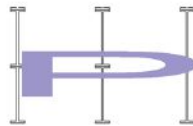
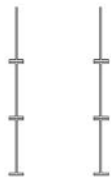
- Attend the Leica-sponsored Sunday Short Course : X10 Cryo-preparation for Biological EM by **Kent McDonald**
- Enjoy refreshments at Leica's scheduled in-booth tutorials on Monday evening
- Check in at the Leica booth for additional in-booth tutorials

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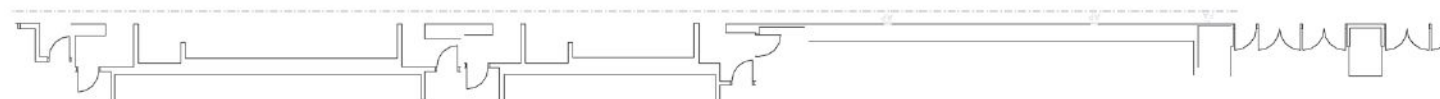
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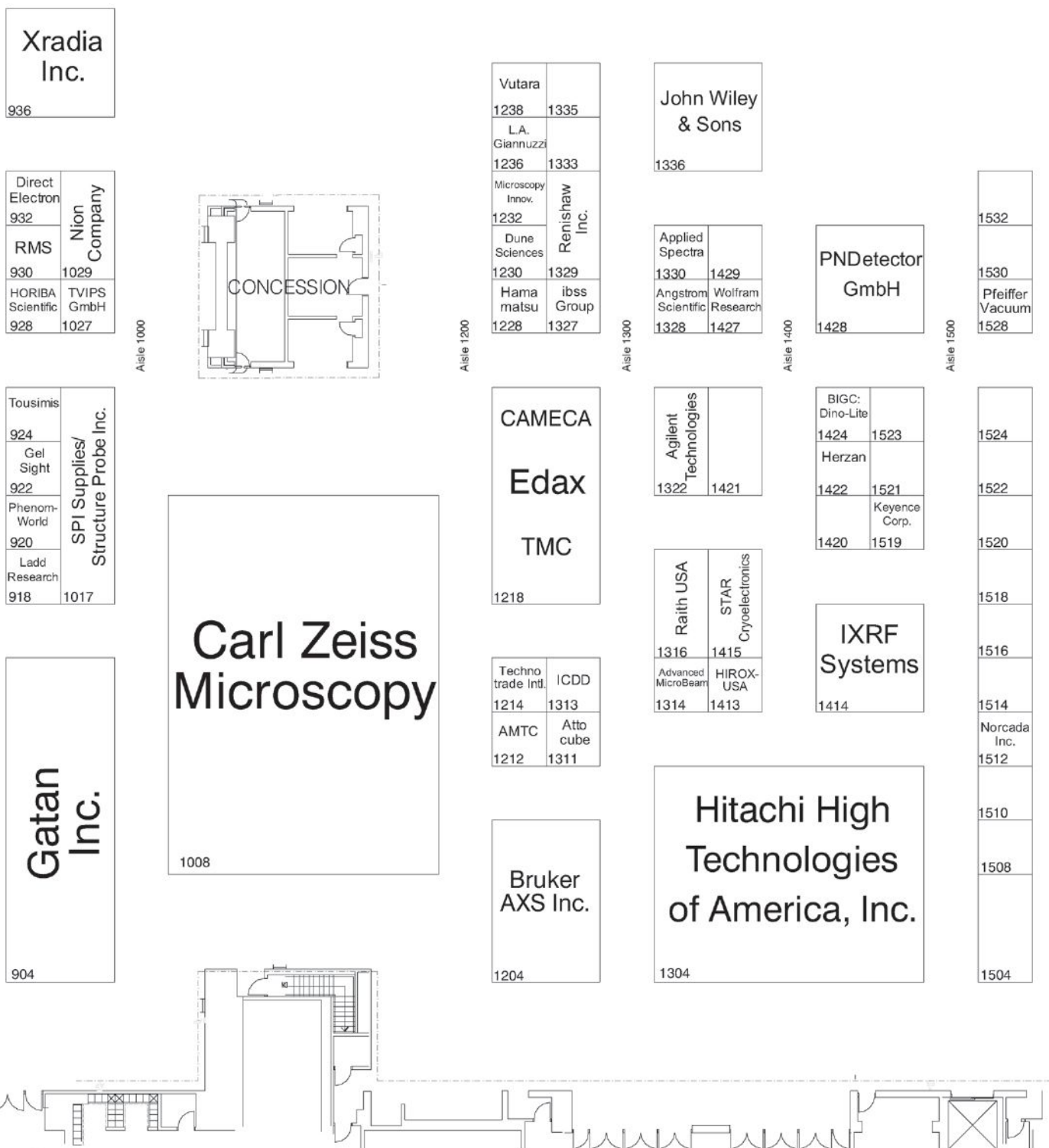
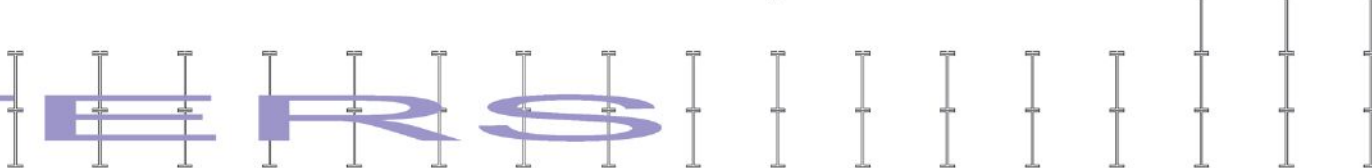
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