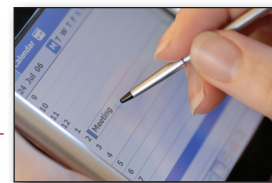


# Calendar

Edited by Paul Webster  
p.webster@oak-crest.org



## List your meeting here:

Following is a list of microscopy related meetings and courses. The editors would greatly appreciate input to this list via the electronic submission form under "events/other microscopy events" at the MSA webpage: [www.microscopy.org](http://www.microscopy.org). We will gladly add hypertext links to the notice on the web and insert a listing of the meeting in the next issue. Please furnish the following information (any additional information provided will be edited as required and printed on a space available basis):

- Meeting/Course name
- Meeting/Course dates
- Meeting/Course topic or short description
- Sponsoring society/organization/university
- Contact person
- Telephone number
- Fax number
- Email address
- URL for website

## General Links

**European Molecular Biology Organization Course & Workshops**  
[www.embo.org/programmes/courses-workshops.html](http://www.embo.org/programmes/courses-workshops.html)

**Gordon Research Conferences**  
[www.grc.org/meetings.aspx?year=2010](http://www.grc.org/meetings.aspx?year=2010)

**Keystone Symposia**  
[www.keystonesymposia.org/](http://www.keystonesymposia.org/)

**Lehigh Microscopy School Courses**  
[www.lehigh.edu/microscopy](http://www.lehigh.edu/microscopy)

**Marine Biological Laboratory (MBL), Woods Hole, MA, USA**  
[www.mbl.edu/education/](http://www.mbl.edu/education/)

**Royal Microscopical Society Annual Courses**  
[www.rms.org.uk/events/RMS\\_Annual\\_Courses](http://www.rms.org.uk/events/RMS_Annual_Courses)

## Meetings 2018

### Light Microscopy Facilities Managers Meeting 2018

**January 4–5, 2018**  
London, UK  
[www.rms.org.uk/discover-engage/event-calendar/lm-facility-managers-meeting-2018.html](http://www.rms.org.uk/discover-engage/event-calendar/lm-facility-managers-meeting-2018.html)

### EM-UK

**January 11–12, 2018**  
Glasgow, Scotland, UK  
[www.rms.org.uk/discover-engage/event-calendar/em-uk-2018.html](http://www.rms.org.uk/discover-engage/event-calendar/em-uk-2018.html)

### 45<sup>th</sup> International Conference on the Physics and Chemistry of Semiconductor Interfaces (PCSI-45)

**January 14–18, 2018**  
Kona, HI  
<https://pcsi2018.avso.org>

### 51st Miami Winter Symposium: Stem Cells - Today's Research Tomorrow's Therapies

**January 28–31, 2018**  
Miami, FL  
[www.miamiwintersymposium.com](http://www.miamiwintersymposium.com)

### Cryo-EM from Cells to Molecules: Multi-Scale Visualization of Biological Systems

**February 4–8, 2018**  
Tahoe City, CA  
Sponsor: Pfizer, Keystone Symposia  
[www.keystonesymposia.org/18F1](http://www.keystonesymposia.org/18F1)

### Cell Symposium: Next Gen Immunology

**February 11–14, 2018**  
Rehovot, Israel  
[www.cell-symposia.com/next-gen-immunology-2018](http://www.cell-symposia.com/next-gen-immunology-2018)

### Biophysical Society 62nd Annual Meeting

**February 17–21, 2018**  
San Francisco, CA  
[www.biophysics.org/Meetings/AnnualMeeting/Future/tabid/495/Default.aspx](http://www.biophysics.org/Meetings/AnnualMeeting/Future/tabid/495/Default.aspx)

### PITTCON 2018: Conference & Expo

**February 26–March 1, 2018**  
Orlando, FL  
<https://pittcon.org>

### International Conference on Nanoscopy (ICON 2018)

**February 27–March 2, 2018**  
Beilefeld, Germany  
[www.icon-europe.org](http://www.icon-europe.org)

### USCAP 2018 Annual Meeting

**March 17–23, 2018**  
Vancouver, BC, Canada  
[www.uscap.org/meetings/detail/2018-annual-meeting](http://www.uscap.org/meetings/detail/2018-annual-meeting)

### 255th ACS National Meeting & Exposition

**March 18–22, 2018**  
New Orleans, LA  
[www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html](http://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html)

### FOM 2018: FOCUS ON MICROSCOPY 2018

**March 25–28, 2018**  
Singapore, Republic of Singapore  
[www.focusonmicroscopy.org](http://www.focusonmicroscopy.org)

### 2018 MRS Spring Meeting & Exhibit

**April 2–6, 2018**  
Phoenix, AZ  
[www.mrs.org/spring2018](http://www.mrs.org/spring2018)

### EBSO 2018

**April 10–11, 2018**  
Plymouth, UK  
[www.rms.org.uk/ebsd](http://www.rms.org.uk/ebsd)

### American Society for Investigative Pathology Annual Meeting

**April 18–22, 2018**  
San Diego, CA  
[www.asip.org/meetings/EB\\_future.cfm](http://www.asip.org/meetings/EB_future.cfm)

### Histochemistry 2018

**April 21–25, 2018**  
San Diego, CA  
<http://histochemicalsociety.org/Meetings-and-Courses/Histochemistry-2018.aspx>

### ABRF 2018 Annual Meeting

**April 23–26, 2018**  
Myrtle Beach, SC  
Sponsor: Association of Biomolecular Resource Facilities  
<https://abrf.org/meetings>

### ICMCTF'18 – International Conference on Metallurgical Coatings & Thin Films

**April 23–27, 2018**  
San Diego, CA  
[www2.avso.org/conferences/ICMCTF](http://www2.avso.org/conferences/ICMCTF)

### SVC 61st Annual Technical Conference (TechCon'18)

**May 5–10, 2018**  
Orlando, FL  
Sponsor: Society of Vacuum Coaters  
Email: [svcinfo@svc.org](mailto:svcinfo@svc.org)  
[www.svc.org](http://www.svc.org)

### Aeromat 18: 29<sup>th</sup> Conference & Exposition

**May 7–9, 2018**  
Orlando, FL  
[www.asminternational.org/web/aeromat-2018/home](http://www.asminternational.org/web/aeromat-2018/home)

### ITSC 2018: International Thermal Spray Conference & Exposition

**May 7–10, 2018**  
Orlando, FL  
[www.asminternational.org/web/itsc-2018/home](http://www.asminternational.org/web/itsc-2018/home)

**SMST 18: International Conference on Shape Memory and Superelastic Technologies****May 17, 2018**Galway, Ireland  
www.asminternational.org/web/sms-2018/home**22nd Biennial Meeting of the International Society for Developmental Neuroscience****May 22–25, 2018**Nara, Japan  
www.isdn-conference.elsevier.com**International Conference on Applied Crystallography****June 4–5, 2018**London, UK  
http://crystallography.euroscicon.com**Cell Symposium: Multifaceted Mitochondria****June 4–6, 2018**San Diego, CA  
www.cell-symposia.com/mitochondria-2018**elmi2018: European Light Microscopy Initiative****June 5–8, 2018**Dublin, Ireland  
www.elmi2018.eu**Atom Probe Tomography and Microscopy 2018 (APT&M 2018)****June 10–15, 2018**Gaithersburg, MD  
www.nist.gov/news-events/events/2018/06/atom-probe-tomography-and-microscopy-2018-aptm-2018**28th Anniversary World Congress on Biosensors****June 12–15, 2018**Miami, FL  
www.elsevier.com/events/conferences/world-congress-on-biosensors**15th European Vacuum Conference (EVC-15)****June 17–22, 2018**Geneva, Switzerland  
www.evcl5.org**United Kingdom - Israel Workshop on Nano - Scale Crystallography for Bio and Materials Research****June 18–19, 2018**Tel Aviv, Israel  
www.nano.tau.ac.il/index.php/summer-school-2018**Second European FIB Workshop****June 19–20, 2018**Grenoble, France  
www.eu-f-n.org**The 52nd Annual Meeting of the Israel Society for Microscopy (ISM2018)****June 20, 2018**Tel Aviv, Israel  
www.ismicroscopy.org.il/ism2018**Society for Ultrastructural Pathology Meeting (Ultrapath XIX)****June 24–29, 2018**Newport, RI  
www.ultrapath.org**FENS Forum 2018****July 7–11, 2018**Berlin, Germany  
Email: forum2018@fens.org  
http://forum2018.fens.org**18th International Conference on Atomic Layer Deposition (ALD 2018)****July 29–August 1, 2018**Incheon, South Korea  
https://ald2018.avso.org**Microscopy & Microanalysis 2018****August 5–9, 2018**Baltimore, MD  
Email: nicoleguy@conferencemanagers.com  
www.microscopy.org**Denver X-Ray Conference****August 6–10, 2018**Westminster, CO  
www.dxcicdd.com**256th ACS National Meeting & Exposition****August 19–23, 2018**Boston, MA  
www.acs.org/content/acs/en/meetings/national-meetings/meetings.html**XRM 2018: 14th International Conference on X-ray Microscopy****August 19–24, 2018**Saskatoon, Canada  
www.xrm2018.com**International Microscopy Congress IMC-19****September 9–14, 2018**Sydney, Australia  
www.imc19.com**12th International Conference on Fatigue Damage of Structural Materials****September 16–21, 2018**Cape Cod - Hyannis, MA  
www.elsevier.com/events/conferences/international-conference-on-fatigue-damage-of-structural-materials**44th Annual NSH Symposium/Convention****September 21–26, 2018**St. Louis, MO  
www.eventsinamerica.com/events/44th-annual-nsh-annual-symposium-convention-national-society-for-histotechnology/ev57eebaa60a3d6**4th International Conference on BioTribology****September 26–29, 2018**Montreal, Canada  
www.elsevier.com/events/conferences/international-conference-on-biotribology**The 14th International Conference on Mid-IR Optoelectronics: Materials and Devices****October 7–10, 2018**Flagstaff, AZ  
www.avso.org/events-calendar.aspx#Event6111**MS&T2018: Materials Science & Technology****October 14–18, 2018**Columbus, OH  
www.showsbee.com/fairs/42388-Materials-Science-Technology-2018.html**AVS 65th International Symposium & Exhibition****October 21–26, 2018**Long Beach, CA  
www.avso.org/symposium**Neuroscience 2018****November 3–7, 2018**San Diego, CA  
Sponsor: Society for Neuroscience  
www.sfn.org**MRS 2018 Fall Meeting****November 25–30, 2018**Boston, MA  
www.mrs.org/fall2018**PacSurf 2018: Pacific Rim Symposium on Surfaces, Coatings, & Interfaces****December 2–6, 2018**Waikoloa, HI  
www.pacsurf.org**American Society for Cell Biology (ASCB) 2018 Annual Meeting****December 8–12, 2018**San Diego, CA  
http://ascb.org/future-ascb-annual-meetings**Courses 2018****Basic Course Resin Embedding and Ultrathin Sectioning****January 15–17, 2018**Utrecht, The Netherlands  
www.cellbiology-utrecht.nl/em-courses/basic-course-resin.html**EMBL Course: Brillouin Microscopy: Emerging Tool for Probing Mechanical Properties of Living Cells****January 17–19, 2018**Heidelberg, Germany  
www.embl.de/training/events/2018/BRI18-01/index.html

**Microscopy Characterization of organic-inorganic Interfaces****February 22–23, 2018**

London, UK

[www.rms.org.uk/microscopy-characterisation](http://www.rms.org.uk/microscopy-characterisation)**Quantitative Analysis of Grain Size Course****March 14, 2018**

Sheffield, UK

[www.rms.org.uk/grain-size](http://www.rms.org.uk/grain-size)**Area Selective Deposition Workshop****April 2–6, 2018**

Raleigh, NC

Email: [gnp@ncsu.edu](mailto:gnp@ncsu.edu)**NanoMed-Erice2018: International School of Nanomedicine; 3rd Course: Nanofluidics, Nanoimaging and Nanomanipulation****April 5–11, 2018**

Erice, Italy

<http://nanomib.wixsite.com/nanomedicineschool>**Cryo EM Course****April 23–28, 2018**

Rothamsted, UK

[www.rms.org.uk/cryo-em](http://www.rms.org.uk/cryo-em)**Three-Dimensional Electron Microscopy****June 3–8, 2018**

Newport, RI

Sponsor: Gordon Research Conferences

[www.grc.org/three-dimensional-electron-microscopy-conference/2018](http://www.grc.org/three-dimensional-electron-microscopy-conference/2018)**Lehigh Microscopy School****June 3–8, 2018**

Bethlehem, PA

[www.lehigh.edu/microscopy](http://www.lehigh.edu/microscopy)**Fundamentals of Widefield and Confocal Microscopy and Imaging****June 11–15, 2018**

Heidelberg, Germany

[www.embl.de/training/events/2018/MIC18-01/index.html](http://www.embl.de/training/events/2018/MIC18-01/index.html)**EMBO Practical Course – Advanced Electron Microscopy for Cell Biology****June 12–22, 2018**

Würzburg, Germany

<http://events.embo.org/coming-soon/index.php?EventID=pc18-03>**United Kingdom - Israel Workshop on Nano - Scale Crystallography for Bio and Materials Research****June 18–19, 2018**

Tel Aviv, Israel

[www.nano.tau.ac.il/index.php/summer-school-2018](http://www.nano.tau.ac.il/index.php/summer-school-2018)**Super Resolution Microscopy****July 9–14, 2018**

Heidelberg, Germany

[www.embl.de/training/events/2018/MIC18-03/index.html](http://www.embl.de/training/events/2018/MIC18-03/index.html)**Cryo-Electron Microscopy and 3D Image Processing****September 2–10, 2018**

Heidelberg, Germany

[www.embl.de/training/events/2018/CRY18-01/index.html](http://www.embl.de/training/events/2018/CRY18-01/index.html)**Company Events****Pharmaceutical Microscopy Workshop****January 22–26, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/pharma4.aspx](http://www.emsdiasum.com/microscopy/academy/courses/pharma4.aspx)**Materials Ultramicrotomy Workshop****January 30–February 1, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/materials\\_ultramicrotomy2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/materials_ultramicrotomy2.aspx)**Automated and Rapid Specimen Processing for Electron Microscopy Workshop****February 13–14, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/rapid\\_processing2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/rapid_processing2.aspx)**Aurion Immuno Gold Silver Staining Workshop****February 20–22, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/immunogold2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/immunogold2.aspx)**Biological SEM Workshop****March 6–8, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/biosem2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/biosem2.aspx)**Biological TEM Workshop****March 20–22, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/biotem2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/biotem2.aspx)**Materials Ultramicrotomy Workshop****April 3–5, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/materials\\_ultramicrotomy3.aspx](http://www.emsdiasum.com/microscopy/academy/courses/materials_ultramicrotomy3.aspx)**Cryo SEM Workshop****April 10–12, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/cryosem2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/cryosem2.aspx)**Pharmaceutical Chemical Imaging Workshop****April 17–18, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

<https://www.emsdiasum.com/microscopy/academy/courses/pharma5.aspx>**Introduction to Microscopy Techniques Workshop****May 8–10, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/intro\\_microscopy.aspx](http://www.emsdiasum.com/microscopy/academy/courses/intro_microscopy.aspx)**X-Ray Microanalysis Workshop****May 15–17, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/xray2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/xray2.aspx)**Cryosectioning/Immunogold Workshop****June 4–8, 2018**

Hatfield, PA

Sponsor: Electron Microscopy Sciences

[www.emsdiasum.com/microscopy/academy/courses/cryoimmuno2.aspx](http://www.emsdiasum.com/microscopy/academy/courses/cryoimmuno2.aspx)**Meetings 2019****Biophysical Society 63rd Annual Meeting****March 2–6, 2019**

Baltimore, MD

[www.biophysics.org/Meetings/AnnualMeeting/FutureAnnualMeetings/tabid/495/Default.aspx](http://www.biophysics.org/Meetings/AnnualMeeting/FutureAnnualMeetings/tabid/495/Default.aspx)**MRS Spring Meeting & Exhibit****April 22–26, 2019**

Phoenix, AZ

[www.mrs.org/spring2019](http://www.mrs.org/spring2019)**PICO 2019 - Fifth Conference on Frontiers of Aberration Corrected Electron Microscopy****May 5–9, 2019**

Kasteel Vaalsbroek, Netherlands

[www.er-c.org/pico2019/about.htm](http://www.er-c.org/pico2019/about.htm)**mmc2019: Microscience Microscopy Congress 2019****July 1–4, 2019**

Manchester, UK

[www.mmc-series.org.uk](http://www.mmc-series.org.uk)

**Microscopy & Microanalysis 2019****August 4–8, 2019**

Portland, OR

Email: nicoleguy@conferencemanagers.com

www.microscopy.org

**MC2019 Microscopy Conference****September 1–5, 2019**

Berlin, Germany

**MCM2019: 14th Multinational Congress on Microscopy****September 15–20, 2019**

Belgrade, Serbia

**Materials Science & Technology (MS&T) 2019****September 29–October 3, 2019**

Portland, OR

www.showsbee.com/fairs/42389-Materials-Science-Technology-2019.html

**Neuroscience 2019****October 19–23, 2019**

Chicago, IL

Sponsor: Society for Neuroscience

www.sfn.org

**MRS 2019 Fall Meeting****December 1–6, 2019**

Boston, MA

www.mrs.org/fall2019

**Meetings 2020****Biophysical Society 64th Annual Meeting****February 15–19, 2020**

San Diego, CA

www.biophysics.org/Meetings/AnnualMeeting/FutureAnnualMeetings/tabid/495/Default.aspx

**FENS Forum 2020****July 11–15, 2020**

Glasgow, Scotland

Email: forum2020@fens.org

www.fens.org/News-Activities/Calendar/Meetings/2020/07/FENS-Forum-2020

**Microscopy & Microanalysis 2020****August 2–6, 2020**

Milwaukee, WI

Email: nicoleguy@conferencemanagers.com

www.microscopy.org

**emc2020: European Microscopy Congress****August 23–28, 2020**

Copenhagen, Denmark

www.emc2020.eu

**Neuroscience 2020****October 24–28, 2020**

Washington, DC

Sponsor: Society for Neuroscience

www.sfn.org

**Meetings 2021****mmc2021: Microscience Microscopy Congress 2021****July 5–8, 2021**

Manchester, UK

www.mmc-series.org.uk

**Microscopy & Microanalysis 2021****August 1–5, 2021**

Pittsburgh, PA

Email: nicoleguy@conferencemanagers.com

www.microscopy.org

**Neuroscience 2021****November 13–17, 2021**

Chicago, IL

Sponsor: Society for Neuroscience

www.sfn.org

**Meetings 2022****Microscopy & Microanalysis 2022****July 31–August 4, 2022**

Portland, OR

Email: nicoleguy@conferencemanagers.com

www.microscopy.org

MT

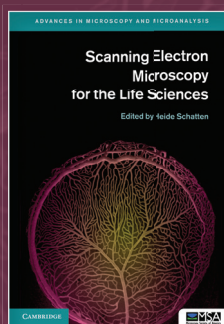
**CAMBRIDGE**New to the **Advances in Microscopy and Microanalysis** book series!**Scanning Electron Microscopy for the Life Sciences**

Heide Schatten

University of Missouri, Columbia

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

Recent developments in scanning electron microscopy (SEM) have resulted in a wealth of new applications for cell and molecular biology, as well as related biological disciplines. It is now possible to analyze macromolecular complexes within their three-dimensional cellular microenvironment in near native states at high resolution, and to identify specific molecules and their structural and molecular interactions. New approaches include cryo-SEM applications and environmental SEM (ESEM), staining techniques and processing applications combining embedding and resin-extraction for imaging with high resolution SEM, and advances in immuno-labeling. With chapters written by experts, this guide gives an overview of SEM and sample processing for SEM, and highlights several advances in cell and molecular biology that greatly benefited from using conventional, cryo, immuno, and high-resolution SEM.

**About the series**

The Press currently publishes the Microscopy and Microanalysis (MAM) journal in conjunction with the MSA, which reaches 4,000 microscopists and is affiliated with 12 international microscopy societies. The series would be a natural development from this journal, and will take a broad view of the discipline, covering topics from instrumentation to imaging, methodology and analysis across physical science, materials science, biology and medicine. Books commissioned for the series will range from advanced undergraduate textbooks through to research and practitioner oriented monographs for researchers. The series aims to produce a coherent source of material, encouraging the communication and exchange of ideas across these divergent fields, ensuring that the series appeals to a broad community in the physical and life sciences.

**Forthcoming titles in this series:****Microscopic Nanocharacterization of Materials**

by Michael Isaacson

**Energy Filtered Electron Microscopy and Electron Spectroscopy**

by Richard Leapman

**Dynamic Transmission Electron Microscopy**

by Nigel Browning, Thomas LaGrange, Bryan Reed, Henning Stahlberg, Bradley Siwick



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