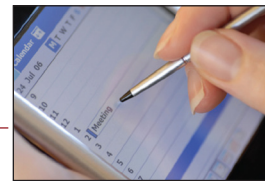


Calendar

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. 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

Meetings 2019

Netherlands Electron Microscopy Infrastructure Meeting

November 6, 2019
Geertekerk, The Netherlands
Contact: Mima Malcicka: miriama.malcicka@ffund.nl

EMBL in the USA 2019 Symposium: The Future of Transcontinental Science

November 8–9, 2019
Stanford, CA
www.embl.it/aboutus/alumni/events-networks/local-chapters/usa/96_usa_2019/index.html

ISTAFA: 2019

November 10–14, 2019
Portland, OR
www.asinternational.org/web/istfa-2019/home

NZCM 2019 – 29th New Zealand Conference on Microscopy

November 11–14, 2019
Hamilton, New Zealand
www.ivvy.com.au/event/Y7FLHK/home.html

Innovation in Material Science & Technology

November 17–19, 2019
Singapore
<https://symposium.acs.org/2019/singapore>

International Thin Films Conference (TACT2019)

November 17–20, 2019
Taipei, Taiwan
<http://tact2019.conf.tw/site/page.aspx?pid=901&sid=1245&lang=en>

One-Day flowcytometryUK Meeting 2019

November 21, 2019
Cambridge, UK
www.rms.org.uk/discover-engage/event-calendar/one-day-flowcytometryuk-meeting-2019.html

Advanced Microscopy Techniques for Plant-microbe Interaction Analysis

November 25–29, 2019
Tulln, Austria
www.plant-microbe-microscopy.com/program

MRS 2019 Fall Meeting

December 1–6, 2019
Boston, MA
www.mrs.org/fall2019

BPACRCM 2019 - Biological and Pharmaceutical Applications of CRS Microscopy

December 2–4, 2019
Odense, Denmark
www.conferencemanager.dk/CRS-microscopy2019

ASCB 2019 Annual Meeting

December 7–11, 2019
Washington, CA
www.ascb.org/meetings-events/future-ascb-meetings

8th International Conference on Mechanics of Biomaterials and Tissues

December 15–19, 2019
Waikoloa Beach, Hawaii
www.elsevier.com/events/conferences/international-conference-on-mechanics-of-biomaterials-and-tissues

Courses 2019

Scanning Electron Microscopy: Advanced Imaging Practices

November 4–5, 2019
Westmont, IL
Sponsor: Hooke College of Applied Sciences
www.mccrone.com/courses/sem-advanced-imaging

Biological SEM

November 5–7, 2019
Hatfield, PA
Sponsor: Electron Microscopy Sciences
www.emsmicroscopyacademy.com/product-page/biosem-nov19

Advanced X-ray Microanalysis

November 6–8, 2019
Westmont, IL
Sponsor: Hooke College of Applied Sciences
www.mccrone.com/courses/sem-advanced-eds

Biological TEM

November 12–14, 2019
Hatfield, PA
Sponsor: Electron Microscopy Sciences
www.emsmicroscopyacademy.com/product-page/biotem-nov19

Polarized Light Microscopy

November 18–22, 2019
Westmont, IL
Sponsor: Hooke College of Applied Sciences
www.mccrone.com/courses/polarized-light-microscopy-course

BRI2019 - Biomedical Raman Imaging 2019

November 24–26, 2019
Osaka, Japan
<https://lasie.ap.eng.osaka-u.ac.jp/bri>

Biological and Pharmaceutical Applications of CRS Microscopy

December 2–4, 2019
Odense, Denmark
www.conferencemanager.dk/CRS-microscopy2019

Microscopy TODAY

Innovation Awards



See the September 2019
issue for details about
this year's winners

Request application forms by email:
charles.lyman@lehigh.edu
Next deadline – March 21, 2020

Meetings 2020

UK Light Microscopy Facility Meeting 2020**January, 6–7, 2020**

Birmingham, UK

www.rms.org.uk/discover-engage/event-calendar/uk-light-microscopy-facility-meeting-2020.html

EM-UK 2020**January 9–10, 2020**

Plymouth, UK

www.rms.org.uk/discover-engage/event-calendar/em-uk-2020.html

Liquid Phase Electron Microscopy Gordon Research Conference**January 26–31, 2020**

Lucca (Barga), Italy

www.grc.org/_resources/common/userfiles/file/GRC%20at%20renaissance%20tuscany.pdf

APMC-2020 – 12th Asia-Pacific Microscopy Conference**February 3–7, 2020**

Hyderabad, India

www.apmc12.in

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

San Diego, CA

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

ACMM 26 – 26th Australian Conference on Microscopy and Microanalysis**February 15–20, 2020**

Canberra, Australia

www.acmm26.org/welcome

Future Materials 2020 – Materials Science & Nanotechnology Conference**February 26–28, 2020**

Lisbon, Portugal

Contact: rishi.k@materialeurope.com

http://materialsconference.yuktan.com

United States and Canadian Academy of Pathology (USCAP) Annual Meeting 2020**February 29–March 06, 2020**

Los Angeles, CA

www.emedevents.com/c/

medical-conferences-2020/

united-states-and-canadian-academy-of-

pathology-uscap-annual-meeting-2020

AIMS 2020 – AIMS Annual Conference**March 20, 2020**

Tempe, AZ

Sponsor: Arizona Imaging and Microanalysis Society

http://azmicroscopy.org/events

ACS Annual Conference. Macromolecular Chemistry: The Second Century**March 22–26, 2020**

Philadelphia, PA

www.acs.org/content/acs/en/meetings/national-meeting/abstract-submission.html

FOM2020 – Focus on Microscopy 2020**April 5–8, 2020**

Osaka, Japan

http://focusonmicroscopy.org

2020 MRS Spring Meeting & Exhibit**April 13–17, 2020**

Phoenix, AZ

www.mrs.org/spring2020

ICMCTF'20- International Conference on Metallurgical Coatings & Thin Films**April 26–May 1, 2020**

San Diego, CA

www2.avso.org/conferences/ICMCTF/2019/index.htm

30th Anniversary World Congress on Biosensors**May 26–29, 2020**

Busan, Korea

www.elsevier.com/events/conferences/world-congress-on-biosensors

ULTRAPATH XX**June 7–12, 2020**

Amsterdam, The Netherlands

https://ultrath.org

Gordon Research Seminar – Three Dimensional Electron Microscopy**June 20–21, 2020**

Castelldefels, Spain

www.grc.org/find-a-conference

Gordon Research Conference – Three Dimensional Electron Microscopy**June 21–26, 2020**

Castelldefels, Spain

www.grc.org/find-a-conference

8th International Workshop on Focused Electron Beam-Induced Processing (FEBIP)**July 8–10, 2020**

Glasgow, UK

http://febip.org

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

DXC 2020: Denver X-Ray Conference 2020**August 3–7, 2020**

Rockville, MD

www.dxcicdd.com

emc2020: 17th European Microscopy Congress**August 23–28, 2020**

Copenhagen, Denmark

www.emc2020.eu

16th International Congress of Histochemistry and Cytochemistry (ICHC)**August 30–September 2, 2020**

Prague, Czech Republic

http://ichc2020.com

ASM Annual Meeting (IMAT): Solving Global Materials Challenges**September 14–17, 2020**

Cleveland, OH

www.asminternational.org/web/imat

46th Annual NSH Symposium/Convention**October 16–21, 2020**

Reno, NV

Sponsor: National Society for

Histotechnology

www.histoconvention.org/futuredates.cfm

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

Washington, DC

Sponsor: Society for Neuroscience

www.sfn.org

AVS 67th International Symposium & Exhibition**October 25–30, 2020**

Denver, CO

www.avs.org/symposium

2020 MRS Fall Meeting & Exhibit**November 29–December 3, 2020**

Boston, MA

www.mrs.org/fall2020

ASCB 2020 Annual Meeting**December 5–9, 2020**

Philadelphia, PA

www.ascb.org/meetings-events/future-ascb-meetings

Courses 2020

Biological TEM: A Complete Picture

January 14–16, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/biotem-jan20

Resin Electron Microscopy

January 15–17, 2020

Utrecht, The Netherlands

www.cellbiology-utrecht.nl/electron-microscopy-courses/resin-electron-microscopy.html

Cryosectioning and Immuno-Electron Microscopy

January 20–23, 2020

Utrecht, The Netherlands

www.cellbiology-utrecht.nl/electron-microscopy-courses/cryosectioning-and-immuno-electron-microscopy.html

X-Ray Microanalysis

January 21–23, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/xray-jan20

Automated and Rapid Specimen Processing for Electron Microscopy

February 18–20, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/auto-feb20

Materials Ultramicrotomy

February 24, 2020 (Beginner)

February 25–27, 2020 (Some Experience)

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/materials-feb20

Introduction to Microscopy Techniques

March 3–5, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/intro-mar20

Biological SEM

March 17–19, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/biosem-mar20

Cryo SEM

March 24–26, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/cryosem-mar20

Aurion Immunogold Silver Staining

April 15–17, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/immunogold-apr20

Cryosectioning/Immunogold

April 20–24, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/cryoimmuno-apr20

Introduction to Microscopy Techniques

May 19–21, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/intro-may20

X-Ray Microanalysis

May 26–28, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/xray-may20

Lehigh Microscopy School: SEM and TEM

May 31–June 5, 2020

Bethlehem, PA

www.lehigh.edu/microscopy

Microscopy: The Complete Image - June

June 15–26, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/completeimage-jun20

Microscopy: The Complete Image - July

July 13–24, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/completeimage-jul20

Microscopy: The Complete Image - August

August 10–21, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/completeimage-aug20

Introduction to Microscopy Techniques

September 15–17, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/intro-sep20

Materials Ultramicrotomy

September 21, 2020 (Beginner)

September 22–24, 2020 (Some Experience)

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/materials-sep20

Cryo SEM

October 13–15, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/cryosem-oct20

Biological SEM

October 20–22, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/biosem-oct20

Aurion Immunogold Silver Staining

November 10–12, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/immunogold-nov20

Biological TEM

November 17–19, 2020

Hatfield, PA

Sponsor: Electron Microscopy Sciences

www.emsmicroscopyacademy.com/product-page/biotem-nov20

Meetings 2021

2021 MRS Spring Meeting & Exhibit

April 19–23, 2021

Seattle, WA

www.mrs.org/spring2021

EMAS 2021 – 17th European Workshop on Modern Developments and Applications in Microbeam Analysis

May 16–20, 2021

Krakow, Poland

www.microbeamanalysis.eu/events/event/60-emas-2021-17th-european-workshop-on-modern-developments-and-applications-in-microbeam-analysis

**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

**Microscopy Conference
(Dreiländertagung) MC 2021**

August 22–26, 2021
Vienna, Austria
<https://asem.at/events>

Microscopy Conference 2021

August 23–27, 2021
Vienna, Austria
www.microscopy-conference.de

**47th Annual NSH Symposium/
Convention**

September 16–23, 2021
Omaha, NE
Sponsor: National Society for
Histotechnology
www.histoconvention.org/futuredates.cfm

Neuroscience 2021

November 13–17, 2021
Chicago, IL
Sponsor: Society for Neuroscience
www.sfn.org

2021 MRS Fall Meeting

November 28–December 3, 2021
Boston, MA
www.mrs.org/fall2021

ASCB 2021 Annual Meeting

December 11–15, 2021
San Diego, CA
www.ascb.org/meetings-events/future-ascb-meetings

Meetings 2022**FENS Forum 2022**

July 9–13, 2022
Paris, France
Email: forum2022@fens.org
www.fens.org/News-Activities/Calendar/Meetings/2022/07/FENS-Forum-2022

Microscopy & Microanalysis 2022

July 31–August 4, 2022
Portland, OR
Email: nicoleguy@conferencemanagers.com
www.microscopy.org

**IMC20: 20th International
Microscopy Congress**

September 25–30, 2022
Busan, Korea
<https://uia.org/other-news/30413>

Meetings 2023**Microscopy & Microanalysis 2023**

July 24–28, 2023
Minneapolis, MN
www.microscopy.org

Meetings 2024**Microscopy & Microanalysis 2024**

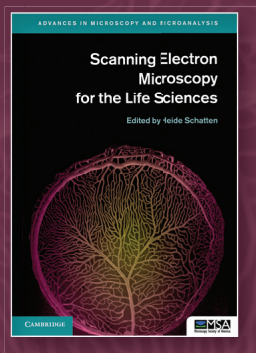
July 28–August 1, 2024
Cleveland, OH
www.microscopy.org

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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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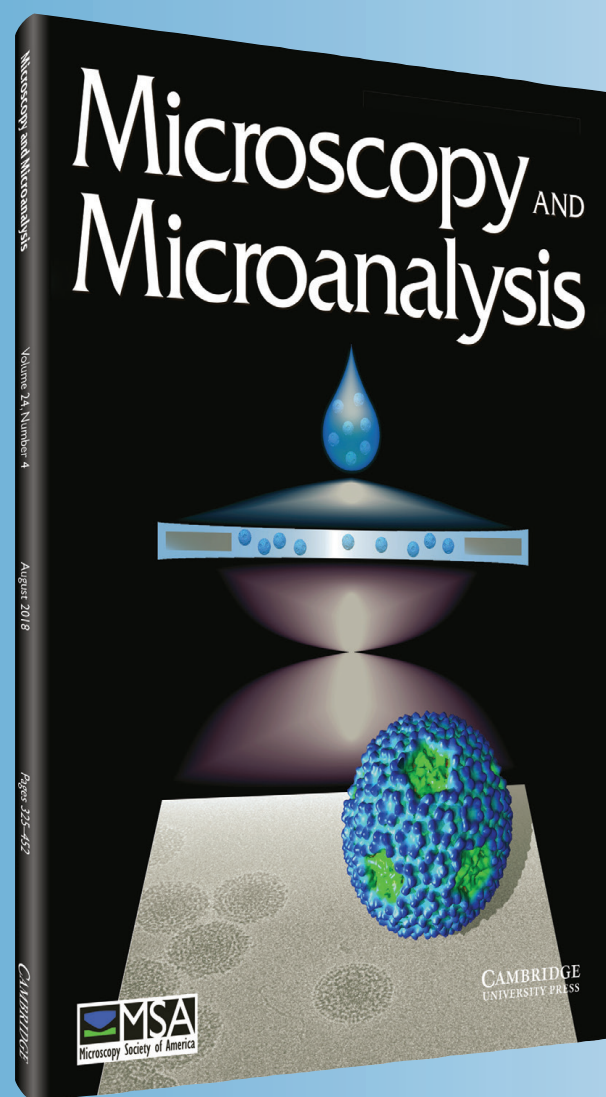
2018 Journal Citation Reports

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Editor Dr John Mansfield

Microscopy and Microanalysis publishes original research papers in the fields of microscopy, imaging, and compositional analysis. This distinguished international forum is intended for microscopists in both biology and materials science.

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