Calendar

Edited by Paul Webster pwebster@usc.edu

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

General Links

European Molecular Biology Organization Course & Workshops

www.embo.org/programmes/courses-workshops.html

Gordon Research Conferences

www.grc.org/meetings.aspx?year=2010

Keystone Symposia

www.keystonesymposia.org/

Lehigh Microscopy School Courses

www.lehigh.edu/microscopy

Marine Biological Laboratory (MBL), Woods Hole, MA, USA

www.mbl.edu/education/

Royal Microscopical Society Annual Courses

www.rms.org.uk/events/RMS_Annual_Courses

Meetings 2016

LM Facility Managers Meeting 2016

January 7-8, 2016

Oxford, UK

60

www.rms.org.uk/events/Forthcoming_Events/ fmm2015

Physics and Chemistry of Semiconductor Surfaces and Interfaces (PCSI-43)

January 17-21, 2016

Location: Palm Springs, CA Email: brillson.1@osu.edu www.pcsiconference.org

ACMM 24: Australian Conference on Microscopy & Microanalysis

January 31-February 4, 2016

Melbourne, Australia www.microscopy.org.au

24th Australian Conference on Microscopy and Microanalysis

February 1-4, 2016

Melbourne, Australia Email: ehanssen@unimelb.edu.au www.acmm2016.org

Nanoscience and Nanotechnology (ICONN) 2016

February 7-11, 2016

Canberra, Australia www.ausnano.net/iconn2016

2016 Lawrence Symposium on Epitaxy

February 21-24, 2016

Scottsdale, AZ.

http://engineering.asu.edu/semte/ls2016

Biophysical Society, Cryo-EM Subgroup

February 27, 2016

Los Angeles, CA

Email: egelman@virginia.edu www.biophysics.org/Meetings/AnnualMeeting/

tabid/85/Default.aspx

60th Annual Meeting, Biophysical Society

February 27-March 2, 2016

Los Angeles, CA

www.biophysics.org/Meetings/AnnualMeeting/ tabid/85/Default.aspx

10th International Conference on Optics-Photonics Design and **Fabrication**

February 28-March 2, 2016

Ravensburg, Germany www.odf16.de

PITTCON Conference and Expo 2016

March 6-10, 2016

Atlanta, GA http://pittcon.org

EMIM 2016: 11th European Molecular **Imaging Meeting**

March 8-10, 2016

Utrecht, The Netherlands www.e-smi.eu/index.php?id=1976

27th Annual Meeting of the German Society for Parasitology

March 9-12, 2016

Göttingen, Germany www.parasitology-meeting.de

Mid-Infrared Coherence Sources (MICS)

March 20-22, 2016

Long Beach, CA

www.osa.org/en-us/meetings/ optics_and_photonics_congresses/ high-brightness_sources_and_light-driven_ interacti/mid-infrared_coherence_sources

FOM 2016 - Focus on Microscopy

March 20-23, 2016

Taipei, Taiwan

www.focusonmicroscopy.org

2016 MRS Spring Meeting & Exhibition

March 28-April 1, 2016

Phoenix, AZ

www.mrs.org/spring2016

American Society for Investigative Pathology Annual Meeting

April 2-6, 2016

San Diego, CA

www.asip.org/meetings/EB_future.cfm

26th Annual Meeting of the Society for Virology

April 6-9, 2016

Münster, Germany www.virology-meeting.de

EMAG 2016

April 7-8, 2016

Durham, UK

Sponsor: Institute of Physics Electron Microscopy and Analysis Group http://emag2016.iopconfs.org/home

Optics and the Brain

April 25-28, 2016

Fort Lauderdale, FL

www.osa.org/en-us/meetings/optics_and_ photonics_congresses/biomedical_optics/ optics_and_the_brain

ICMCTF'16 - International Conference On Metallurgical Coatings & Thin Films

April 25-29, 2016

San Diego, CA

Email: pgreene@mrl.uiuc.edu

ARVO 2016 Annual Meeting

May 1-5, 2016

Seattle, WA

Sponsor: The Association for Research in Vision and Opthalmology www.arvo.org/Annual_Meeting/2015/ Save_the_date

EMAS 2016 - 12th Regional Workshop: **Electron Probe Microanalysis of** Materials Today - Practical Aspects

May 8-11, 2016

Bagnols-sur-Cèze, France Email: luc.vantdack@uantwerpen.be www.microbeamanalysis.eu

CAMBRIDGE

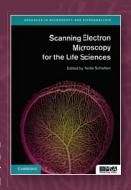
New to the Advances in Microscopy and Microanalysis book series!

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 molecu les 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



www.cambridge.org/us 800.872.7423









Electron-probe Microanalysis (EPMA)

May 16-19, 2016 | University of Wisconsin, Madison

SCIENTIFIC PROGRAM

Tutorials • Quantitative WDS and EDS microanalysis • FE-EPMA and SEM • Microanalysis standards • Compositional mapping • Quality control • Practical microanalysis • Advances in detector hardware • Microanalysis applications • CL and Soft X-ray spectroscopy • Early Career Scholar platform and poster presentations • Sponsor technical presentations

GROUP SESSIONS

User group meetings • Problem solving • Laboratory demonstrations • Help from the experts • Software tools

SCIENTIFIC AND SOCIAL EVENTS

Group meals and banquet • Poster sessions • Networking opportunities

Improve your microanalysis skills, meet new people, and learn from the experts

www.microbeamanalysis.org

MICROANALYSIS SOCIETY TOPICAL CONFERENCE - EBSD 2016



THE UNIVERSITY OF ALABAMA' Microanalysis Society MAY 24 - 26

Electron
Backscatter
Diffraction (EBSD)

MAY 24-26, 2016 University of Alabama, Tuscaloosa, AL USA

Registration
Opens:
November
1, 2015

Abstract Submission: 12/1/15 - 3/1/16

May 24 · EBSD Tutorials

Diffraction physics • Software • Experimental set-up • Data acquisition • Analysis • Sample preparation • Case studies • Hands-on demos with latest EBSD systems

May 25-26 • Technical Symposia

Platform & poster presentations • EBSD development and application in materials science and geological sciences



\$200 for professionals (\$240 for non-MAS members) **\$80 for students** (\$90 for non-MAS members)

http://www.microbeamanalysis.org/topical-conferences/ebsd-2016/welcome

4th Conference on Advanced Nanoparticle Generation and Excitation by Lasers in Liquids (ANGEL)

May 9-12, 2016

Essen, Germany http://angel-conference.org

Bacteriology Congress 2016

May 16-18, 2016

San Antonio, TX

http://bacteriology.omicsgroup.com

EPMA 2016: Electron Probe Microanalysis Topical Conference

May 16-19, 2016

Madison, WI

www.microbeamanalysis.org/topical-conferences/ epma-2016-1/epma-2016

EPMA 2016 Topical Conference Electron-probe Microanalysis

May 17-19, 2016

Madison, WI

Sponsor: Microanalysis Society www.microprobe.org/topical-conferences/ epma-2016-1/epma-2016

APMC11 – 11th Asia-Pacific Microscopy Conference

May 23–27, 2016 Phuket, Thailand

www.apmc11.org

EBSD 2016 Electron Backscatter Diffraction Topical Conference

May 24-26, 2016

Tuscaloosa, AL

Sponsor: Microanalysis Society Email: lnbrewer1@eng.ua.edu

www.microbeamanalysis.org/topical -conferences/ebsd-2016/welcome

43rd Annual Meeting of SCUR

May 26-28, 2016

Galway, Ireland

www.scur.org/content/e1163/e1164/index_ger. html

19th International Congress of Cytology

May 28-June 1, 2016

Pacifico Yokohama, Japan www.cytologyjapan2016.com

ISM2016 – ISM Golden Jubilee Conference: The 50th Annual Meeting of the Israel Society for Microscopy

May 31-June 2, 2016

Haifa, Israel

www.ismicroscopy.org.il/ism2016

CIMTEC 2016 – 5th International Conference: Smart and Multifunctional Materials, Structures and Systems

June 5-9, 2016

Perugia, Italy

http://2016.cimtec-congress.org/ 5th_international_conference_smart_and_ multifunctional_materials_structures_and_ systems

CIMTEC 2016 – 11th International Conference: Medical Applications of Novel Biomaterials and Nanotechnology

June 5-9, 2016

Perugia, Italy

http://2016.cimtec-congress.org/

11th_international_conference_medical_applications_of_novel_biomaterials_and_nanotechnology

Inter/Micro: 68th Annual Applied Microscopy Conference

June 6-10, 2016

Chicago, IL

E-mail: intermicro@mcri.org www.mcri.org

ICON Europe 2016: 1st International Conference On Nanoscopy

June 7-10, 2016

Basel, Switzerland www.icon-europe.org

43rd MSC Annual Meeting

June 7-10 2016

Edmonton, Alberta

http://conference2016.msc-smc.org

SCANDEM 2016

June 7-10, 2016

Trondheim, Norway

Sponsor: Nordic Microscopy Society www.ntnu.edu/physics/scandem2016

American Conference on Neutron Scattering (ACNS 2016)

June 10-14, 2016

Long Beach, CA

www.mrs.org/acns-2016

Engineering Approaches to Biomolecular Motors: From in vitro to in vivo

June 14-17, 2016

Vancouver, Canada

www.biophysics.org/2016vancouver/Home/tabid/6467/Default.aspx

15th International Congress of Histochemistry and Cytochemistry (ICHC 2016)

June 19-22, 2016

Istanbul, Turkey

www.ichc2016.com

58th Electronic Materials Conference (EMC)

June 22-24, 2016

Newark, DE

www.mrs.org/58th-emc

Bacterial Cell Surfaces: Gordon Research Seminar

June 25-26, 2016

West Dover, VT

www.grc.org/programs.aspx?id=17127

Plant Biology Europe 2016 Congress

June 26-30, 2016

Prague, Czech Republic Sponsors: EPSO/FESPB E-mail: kodymova@guarant.cz www.europlantbiology2016.org

International Conference on Physics

June 27-29, 2016

New Orleans, LA

http://physics.conferenceseries.com

FENS Forum 2016: 10th FENS Forum on Neuroscience

July 2-6, 2016

Copenhagen, Denmark http://forum2016.fens.org

Scanning Probe Microscopy Meeting

July 6-7, 2016

Warwick, UK

www.rms.org.uk/events/Forthcoming_Events/ scanning-probe-microscopy-meeting-2015

11th European Congress of Neuropathology

July 6-9, 2016

Bordeaux, France

www.euro-cns.org/home/events/euro-cns-congress

Ultrapath XVIII

July 10-16, 2016

Lisbon, Portugal

www.ultrapath.org

Frontiers in BioImaging 2016

July 14-15, 2016

London, UK

Sponsor: Royal Microscopical Society

Email: kate@rms.org.uk

www.rms.org.uk/frontiers-in-bioimaging

Diffraction Methods in Structural Biology: Gordon Research Seminar

July 16-17, 2016

Lewiston, ME

www.grc.org/programs.aspx?id=16486

Novel Optical Materials and Applications

July 18-21, 2016

Vancouver, BC, Canada www.osa.org/en-us/meetings/ optics_and_photonics_congresses/ advanced_photonics_%281%29/novel_optical_ materials_and_applications_%281%29

ICCB 2016 – 12th International Congress of Cell Biology

July 21-25, 2016

Prague, Czech Republic http://iccb2016.org

Microscopy & Microanalysis 2016

July 24-28, 2016

Columbus, OH

Email: nicoleguy@conferencemanagers.com www.microscopy.org

19th International Conference on Non-Contact Atomic Force Microscopy

July 25-29, 2016

Nottingham, UK

Sponsor: Institute of Physics http://ncafm2016.iopconfs.org/home

XRM2016 – X-Ray Microscopy Conference 2016

August 15-19, 2016

Oxford, UK

www.xrm2016.com

252nd ACS National Meeting & Exposition

August 21-25, 2016

Philadelphia, PA

www.acs.org/content/acs/en/meetings/ nationalmeetings/meetings.html

Extracellular Vesicles

August 21-26, 2016

Newry, ME

Sponsor: Gordon Research Conferences www.grc.org/programs.aspx?id=17267

EMC 2016: 16th European Microscopy Congress

August 28-September 2, 2016

Lyon, France

Sponsor: European Microscopy Society http://emc2016.fr

LSFM 2016: 3rd Light Sheet Fluorescence **Microscopy International Conference**

August 31-September 3, 2016

Sheffield, UK

Sponsor: Royal Microscopical Society Email: contact@lsfm2016.org www.lsfm2016.org

Liposomes, Exosomes, and Virosomes: From Modeling Complex Membrane **Processes to Medical Diagnostics and Drug Delivery**

September 11-16, 2016

Ascona, Switzerland

www.biophysics.org/Meetings/ThematicMeetings/ UpcomingThematicMeetings/tabid/3864/ Default.aspx

National Society for Histotechnology: 42nd Annual Symposium/Convention

September 16-21, 2016

Long Beach, CA

Sponsor: National Society for Histotechnology Email: histo@nsh.org www.nsh.org

AP 2016: XXXI International Congress of the International Academy of Pathology and ESP 2016: 28th Congress of the **European Society of Pathology**

September 28-30, 2016

Cologne, Germany

www.esp-congress.org/2016

Stress Evolution in Thin Films and Coatings: From Fundamental **Understanding to Control (STRESS'16)**

October 2-5, 2016

Chicago, IL

E-mail: ludvik.martinu@polymtl.ca www.avs.org

Frontiers in Optics: The 100th OSA Annual Meeting and Exhibit/Laser Science XXXII

October 17-21, 2016

Rochester, NY

E-mail: custserv@osa.org

www.osa.org/en-us/meetings/global_calendar/ events/frontiers_in_optics_the_100th_osa_ annual_meeting_a

AVS 63rd International Symposium and **Exhibition**

November 6-11, 2016

Nashville, TN

Email: yvonne@avs.org www.avs.org

Neuroscience 2016

November 12-16, 2016

San Diego, CA

Sponsor: Society for Neuroscience www.sfn.org

American Society for Cell Biology (ASCB) 2016 Annual Meeting

December 3-7, 2016

San Francisco, CA

http://ascb.org/future-ascb-annual-meetings

Courses 2016

Infrared Microscopy

January 5-7, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/infrared-microscopy-course

Basics of Resin Embedding and Ultrathin Sectioning Section

January 18-20, 2016

Utrecht, The Netherlands www.cellbiology-utrecht.nl/em-courses/basiccourse-resin.html

Basics of the Tokuyasu Technique (ultrathin cryo-sectioning of chemically fixed material and immunogold labeling)

January 22-25, 2016

Utrecht, The Netherlands www.cellbiology-utrecht.nl/em-courses/basiccourse-cryosectioning.html

10th Winter School on Cardiovascular **Imaging**

January 31-February 5, 2016

Les Houches, France

www.e-smi.eu/index.php?id=topim-2016

Identification of White Powder Unknowns

February 8-12, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/

white-powder-unknowns-course

Polarized Light Microscopy

March 7-11, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/ polarized-light-microscopy-course

Raman Microspectroscopy

March 8-10, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/

raman-microspectroscopy-course

Immunohistochemistry and Microscopy **Short Course**

March 12-17, 2016

Woods Hole, MA

www.mbl.edu/education/special-topics-courses/ immunohistochemistry-and-microscopy-

EMBL Workshop: From 3D Light to 3D **Electron Microscopy**

March 13-16, 2016

Heidelberg, Germany www.embl.de/training/events/2016/ZEI16-01/ speakers_gallery

Scanning Electron Microscopy

March 14-18, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/

scanning-electron-microscopy-course

Analysis of Low Explosives

March 30-April 1, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/analysis-of-low-explosives

Transmission Electron Microscopy

April 5-7, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/transmission-electronmicroscopy-tem-course

Gunshot Residue Identification

April 12-14, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/gunshot-residueidentification-course

Porto AFM Training Workshop 2016

April 16-19, 2016

Porto, Portugal http://afmhelp.com/course

Microscopic Particle Handling: Sample **Preparation**

April 26-28, 2016

Westmont, IL

Sponsor: Hooke College of Applied Sciences www.mccrone.com/microscopic-particlehandling-particle-isolation-manipulationand-mounting-course

Lehigh Microscopy School

June 5-10, 2016

Bethlehem, PA Email: sharon.coe@lehigh.edu www.lehigh.edu/microscopy

EMBO Practical Course: Advanced Methods of Electron Microscopy in Cell Biology

June 14-24, 2016

Ceske Budejovice, Czech Republic http://events.embo.org/coming-soon/index. php?EventID=pc16-01

Advanced Course: Correlative Light and Electron Microscopy (CLEM)

June 23-28, 2016

Utrecht, The Netherlands www.cellbiology-utrecht.nl/em-courses/ advanced-course-correlative-light-electronmicroscopy.html

Scanning Probe Microscopy Course

July 4-5, 2016

Warwick, UK www.rms.org.uk/spm-course

Light Microscopy Summer School

July 4-6, 2016

York, UK

Sponsor: Royal Microscopical Society Email: karina@rms.org.uk www.rms.org.uk/LMschool

Getting the Most from Your Confocal

July 7-8, 2016

York, UK

Sponsor: Royal Microscopical Society Email: karina@rms.org.uk www.rms.org.uk/confocal

Flow Cytometry Course

September 12-16, 2016

York, UK

Sponsor: Royal Microscopical Society Email: karina@rms.org.uk

www.rms.org.uk/discover-engage/event-calendar/ flow-cytometry-course.html

Meetings 2017

Biophysical Society 61st Annual Meeting February 11–15, 2017

More Orleans I A

New Orleans, LA

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

Novel Techniques in Microscopy

April 2-5, 2017

San Diego, CA

E-mail: custserv@osa.org www.osa.org/en-us/meetings/ global_calendar/events/

novel_techniques_in_microscopy_%281%29

253rd ACS National Meeting & Exposition

April 2-6, 2017

San Francisco, CA

www.acs.org/content/acs/en/meetings/ nationalmeetings/meetings.html

American Society for Investigative Pathology Annual Meeting

April 22-26, 2017

San Francisco, CA

www.asip.org/meetings/EB_future.cfm

ICMCTF'17 – International Conference On Metallurgical Coatings & Thin Films

April 24-28, 2017

San Diego, CA Contact: Phyllis Greene Email: pgreene@mrl.uiuc.edu

PICO 2017 – Fourth Conference on Frontiers of Aberration Corrected Electron Microscopy

April 30-May 4, 2017

Kasteel Vaalsbroek, The Netherlands www.er-c.org/pico2017/about.htm

EMAS 2017 - 15th European Workshop on Modern Developments and Applications In Microbeam Analysis and Iumas vii

May 7-11, 2017

Konstanz, Germany

Email: luc.vantdack@uantwerpen.be www.microbeamanalysis.eu/events

European Conferences on Biomedical Optics (ECBO)

June 25-29, 2017

Munich, Germany

www.osa.org/en-us/meetings/topical_meetings/ european_conferences_on_biomedical_optics

Microscience Microscopy Congress and EMAG2017 (mmc2017)

July 3-6, 2017

Manchester, UK

Sponsor: Royal Microscopical Society Email: contact@mmc-series.org.uk www.mmc-series.org.uk

Microscopy & Microanalysis 2017

July 23-27, 2017

St. Louis, MO

Email: nicoleguy@conferencemanagers.com www.microscopy.org

254th ACS National Meeting & Exposition

August 20-24, 2017

Washington, DC

www.acs.org/content/acs/en/meetings/ nationalmeetings/meetings.html

National Society for Histotechnology 43rd Annual Symposium/Convention

September 15-20, 2017

Orlando, FL

Sponsor: National Society for Histotechnology Email: histo@nsh.org www.nsh.org

AVS 64th International Symposium and Exhibition

October 29-November 3, 2017

Tampa, FL

Contact: Yvonne Towse Email: yvonne@avs.org www.avs.org

Neuroscience 2017

November 11-15, 2017

Washington, DC

Sponsor: Society for Neuroscience www.sfn.org

American Society for Cell Biology (ASCB) 2017 Annual Meeting

December 2-6, 2017

Philadelphia, PA

http://ascb.org/future-ascb-annual-meetings

Meetings 2018

Biophysical Society 62nd Annual Meeting

February 17-21, 2018

San Francisco, CA

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

American Society for Investigative Pathology Annual Meeting

April 18-22, 2018

San Diego, CA

www.asip.org/meetings/EB_future.cfm

FENS Forum 2018

July 7-11, 2018

Berlin, Germany

Email: forum2018@fens.org

www.fens.org/About-Neuroscience/Calendar/ Meetings/2018/07/FENS-Forum-2018

Microscopy & Microanalysis 2018

August 5-9, 2018

Baltimore, MD

Email: nicoleguy@conferencemanagers.com www.microscopy.org

Neuroscience 2018

November 3-7, 2018

San Diego, CA

Sponsor: Society for Neuroscience www.sfn.org

American Society for Cell Biology (ASCB) 2018 Annual Meeting

December 8-12, 2018

San Diego, CA

http://ascb.org/future-ascb-annual-meetings

Meetings 2019

Microscopy & Microanalysis 2019

August 4-8, 2019

Portland, OR

Email: nicoleguy@conferencemanagers.com www.microscopy.org

Neuroscience 2019

October 19-23, 2019

Chicago, IL

Sponsor: Society for Neuroscience www.sfn.org

Meetings 2020

Microscopy & Microanalysis 2020

August 2-6, 2020

Milwaukee, WI

Email: nicoleguy@conferencemanagers.com www.microscopy.org

Neuroscience 2020

October 24-28, 2020

Washington, DC

Sponsor: Society for Neuroscience

www.sfn.org