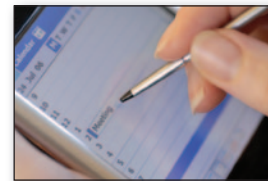


Calendar

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
- E-mail address
- URL for website

General Links

Arizona State Winter School on High Resolution Electron
<http://le-csss.asu.edu/winterschool>

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 2012

1st International Conference on Drug Therapy in TB Infection

January 6–7, 2012
Barcelo Carlton Hotel, Edinburgh, United Kingdom
Sponsor: Africa Health Research Organization
www.eventsbot.com/events/eb662245306

High-Throughput Structural Biology with Structural Biology of Cellular Processes: From Atoms to Cells

January 22–27, 2012
Keystone Resort, CO
Sponsor: Keystone Symposia and Bayer USA Foundation
Phone: +1 800-253-0685
www.keystonesymposia.org

APMC 10: 10th Asia-Pacific Microscopy Conference ACMM 22: Australian Conference on Microscopy and Microanalysis ICONN 2012: International Conference on Nanoscience and Nanotechnology

February 5–9, 2012
Perth Exhibition & Conference Center, Perth, Australia
Email: emma@eecw.com.au
www.apmc-10.org
www.acmm-22.org
www.iconn-2012.org

56th Biophysical Society Annual Meeting

February 25–29, 2012
San Diego, CA
www.biophysics.org/2012meeting/Main/tabid/2386/Default.aspx

TMS 2012

March 11–15, 2012
Orlando, FL
www.tms.org

Pittcon 2012

March 11–16, 2012
Orlando, FA

Sponsor: Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy
www.pittcon.org

22nd Annual Meeting of the German Society for Virology

March 14–17, 2012
Essen, Germany
Contact: Jana Radoi, Carl-Pulfrich-Straße 1, 07745 Jena (Germany)
Phone: +49 (0) 3641 311 63 46
Email: jana.radoi@conventus.de
www.conventus.de/virology2012

Practicalities of Cellular Analysis using Flow Cytometry, Light and Electron Microscopy

March 21, 2012
Centre for Life, Newcastle upon Tyne, UK
Sponsor: Newcastle University
Email: enquiries@lifeconferencing.org.uk
https://webstore.ncl.ac.uk/browse/extra_info.asp?compid=1&modid=2&prodid=103&deptd=9&searchresults=1

Histochemistry 2012

March 21–23, 2012
MBL, Woods Hole, MA
Topics: Immunohistochemistry-Bridging the Gap Between Light and EM, sessions on Correlative Microscopy, Switchable Q Dots, Calibrated Imaging and Validated Analysis, JHC Lecture-Richard Hynes, Chroma Lecture-Bernd Fritzsche, and Tech Reviews
Sponsor: The Histochemical Society
Contact: Meg McGough
Phone: 206-832-9853
Fax: 425-483-1058
E-mail: mmcgough@histochemicalsociety.org
<http://immunohistochem.com/>

11th ASM Conference on Candida and Candidiasis

March 29–April 2, 2012
San Francisco, CA
Sponsor: American Society for Microbiology (ASM)
Contact: ASM Conferences, 1752 N Street, NW, Washington, DC 20036-2940
Phone: 202-942 9261
Email: Conferences@asmusa.org

www.asm.org/index.php/meetings/
11th-asm-conference-on-candida-
and-candidiasis.html

Focus on Microscopy 2012

April 1–4, 2012

Suntec Singapore International Convention &
Exhibition Centre, Singapore
E-mail: info2012@FocusOnMicroscopy.org
www.focusonmicroscopy.org

2012 MRS Spring Meeting

April 9–13, 2012

Moscone West & San Francisco Marriot, San
Francisco, CA
Sponsor: Materials Research Society
Phone: 724-779-3003
www.mrs.org/spring2012

Analytica 2012: 23rd International Trade Fair for Laboratory Technology, Analysis and Biotechnology

April 17–20, 2012

Munich, Germany
www.analytica.de

IEEE International Symposium on Biomedical Imaging (ISBI)

May 2–5, 2012

Barcelona, Spain
Email: contact@biomedicalimaging.org
www.biomedicalimaging.org

11th ASM Conference on Prokaryotic Cell Biology and Development

May 6–10, 2012

Montreal, Canada
Sponsor: American Society for Microbiology
(ASM)
Contact: ASM Conferences, 1752 N Street,
NW, Washington, DC 20036-2940
Phone: 202-942 9261
Email: Conferences@asmusa.org
www.asm.org/index.php/meetings/4th-asm-
conference-on-prokaryotic-development.
html

AMTC3: 3rd International Symposium on Advanced Microscopy and Theoretical Calculations

May 9–11, 2012

Nagaragawa Convention Center, Japan
Sponsor: Nanostructures Research
Laboratory, Japan Fine Ceramics Center
(JFCC)
Email: atmc3@congre.co.jp
www.congre.co.jp/amtc3

IFES2021: 53rd International Field Emission Symposium

May 21–25, 2012

University of Alabama, Tuscaloosa, AL
http://continuingstudies.ua.edu/IFES

SCUR 2012: 39th Annual Meeting of Society for Cutaneous Ultrastructure Research

May 24–25, 2012

Lyon, France
http://orgs.dermis.net/content/e04scur/
e03meetings/e770/e1074/index_ger.html

Three Dimensional Electron Microscopy: From Molecules to Systems—Visualizing Biological Complexity

May 27–June 1, 2012

Les Diablerets Conference Center, Switzerland
Sponsor: Gordon Research Conference
www.grc.org/programs.
aspx?year=2012&program=threedim

12th European Light Microscopy Initiative (ELMI) Meeting

June 5–8, 2012

Leuven, Belgium
www.rms.org.uk/events/
Forthcoming_Events/ELMI_2012

Abercrombie Cell Biology Symposium

June 25–27, 2012

Oxford, UK
Sponsor: Royal Microscopy Society, British
Society for Cell Biology
www.rms.org.uk/events/Forthcoming_
Events/Abercrombie+Meeting

1st International Conference on 3D Materials Science

July 8–12, 2012

Seven Springs, PA
Sponsor: The Minerals, Metals, and Materials
Society
www.tms.org

Inter/Micro: 63rd Annual Applied Microscopy Conference

July 9–13, 2012

McCrone Research Institute, Chicago, IL
Topic: Applied Microscopy
Sponsor: McCrone Research Institute
Contact: Therese Newman
Phone: 312-842-7100
Fax: 312-842-1078
Email: intermicro@mcri.org
http://mcri.org/home/section/101/inter-micro

Microscopy & Microanalysis 2012

July 29–August 2, 2012

Phoenix, AZ
Sponsor: MSA, MAS, IMS
Contact: Nichole Guy, Hachero Hill, Inc.
11260 Roger Bacon Drive, Suite 402, Reston,
VA 20190
Phone: 703-964-1240, ext. 14
Email: nicholeguy@mindspring.com
www.microscopy.org

ULTRAPATH XVI: Conference on Diagnostic Electron Microscopy, Basic Research and Oncology

August 6–10, 2012

University Medical Center, Regensburg,
Germany
Sponsor: Society for Ultrastructural
Pathology
www.ultrapath.org/ultrapath

Denver X-Ray Conference

August 6–10, 2012

Denver Yech Center Hotel, Denver, CO
Topic: Annual Conference of Applications of
X-ray Analysis
Sponsor: ICDD
Contact: Denise Flaherty
Email: flaherty@icdd.com
www.dxcicdd.com/12/index.htm

14th International Congress of Histochemistry and Cytochemistry

August 26–29, 2012

Kyoto International Conference Center,
Kyoto, Japan
www.acplan.jp/ichc2012

15th European Microscopy Congress

September 16–21, 2012

Manchester Central, Manchester, UK
Email: general@emc2012.org.uk
www.emc2012.org.uk

38th Annual Symposium, National Society for Histotechnology

September 28–October 23, 2012

Vancouver, BC, Canada
Sponsor: National Society for
Histotechnology
Phone: 443-535-4060
Fax: 443-535-4055
Email: histo@nsh.org
www.nsh.org

Materials Science & Technology

October 7–11, 2012

Pittsburg, PA
www.matscitech.org

Neuroscience 2012**October 13–17, 2012**New Orleans, LA
www.sfn.org**2012 MRS Fall Meeting****November 26–30, 2012**Boston, MA
Sponsor: Materials Research Society
Phone: 724-779-3003
www.mrs.org/fall2012**ASCB Annual Meeting****December 15–19, 2012**San Francisco, CA
Sponsor: American Society for Cell Biology
www.ascb.org**Courses 2012****Winter School on High Resolution Electron Microscopy****January 4–7, 2012**Arizona State University, Tempe, AZ
Topic: Theory and practice of high-resolution electron microscopy for materials science studies
http://le-csss.asu.edu/winterschool**INS-500 Modern Polarized Light Microscopy****January 9–13, 2012**Hooke College of Applied Sciences, Westmont, IL
Topic: Theory and principles of polarized-light microscopy
Contact: Charles Zona
Phone: 630-887-7100
Email: czona@hookecollege.com
www.hookecollege.com/courses/course.asp?COURSE_ID=41**INS-510 Scanning Electron Microscopy****January 9–13, 2012**Hooke College of Applied Sciences, Westmont, IL
Topic: Hands-on learning using five SEM and EMA instruments using either student-provided, or staff-provided test samples, under the direction of McCrone scientists with over 40 years of combined SEM/EDS/WDS experience
Contact: Charles Zona
Phone: 630-887-7100
Email: czona@hookecollege.com
www.hookecollege.com/courses/course.asp?COURSE_ID=42**MEI-645 White-Powder Unknowns Part 1****February 13–17, 2012**Hooke College of Applied Sciences, Westmont, IL
Topic: This course teaches students how to identify white powders using several microscopical identification techniques.
Contact: Charles Zona
Phone: 630-887-7100
Email: czona@hookecollege.com
www.hookecollege.com/courses/course.asp?COURSE_ID=80**Immunohistochemistry and Microscopy Short Course****March 18–20, 2012**MBL, Woods Hole, MA
Topic: Immunohistochemistry & Microscopy Hands-On Course at MBL, 3/18-20/2012. Preparing cells/tissue for IHC, assay design and set up, assay performance, antigen retrieval, chromogen/fluorescence detection, visualization, image capture, and troubleshooting.
Sponsor: The Histochemical Society
Contact: Meg McGough
Phone: 206-832-9853
Fax: 425-483-1058
E-mail: mmcough@histochemicalsociety.org
http://immunohistochem.com**Course on Cryotechniques for Electron Microscopy****March 18–23, 2012**Rothamstead Research, Harpenden, UK
Sponsor: Royal Microscopy Society
www.rms.org.uk/events/Forthcoming_Events/CoolRunnings**Quantifying Immunogold Label on EM Thin Sections****April 5–7, 2012**House Research Institute, Los Angeles, CA
Topic: A practical course to teach quantitative methods for estimating immunogold signal on thin sections of biological material
Contact: Paul Webster
Email: pwebster@hei.org
http://immunogold.housereseearch.org**Microscopy School****June 3–15, 2012**Lehigh University, Bethlehem, PA
Scope: SEM and X-ray Microanalysis, New Operator Introduction, Quantitative X-ray Microanalysis, Scanning Transmission EM, Focused Ion Beam Applications
Contact: Sharon Coe
Phone: 610-758-5133
email: sharon.coe@Lehigh.edu
www.lehigh.edu/microscopy**EMBO Electron Microscopy and Stereology in Cell Biology****June 12–22, 2012**České Budějovice, Czech Republic
Topic: The aim of this course is to teach cutting-edge EM techniques for Cell Biologists on a high theoretical and practical level.
Sponsor: European Molecular Biology Organization (EMBO)
Contact: Jana Nebesarova
Phone: +420387775402
Email: nebe@paru.cas.cz**Optics Within Life Sciences****July 4–6, 2012**Genoa, Italy
www.owls2012.org**Light Microscopy Summer School****July 9–11, 2012**University of York, UK
Sponsor: Royal Microscopy Society
www.rms.org.uk/events/Forthcoming_Events/LightMicroscopySummerSchool**CryoElectron Microscopy Short Course****July 11–13, 2012**University of Minnesota, MN
Topic: Course to enable scientists and engineers, with no prior knowledge of electron microscopy, to gain insight into cryo-techniques to image nanostructures in liquids, soft materials, and biological systems
http://blog.lib.umn.edu/itcomm/iprime/2011/07/cryo_electron_microscopy_short_1.html**Cell Imaging Techniques Course****July 23–27, 2012**Oxford Brookes University, UK
Sponsor: Royal Microscopy Society
www.rms.org.uk/events/Forthcoming_Events/CellImagingTech**Meetings 2013****Pittcon 2013****March 17–21, 2013**Philadelphia, PA
Sponsor: Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy
www.pittcon.org**2013 MRS Spring Meeting & Exhibition****April 1–5, 2013**Moscone West, San Francisco, CA
Sponsor: Materials Research Society

Phone: 724-779-3003
www.mrs.org/Spring2013

Fax: 443-535-4055
Email: histo@nsh.org
www.nsh.org

Email: nicholeguy@mindspring.com
www.microscopy.org

Microscopy & Microanalysis 2013

August 4–8, 2013
Indianapolis, IN
Sponsor: MSA, MAS, IMS
Contact: Nichole Guy, Hachero Hill, Inc.
11260 Roger Bacon Drive, Suite 402, Reston,
VA 20190
Phone: 703-964-1240, ext. 14
Email: nicholeguy@mindspring.com
www.microscopy.org

Materials Science & Technology

October 27–31, 2013
Montreal, Canada
www.matscitech.org

National Society for Histotechnology; 40th Annual Symposium/Convention

August 21–27, 2014
Austin, TX
Sponsor: National Society for Histotechnology
Phone: 443-535-4060
Email: histo@nsh.org
www.nsh.org

Neuroscience

November 9–13, 2013
San Diego, CA
www.sfn.org

Denver X-Ray Conference

August 5–9, 2013
The Westin, Westminster, CO
Topic: Annual Conference of Applications of X-ray Analysis
Sponsor: ICDD
Contact: Denise Flaherty
Email: flaherty@icdd.com
www.dxcicdd.com

ASCB Annual Meeting

December 14–18, 2013
New Orleans, LA
Sponsor: American Society for Cell Biology
www.ascb.org/meetings

18th International Microscopy Congress

September 7–12, 2014
Prague, Czech Republic
Sponsor: The Czechoslovak Microscopy Society
Email: info@imc2014.com
www.imc2014.com

Meetings 2014

Microscopy & Microanalysis 2014

August 3–7, 2014
Hartford, CT
Sponsor: MSA, MAS, IMS
Contact: Nichole Guy, Hachero Hill, Inc.
11260 Roger Bacon Drive, Suite 402, Reston,
VA 20190
Phone: 703-964-1240, ext. 14

Meetings 2015

Microscopy & Microanalysis 2015

August 2–6, 2015
Portland, OR
www.microscopy.org

39th Annual Symposium, National Society for Histotechnology

September 20–26, 2013
Providence, RI
Sponsor: National Society for Histotechnology
Phone: 443-535-4060

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Topical Conference



Microanalytical Reference Materials

MAY 15-17, 2012 • GOLDEN, CO

3 Day Conference: May 15-17, 2012
Colorado School of Mines, Golden, CO USA

CALL FOR PAPERS

Abstract Submission: Jan. 1 - March 1, 2012

Registration: Nov. 21 - May 15, 2012

Topics of Discussion

- Need for reference materials (RM)
- Where to obtain RMs
- Synthesis of RMs
- RMs suitable for multiple techniques (EPMA, LA-ICP-MS, SIMS, atom probe)
- Validation of RMs
- Atom probe standardization
- Round Robin Results

Early Registration Rates

MAS member	\$300
Non-member	\$375
Students*	\$175

*student support is anticipated

Invited Speakers to Date

- John Hanchar, Memorial University
- Michael Wiedenbeck,
GeoForschungsZentrum Potsdam
- Bill McDonough,
University of Maryland

To register or for more information

<http://www.csmospace.com/events/mas>

standards2012@microprobe.org