

Calendar

Edited by Nan Yao,
Calendar Editor for *Microscopy and Microanalysis*



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 found in the MSA World-Wide Web page at <http://www.msa.microscopy.com>. We will gladly add hypertext links to the notice on the web and insert a listing of the meeting in the next issue of the Journal. Send comments and questions to Nan Yao, nyao@Princeton.edu. 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

Meetings 2010

54th Annual Meeting of the Biophysical Society

February 20–24, 2010

Moscone Convention Center,
San Francisco, CA, USA
URL: www.biophysics.org

PITTCON 2010

March 8–11, 2010

Orlando, FL, USA
Sponsor: PITTCON®,
Pittsburgh, PA 15235-5503, USA
Telephone: (412) 825-3220
Fax: (412) 825-3244
E-mail: expo@pittcon.org
URL: www.pittcon.org

Histochemistry 2010

March 21–23, 2010

Meeting Focus: New Trends in
Microscopy and Immunohistochemistry:
3-D Imaging Technologies: Bridging the Gap
between Light and Electron Microscopy
The Marine Biological Laboratory,
Woods Hole, MA, USA
Contact: Meg McGough
E-mail: mmcgough@histochemicalsociety.org
Telephone: 206-616-5896
URL: www.histochemistry2010.org/

The American Chemical Society

March 21–25, 2010

San Francisco, CA, USA
American Chemical Society,
1155 Sixteenth St. NW,
Washington, DC 20036, USA
Telephone: (800) 227-5558
Telephone: (202) 872-4600 (outside US)
Fax: (202) 776-8258
E-mail: natlmtgs@acs.org
URL: portal.acs.org/portal/acs/corg/content

FOM 2010

March 28–31, 2010

Focus on Microscopy 2010
Sponsor: FocusOnMicroscopy Society,
Shanghai, China,
Shanghai Everbright Convention and
Exhibition Center
URL: www.focusonmicroscopy.org/

Experimental Biology 2010

April 24–28, 2010

Anaheim Convention Center,
Anaheim, CA, USA
URL: www.experimentalbiology.org

SPIE Scanning Microscopy 2010

May 17–19, 2010

Sponsors: SPIE, NIST
Portola Plaza Hotel,
Monterey, CA, USA
URL: spie.org/x19036.xml

Electron Backscatter Diffraction 2010

May 24–26, 2010

Sponsor: Microbeam Analysis Society
University of Wisconsin, Madison, WI, USA
Contact: Luke Brewer,
E-mail: lnbrewe@sandia.gov
Telephone: 505-284-2816
URL: www.microbeamanalysis.org/ebsd-2010

E-MRS 2010 Spring Meeting

June 7–11, 2010

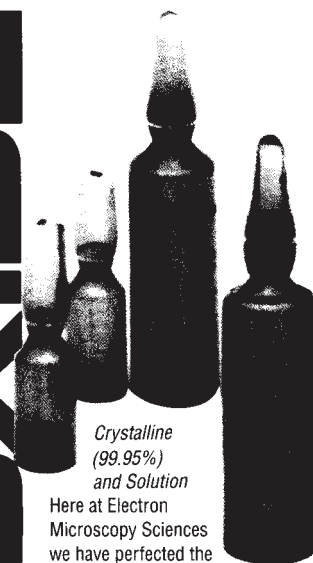
European Materials Research Society,
Congress Center,
Strasbourg, France
Telephone: 33-(0)3 88 10 63 72
Fax: 33-(0)3 88 10 62 93
E-mail: emrs@emrs-strasbourg.com
URL: www.emrs-strasbourg.com/

3-D Electron Microscopy 2010

June 20–25, 2010

Il Ciocco Hotel and Resort,
Lucca (Barga), Italy
Contact: Andreas Hoenger
E-mail: Andreas.Hoenger@Colorado.edu
Telephone: (303) 735-0844
URL: www.grc.org/programs.aspx?year=2010&program=threedim

OSMIUM TETROXIDE



Crystalline
(99.95%)
and Solution

Here at Electron Microscopy Sciences we have perfected the manufacturing and filling of the highest quality chemicals for EM, LM and its related biological fields that are available on the market today. Our Osmium Tetroxide is no different. Whether you are looking for crystalline or solution we are the source. We guarantee you the highest purity at the lowest price. Prior to filling, we test and assay each lot to assure you the consistent quality you have come to expect from Electron Microscopy Sciences. Each glass ampoule is pre-scored, pre-cleaned, and heat sealed in a plastic bag - guaranteeing you a contaminant-free solution. Our solution is available in standard concentrations of 2% and 4% in 2ml, 5ml, and 10ml ampoules (all other concentrations and size requirements are available on request). Our crystalline is available in 6gm, 5gm, 4gm, 2gm, 1gm, 1/2gm, 1/4gm and 1/10gm ampoules (all other concentrations and size requirements are available on request). For the best results in your valued research, look for the name that is leading the way - Electron Microscopy Sciences, your guarantee for the chemicals you want and the quality and value you need. For a copy of our newest catalog of supplies, accessories, chemicals, and equipment covering the entire field of Microscopy call or write us today. *Quantity discounts are offered. Please call us for special pricing.*

Electron Microscopy Sciences

321 Morris Road, Box 251
Fort Washington, PA 19034
Toll-free: 1-800-523-5874
(215) 646-1566
Fax: (215) 646-8931
Telex: 510-661-3280

AMTC2 2010**June 24–26, 2010**

The 2nd International Symposium on
Advanced Microscopy and Theoretical
Calculations

Sponsor: Nanostructures Research
Laboratory, Japan Fine Ceramics Center

Location: The Nagoya Congress Center,
Nagoya, Japan

URL: www.jeccs.org/amtc2/

MICROSCIENCE 2010**June 29–July 1, 2010**

Sponsor: Royal Microscopy Society,
London, ExCeL Centre, UK

E-mail: info@rms.org.uk

URL: <http://www.rms.org.uk/microscience.shtml>

ACMM-21**July 11–15, 2010**

Australian Microscopy and
Microanalysis Society,
Brisbane, Australia

URL: www.microscopy.org.au/

VUVX 2010**July 11–16, 2010**

37th International Conference on Vacuum
Ultraviolet and X-ray Physics
University of British Columbia,
Vancouver, Canada

E-mail: VUVX2010@venuewest.com

URL: www.vuvx2010.ca

CPO-8**July 12–16, 2010**

8th International Conference in Charged
Particle Optics (CPO-8)

Suntec Singapore Convention & Exhibition
Centre, Singapore

E-mail: CPO-8@nus.edu.sg

URL: www.cpo-8.org/

HPSM 2010**July 26–28, 2010**

Fifth International Conference on High
Performance Structures and Materials
Tallinn, Estonia

Organizer: Wessex Institute of Technology

URL: [www.wessex.ac.uk/10-](http://www.wessex.ac.uk/10-conferences/hpsm-2010.html)
[conferences/hpsm-2010.html](http://www.wessex.ac.uk/10-conferences/hpsm-2010.html)

Microscopy & Microanalysis 2010**August 1–5, 2010**

Portland, OR, USA

Sponsors: MSA, MAS, IMS

Contact: Nicole Guy,

Hachero Hill, Inc.,
11260 Roger Bacon Drive, Suite 402,
Reston, VA 20190

Telephone: (703) 964-1240, Ext. 14

E-mail: nicoleguy@mindspring.com

URL: www.msa.microscopy.org

The American Chemical Society**August 22–26, 2010**

Boston, MA, USA

American Chemical Society,
1155 Sixteenth St. NW,
Washington, DC 20036, USA

Telephone: (800) 227-5558

Telephone: (202) 872-4600 (outside US)

Fax: (202) 776-8258

E-mail: natlmtgs@acs.org

URL: portal.acs.org/portal/acs/corg/content

International Microscopy Congress (ICM17)**September 19–24, 2010**

Rio de Janeiro, Brazil

E-mail: imc17@imc17.com

URL: www.imc17.com/construction.htm

Neuroscience 2010**November 13–17, 2010**

San Diego, CA, USA

Sponsor: Society for Neuroscience

Telephone: (202) 962-4000

Fax: (202) 962-4941

E-mail: info@sfn.org

URL: www.sfn.org/

Courses 2010**NIH Bio-Trac 22 “Hybridization Techniques: Labeling, Detection and Applications”****January 19–21, 2010**

Contact: Mark Nardone, FAES/NIH

Telephone: (301) 496-8290

E-mail: nardonem@mail.nih.gov

URL: www.biotrac.com

Bio-Trac 32 “Nanotechnology in Medicine”**(A) March 8–10, 2010****(B) July 26–28, 2010**

Contact: Mark Nardone, FAES/NIH

(Note: Two separate sessions)

Telephone: (301) 496-8290

E-mail: nardonem@mail.nih.gov

URL: www.biotrac.com

FRET Microscopy Workshop—2010**March 9–13, 2010**

9th Annual Workshop on FRET Microscopy
W.M. Keck Center for Cellular Imaging,
University of Virginia,

Charlottesville, Virginia, USA

E-mail: ys2k@virginia.edu

URL: [www.kcci.virginia.edu/workshop/](http://www.kcci.virginia.edu/workshop/workshop2010/index.php)
[workshop2010/index.php](http://www.kcci.virginia.edu/workshop/workshop2010/index.php)

Immunohistochemistry and Microscopy Short Course—MBL**March 23–26, 2010**

Course Description: An integrated,
intensive short course with lectures and
laboratory sessions

The Marine Biological Laboratory,
Woods Hole, MA, USA

Contact: Meg McGough

Telephone: 206-616-5896

E-mail: mmcgough@histochemicalsociety.org

URL: immunohistochem.com/

Biomedical Informatics—MBL**May 30–June 6, 2010**

The Marine Biological Laboratory,
Woods Hole, MA, USA

Contact: Admissions Coordinator

Telephone: 508-289-7401

URL: www.mbl.edu/education

Third Charleston Light Microscopy Workshop**June 6–11, 2010**

Medical University of South Carolina
Third Charleston Workshop on Light
Microscopy for the Biosciences (LMB)

Contact: Venkat K. Ramshesh

Telephone: (843) 792-3530

E-mail: ramshes@mus.edu

URL: academicdepartments.musc.edu/ccdir/events/workshop2010.htm

Lehigh Microscopy School 40th Anniversary Courses*(See courses listed below)*

Lehigh University,
Bethlehem, PA, USA

Contact for all Lehigh courses:

Sharon Coe

E-mail: sharon.coe@lehigh.edu

Telephone: 610-758-5133

Fax: 610-758-4244

URL: www.lehigh.edu/microscopy

Lehigh Microscopy Main Courses**June 6, 2010**

Introduction to SEM and EDS for the New
Operator

URL: www.lehigh.edu/microscopy

June 7–11, 2010

Scanning Electron Microscopy and X-Ray
Microanalysis

URL: www.lehigh.edu/microscopy

Lehigh Microscopy Advanced Courses**June 14–17, 2010**

Scanning Probe Microscopy: From
Fundamentals to Advanced
Applications

URL: www.lehigh.edu/microscopy

June 14–17, 2010

Scanning Transmission Electron
Microscopy: From Fundamentals to
Advanced Applications

URL: www.lehigh.edu/microscopy

June 14–17, 2010

Focused Ion Beam (FIB): Instrumentation
and Applications

URL: www.lehigh.edu/microscopy

June 14–18, 2010

Problem Solving with SEM, X-Ray
Microanalysis, and Electron Backscatter
Patterns
URL: www.lehigh.edu/microscopy

June 14–18, 2010

Quantitative X-Ray Microanalysis: Problem
Solving Using EDS and WDS Techniques
URL: www.lehigh.edu/microscopy

Physiology Courses—MBL

June 12–August 1, 2010

Physiology: Modern Cell Biology Using
Microscopic, Biochemical and
Computational Approaches
The Marine Biological Laboratory,
Woods Hole, MA, USA
Contact: Admissions Coordinator
Telephone: 508-289-7401
URL: www.mbl.edu/education

Basic Confocal Microscopy 2010

June 14–18, 2010

University of South Carolina School of
Medicine
Contact: Bob Price
E-mail: Bob.Price@uscmed.sc.edu
Telephone: 803-733-3392
URL: dba.med.sc.edu/irf/price/irf/irf.htm

MICROSCIENCE 2010

June 29–July 1, 2010

Event Organizer: Royal Microscopical Society
Location: ExCeL, London, UK
Website: www.rms.org.uk/microscience.shtml

Bio-Trac 29 “Laser Capture Microdissection”

August 2–5, 2010

Contact: Mark Nardone, FAES/NIH
Telephone: (301) 496-8290
E-mail: nardonem@mail.nih.gov
URL: www.biotrac.com

Bio-Trac 35 “Immunofluorescence and Confocal Microscopy”

September 14–16, 2010

Contact: Mark Nardone, FAES/NIH
Telephone: (301) 496-8290
E-mail: nardonem@mail.nih.gov
URL: www.biotrac.com

Biomedical Informatics—MBL

September 19–26, 2010

The Marine Biological Laboratory
Woods Hole, MA, USA
Contact: Admissions Coordinator
Telephone: 508-289-7401
URL: www.mbl.edu/education

Optical Microscopy & Imaging in the Biomedical Sciences—MBL

October 5–14, 2010

The Marine Biological Laboratory,
Woods Hole, MA, USA

Contact: Admissions Coordinator
Telephone: 508-289-7401
URL: www.mbl.edu/education

Meetings 2011

IUMAS-V

May 22–27, 2011

5th Meeting: International Union of Microbeam
Analysis Societies, Incheon, South Korea
Further information from:
Samsung Advanced Institute of Technology,
Analytical Engineering Center
Attn. Dr. Se Ahn Song,
KR-440-600 Suwon, South Korea
E-mail: sasong@samsung.com

Microscopy & Microanalysis 2011

August 7–11, 2011

Nashville, TN, USA
Sponsors: MSA, MAS, IMS
Contact: Nicole Guy,
Hachero Hill, Inc.,
11260 Roger Bacon Drive, Suite 402,
Reston, VA 20190
Telephone: (703) 964-1240, Ext. 14
E-mail: nicoleguy@mindspring.com
URL: www.msa.microscopy.org

Neuroscience 2011

November 12–16, 2011

Washington, DC, USA
Sponsor: Society for Neuroscience
Telephone: (202) 962-4000
Fax: (202) 962-4941
E-mail: info@sfn.org
URL: www.sfn.org/

Meetings 2012

Microscopy & Microanalysis 2012

July 29–August 2, 2011

Phoenix, Arizona, USA
Sponsors: MSA, MAS, IMS
Contact: Nicole Guy,
Hachero Hill, Inc.,
11260 Roger Bacon Drive, Suite 402,
Reston, VA 20190, USA
Telephone: (703) 964-1240, Ext. 14
E-mail: nicoleguy@mindspring.com
URL: www.msa.microscopy.org
mail: nicoleguy@mi

Meetings 2013

Microscopy & Microanalysis 2013

August 4–8, 2013

Indianapolis, IN, USA
Sponsors: MSA, MAS, IMS
Contact: Nicole Guy,
Hachero Hill, Inc.,
11260 Roger Bacon Drive, Suite 402,
Reston, VA 20190, USA
Telephone: (703) 964-1240, Ext. 14
E-mail: nicoleguy@mindspring.com
URL: www.msa.microscopy.org



GLUTARALDEHYDE

For over 20 years we have been manufacturing the highest purity Glutaraldehyde available on the market; free from polymers and other contaminants. Prior to filling, each lot is tested and assayed to assure consistent purity. Only if the Glutaraldehyde passes our rigorous quality control tests will we ship it to you.

Our EM grade is available in standard concentrations of 8%, 10%, 25%, 50%, and 70% in 2ml, 5ml, and 10ml ampoules, as well as 100 ml bottles (all other concentrations and size requirements are available on request).

Our Biological grade is available in concentrations of 25% and 50% in 450ml and 1 gallon bottles (all other concentrations and size requirements are available on request).

For the best results in your valued research, look for the name that is leading the way in purified Glutaraldehyde: Electron Microscopy Sciences.

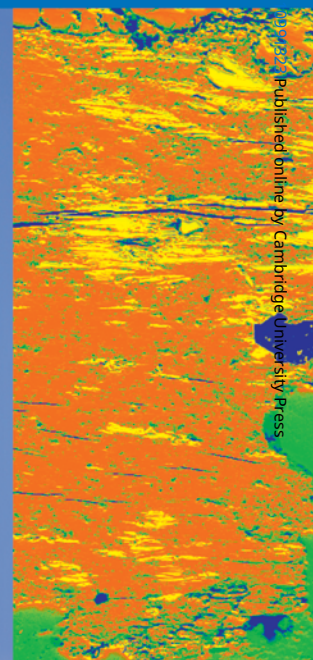
For a copy of our newest catalog of supplies, accessories, chemicals, and equipment covering the entire field of Microscopy call or write us today.

Quantity discounts are offered. Please call us for special pricing.

Electron Microscopy Sciences

1560 Industry Rd., Box 410
Hatfield, PA 19440
Toll-free: 1-800-523-5874
(215) 412-8390
Fax: (215) 412-8540 or 8452
www.emsdiasum.com

XFlash[®] SDDs for TEM and SEM



New detectors for nanoanalysis from the market leader in SDD technology for EDS

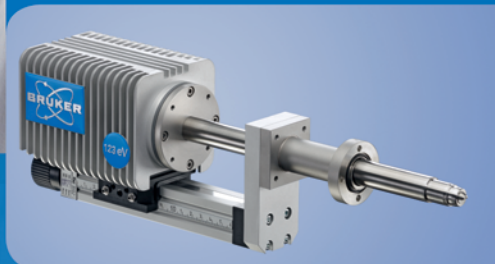
The XFlash[®] Silicon Drift Detectors are part of our QUANTAX EDS systems

- Unmatched resolution at all energies (Mn K α \leq 123 eV, C K α \leq 46 eV, F K α \leq 54 eV)
 - superb line separation at low energies
- 250 new L, M, N lines below 4 keV in Bruker's unique atomic database
 - excellent low energy element ID
 - reliable low energy quantification results

www.bruker-axs-microanalysis.com

think forward

XFlash[®] 5000 series for SEM
available with 10, 30, 40 and 60 mm² active area



XFlash[®] 5030T for TEM

EDS