

NEW AND/OR INTERESTING IN MICROSCOPY

●* **PITTCOON '96 IS ABOUT ON US!** At the McCormick Place in Chicago on March 3-8, do not forget that there is no registration charge on Thursday, 7 March. And, should you make it, be sure to visit us at the *Microscopy Today* booth #2667. Not only will you have the opportunity to review the full series of microscopy prints by David Scharf, as described starting on page 19 of this issue, but you will have the chance to meet with our associates from the McCrone Research Institute, who will be sharing the booth with us.

And, yet on the topic of conferences, be sure that your calendar is marked August 12/15 for **MICROSCOPY & MICROANALYSIS '96**: a combined meeting of the Microscopy Society of America, Microbeam Analysis Society and Microscopical Society of Canada. To be held in Minneapolis, one of the most enjoyable (and inexpensive) cities in the U.S.

For conference information, contact the MSA Business Office at: ((800)538-3672, Fax: (508)563-1155.

●* The Marine Biological Laboratory, Woods Hole, MA announces it's 1996 course schedule:

May 9/17 '96: **Analytical and Quantitative Light Microscopy:** A comprehensive course in light microscopy for researchers in biology, medicine, and materials sciences. This course provides an in-depth examination of the theory of the microscope and application of video for exploring subtle interactions between light and the specimen.

May 21/28 '96: **Microinjection Techniques in Cell Biology:** An intensive short course addressing the introduction of materials into, and the microscopic study of, living cells, organelles, and sub-cellular compartments and gene transfer. State-of-the-art methods are covered, including: microinjection, micromanipulation, iontophoresis, electroporation and bi-olistic methods; and light microscopy and video technology.

May 28/June 5 '96: **Cell and Molecular Imaging and Analysis Using Cryotechniques:** An eight-day comprehensive course/workshop on cryotechniques for cell and molecular imaging and analysis. Lecture and special discussion sessions in the mornings and hands-on lab sessions in the afternoons and evenings will form the heart of the course.

October 23/30 '96: **Optical Microscopy and Imaging in the Biomedical Sciences:** Designed primarily for research scientists, physicians, post-doctoral trainees, and advanced graduate students in animal, plant, medical, and material sciences. Non-biologists seeking a comprehensive introduction to microscopy and video imaging, will benefit greatly from the course. There are no specific prerequisites, but an understanding of the basic principles of optics is desirable.

For further information, contact Carol Hamel at the Marine Biological Laboratory: (508)289-7401, eMail: admissions@mbl.edu

NEW READERS: This issue is being sent to several thousand additional (to our mailing list) microscopists in the U.S., Canada and the UK and, should you be in this category and wish to continue to receive the newsletter, you have but to complete the enclosed reader response card and return to us.

We regret that we must charge a modest fee for others outside of North America, Canada and the UK - \$35 for a one year, and \$60 for a two year subscription.

●* The National Center for Electron Microscopy is offering a fellowship that will allow participants the opportunity to conduct research in their own area of interest using the advanced transmission electron microscopes at the Center.

The program is intended primarily for young faculty/investigator electron microscopists, resident in the U.S., who are in the process of setting up their own facilities or are awaiting delivery of new equipment, and who could benefit from the head-start that use of the instrumentation and interaction with personnel at NCEM would bring. However, other post-doctoral applicants with suitable experience and graduate students at an advanced stage of their thesis work would also be considered. Awards will be made according to the recommendations of the NCEM Steering Committee.

Fellowships will be of up to three-months duration and will carry a stipend of up to \$6,000 to assist in defraying travel and living expenses. Applications must be received by March 31, 1996. If interested, contact Gretchen Hermes at (510)486-5006, Fax: (510)486-5888.

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†† U.S. Patents 5,465,012; 5,469,058



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1996 MICROSCOPY COURSES

Methods

- Applied Polarized Light Microscopy* (201)— February 12-16, April 22-26, June 3-7, July 15-19, August 12-16, September 9-13, November 4-8, December 16-20
- Photomicrography* (101)— August 5-9
- Microchemical Methods* (207A)— August 12-16
- Advanced Microchemical Methods* (207B*)— October 28-November 1
- Hotstage Microscopy and Polymorphism* (204)— June 10-14
- Crystal Morphology and Optics* — (301*) October 28-November 1
- Identification of Small Particles* — (501A) February 19-23
- Advanced Small Particle Identification* — (501B*) September 16-20
- Sample Preparation and Manipulation of Particles* — (501E) November 18-22
- TEM SAED (Selected Area Electron Diffraction)* — (408) May 6-10

Specialities

- Microscopy for Art Conservators* — (506) September 30-October 4
- Microscopy in the Food Industry* — (502*) April 29-May 3
- Pharmaceutical Microscopy* — (503) July 29-August 2
- Polymer, Fiber & Film Microscopy* — (505) November 4-8
- Microscopy and Microchemistry of Polymers* — (505B*) November 11-15
- Indoor Air Quality: Microscopy of Fungal Spores and Pollen* — (530) August 19-23

Forensic

- Forensic Microscopy* — (504) April 8-12, October 21-25
- Microscopy of Sexual Assault Evidence* — (535) October 7-11
- Microscopy of Illicit Drugs and Excipients* — (526*) June 17-21
- Forensic Examination of Building Materials* — (527B*) March 25-29
- Comparative Microscopy of Soil* — (510) October 14-18
- Wood and Pollen Microscopy* — (511) March 18-22
- Microscopical Study of Paints and Extenders* — (520B*) August 26-30
- Advanced Trace Evidence* — (514*) November 18-22

Asbestos

- Microscopical Identification of Asbestos* — (508A) January 15-19, February 26-March 1, April 15-19, May 13-17, June 24-28, August 19-23, September 23-27, November 11-15, December 9-13
- Advanced Asbestos Identification* — (508B*) March 4-8, May 20-24, September 30-October 4
- Quantitative Asbestos Analysis* — (528*) March 11-13, August 26-28
- Special Asbestos Problems* — (512*) July 29-August 2
- Asbestos Fiber Counting* (NIOSH 582) — (516) April 8-12, May 6-10, July 8-12, September 16-20, December 2-6
- TEM Asbestos Analysis* (407B)— March 25-29, October 14-18

* prerequisite required

For details contact Nancy Daerr, McCrone Research Institute
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Phone (312)842-7100; Fax (312) 842-1078; Web: <http://www.mcri.org>