

NEW AND/OR INTERESTING IN MICROSCOPY

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MICROSCOPY TODAY

The Microscopy Society of America (MSA) is developing an educational outreach program; the first goal is to support light microscopy in middle schools (see *Microscopy Today*, March '93, and the *MSA Bulletin*, Fall '93). Current plans include presentation of prototype teaching materials at MSA's August '94 annual meeting in New Orleans.

With a number of such educational outreach programs currently in existence, one of the major is described later in this issue. Readers interested in participating in the program, either to assist or to seek advice, are invited to contact MSA's Educational Outreach Coordinator, Caroline Schooley, at Box 117, Casper, CA 95420.

Carl Zeiss recently announced the availability of the DSM 982 - GEMINI, an innovative new FEG-SEM design. An unsurpassed resolution of 40 Å is guaranteed at 1 kV and 10 Å at 30 kV.

Some other unique and new to the industry features are:

- Optimized FE-gun design for best resolution and analytical application ... especially X-ray applications.
- New combined magnetic/electrostatic objective lens with drastically reduced aberration coefficients...even at low volt ages.
- Dual Integrated SE-detectors with conventional unit plus an other in the objective lens for optimum detection efficiency.

Carl Zeiss, Inc.: Tel.: (800)356-1090, Fax: (914)681-7443.

The National Center for Electron Microscopy (NCEM), Lawrence Berkeley Laboratory, is once again accepting proposals for experiments on the Berkeley Atomic Resolution Microscope. Its superior performance (resolution of 0.16 nm, tilt of +/- 40° in both axes), in combination with their comprehensive support structure, continues to provide the microscopy community with a unique resource for materials science and high-resolution microscopy.

They provide:

- Expert operation of the microscope, or training if requested.
- Advice on image acquisition and interpretation.
- Use of preparation facility.
- Advice and assistance with image processing and simulation, including customized software solutions where necessary.

They are also accepting proposals concerning the use of their high voltage electron microscope, including ones requiring the environmental cell which will be installed as early as January '94. For further information regarding the use of either microscope, contact G. Hermes at NCEM: Tel.: (510)486-5006.

Virtual Laboratories, the leading manufacturer of diffraction and simulation analysis software for the Macintosh, has moved to Albuquerque, NM. Effectively immediately, they may be reached at tel.: (505)828-1640 and Fax: (505)822-9759.

Continuing the saga of computer thefts at the University of Washington, a man was recently arrested while burglarizing a social science building on campus. At the time of his arrest, the man (Avram Morar, age 24) had 125 computer chips in his pockets - and had an outstanding warrant for his arrest for computer thefts from Orange County, CA. He has failed to appear in court to face charges and has forfeited his \$100,000 bond. End of story (?)

Readers, again please note: A "?" following one's name on the address for this issue indicates that we have not yet received their request to continue to receive a no cost copy of this newsletter. Should you be in this category, and wish to continue to receive the newsletter, kindly complete the postage-paid questionnaire later in this issue. Thank you.

Monte G. Heaton has been appointed Director of Marketing for Digital Instruments, Inc. Prior to this position, Mr. Heaton held senior marketing positions with Millipore Corporation, Information Management Systems, and Waters, Dynamic Solutions Division.

The first 41 grants, valued at \$140 million, under the Technology Reinvestment Project have been issued and 80 more grants are expected in the near future. The program, with \$472 and \$475 million appropriated for fiscal 1993 and 1994 respectively, is formed to help industries hurt by defense spending cuts. The grants, given to universities, companies and teams of the two, cover a very wide range of projects.

Using Ultramicrotomy in Material Science: A Unique Approach to problem Solving for EM is a 4-day short course (March 8/11, 1994) sponsored by RMS and the Univ. of Arizona. It is designed specifically for researchers in the field of materials analysis who wish to gain exposure to advances in EM specimen preparation techniques. For information, contact Bob Chiovetti at tel.: (602)889-7900, Fax: (602)741-2200.

Plan now to attend ...

SCANNING 94

The Sixth International Scientific Meeting sponsored by the Foundation for Advances in Medicine and Science (FAMS) meeting jointly with

SEEMS 94

The Annual Meeting of the Southeastern Electron Microscopy Society (SEEMS)

May 17, 18, 19, 20

**at the Sheraton Charleston Hotel
Charleston, South Carolina**

featuring an extensive commercial exposition, a three-day technical program, workshops, mini-short courses, evening tutorials, poster sessions and mixers.

Pre-conference Workshops, Registration, Welcome Reception
Tuesday, May 17

Exhibit Days: Wednesday through Friday, May 18-20

Call for papers ...

Papers are now being solicited. Single spaced abstracts or discs of approximately 750 words should be sent to SCANNING for publication in the Proceedings Issue of SCANNING. To obtain official SCANNING 94/SEEMS 94 abstract forms, call 201-818-1010 or fax 201-818-0086.

For full program and registration information, contact:
Mary K. Sullivan at FAMS, Inc.
Box 832, Mahwah, NJ 07430-0832
Phone 201-818-1010 — Fax 201-818-0086

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A monthly newsletter dedicated to the unique interests in microscopy of, and published at no cost to, some 11,000 professionals in North America - - - Don Grimes, Editor