

NEW AND/OR INTERESTING IN MICROSCOPY

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MICROSCOPY TODAY

- ✓ The IFSEM-MSA-MAS Travel Fund will provide partial support for 10-15 young U.S. and Canadian microscopists (senior graduate students, post-docs, junior faculty or staff) who wish to attend the 13th ICEM in Paris in July of 1994. Senior colleagues are invited to send nominations to Dr. Dale Johnson, Chairman of the Travel Fund Committee. Nominees will be sent information and instructions. Awards will be paid at the Congress and will be contingent on the acceptance of an abstract submitted for the 13th ICEM and subsequent presentation of a platform or poster paper at the Congress. Dr. Dale Johnson, Graduate School AG-10, University of Washington, Seattle, WA 98195.
- ✓ Carl Zeiss, Electron Optics Division, has recently introduced the new DSM 942 Scanning Electron Microscope (SEM). This mid-priced, fully digital SEM includes unique multiple microprocessor subsystems under the control of an AT-compatible host computer for fast ease of use. An industry standard 2048 image processor allows unprecedented image collection and processing analysis in real time. The dedicated user interface allows rapid interactive control of the DSM 942. The high value DSM 942 combines superb performance, simple . . . yet versatile . . . operation and Zeiss quality at a most reasonable price. Carl Zeiss Inc., Electron Optics Division, One Zeiss Drive, Thornwood, NY 10594. Tel.: (800)356-1090. Fax: (914)681-7443.
- ✓ According to a recent NSF study, in the U.S. in 1991 foreign students made up about 37% of all engineering graduate students, 8 % of all graduate students in the health fields and 22 % of all graduate students in science. In the science area, 37 % of physical science graduate students were foreign nationals.
- ✓ LINEAR RESEARCH ASSOCIATES has introduced a cost-effective version of its field-proven EMC magnetic field compensation systems. LRA's proprietary EMC apparatus employs negative electronic feedback to cancel AC magnetic fields over large volumes. This field-cancellation technique has proven itself in upgrading marginal EM sites, insuring that existing sites remain field-free and improving resolution of sensitive TEM installations. EMC systems are effective, easily installed and unobtrusive. For additional technical and pricing information, and customer references, contact: Linear Research Associates, 5244 Perry City Rd., Trumansburg, NY 14886. Tel.: (607)387-3411, Fax: (607)387-7806.
- ✓ The American Vacuum Society has reissued four classic books in vacuum science: *Field Emission and Field Ionization*, *Handbook of Electron Tube and Vacuum Techniques*, *The Physical Basis of Ultrahigh Vacuum*, and *Vacuum Technology and Space Simulation*. \$35 each. Tel.: (800)488-BOOK.
- ✓ Each year, as many of you know, the *R & D Magazine* selects some scientific experts who, in turn, selects the 100 products that they consider the most significant advances in technology for the year. In our industry for 1993, selected were the WYKO Rough Surface Tester from the WYKO Corporation and the EM912/OMEGA TEM from Carl Zeiss, Inc
- ✓ The attendance at the MSA '93 Conference, of some 1,600 scientists and some 1,100 exhibitors, was down somewhat from the memorable 50th Anniversary meeting in Boston last year. These are, however, very respectable numbers for a difficult year for researchers and compare very favorably with turnouts at other meetings. Everyone involved with the scientific program and the excellent meeting arrangements are to be congratulated.
- ✓ Topcon Technologies announces a new 10-year warranty for their new scanning electron microscopes in the United States.
- ✓ The Madison Area Technical College has recently initiated a new two year Electron Microscopy Program. Our college has purchased an extensive, comprehensive collection of EM books. However, we are lacking the "older classics" because they are out of print and can not be purchased. We are in desperate need of such books dealing with all EM topics including diffraction, metal failure, biological subjects, microanalysis, etc. Anyone possessing an EM library is encouraged to put the books to good use. We can either purchase used books or they could be donated (deductive from taxes at your stated value!). Contact Glenn Boda or Michael Kostna, Madison Area Technical College, 3550 Anderson Street, Madison WI 53704. Tel: (608)246-6254.
- ✓ Carl Zeiss, Electron Optics Division, is pleased to announce the recent placement of David Ulfik to their growing electron microscopy distribution team. David is located in the Atlanta GA area and may be reached at (404)784-1887.
- ✓ Congratulations go to Dr. Alwin Eades (Univ of Illinois) who at MSA '93 won the drawing for a 20" Mitsubishi color TV, complements of Vital Image Technology, Inc.
- ✓ John Benson, until recently the V.P. Marketing with NORAN Instruments, has joined the Oxford Instruments Microanalysis Group as U.S. National Sales Manager.

A Note to Readers:

As we have a natural interest to send this newsletter only to those who wish a copy, and then to do it at their correct address, we would appreciate it if all that wish to continue to receive a no cost copy would complete the enclosed questionnaire - if they have not previously done so.

To all readers, please check the mailing address that we are using. We would appreciate any corrections - specifically as to title (Dr., Ms. or Mr.), street address and internal mailing address.

A Note to Manufacturers and Suppliers:

We started, in our last issue, to include a "reader's response card" - to allow readers to request additional information concerning advertised products and services. Appreciating that many readers obtained their "additional information" at the MSA Conference, we are pleased to note that we have to date received 324 individual requests for such information. The highest number for one product stands at 34.

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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