

MICROSCOPY TODAY

A monthly newsletter dedicated to the unique interests in microscopy and published, at no cost, to some 10,800 professionals in North America - - Don Grimes, Editor

NEW AND/OR INTERESTING IN MICROSCOPY

- ★ INTER/MICRO - 93, sponsored by the McCrone Research Institute and first held in 1948, celebrates its' 45th Anniversary this year on 19-22 July at the McCormick Center Hotel in Chicago. The conference covers all light and electron microscopes, microspectrophotometers, microprobes, automatic image analyzers and other microscopes based on x-rays, sound, protons, etc. Papers will cover new techniques for improving contrast, increasing resolution, and for obtaining and recording more characterization data - plus new techniques and instrumentation. For information contact Nancy B. Daerr: Tel.: (312)842-7100, Fax: (312)842-1078.
- ★ pcTASK, an electron microprobe automation system, is a replacement for the Noran (Tracor Northern) 5500 System. Controlling the 5600 PAC (Programmed Automation Controller), the multi-tasking IBM-compatible system provides qualitative EDS, digital imaging and stage mapping - and features programming in Microsoft PDS Basic. From Geller MicroAnalytical Laboratory, One Intercontinental Way, Peabody, MA 01960. (508)535-5595
- ★ TopoMetrix Corp. has moved to new, larger facilities: 5403 Betsy Ross Drive, Santa Clara, CA 95054, Tel: (408)982-9700, Fax: (408)982-9751.
- ★ For STM and AFM, and a form of high purity carbon, the HOPG (Highly Ordered Pyrolytic Graphite) substrate provides the microscopist with a renewable surface. Unlike mica, HOPG is non-polar and provides a background with only carbon in the elemental signature. Now from SPI Supplies, PO Box 656, West Chester, PA 19381. Tel.: (800)2424-SPI.
- ★ Eugene A. Bourque has been named President of Lasertechnics. Prior to joining Lasertechnics, Mr. Bourque was associated with Production Operators, Inc., a Houston-based oil field service company.
- ★ *ELECTRON MICROSCOPY: Principles and Techniques for Biologists*, by John J. Bozzola and Lonnie D. Russell, is a complete text directed to teaching beginning students biological transmission and scanning electron microscopy. Jones and Bartlett Publishers: (617)859-3900.
- ★ A new bimonthly journal, *Composite Interfaces*, is dedicated to research on interface and interphase structures in composite materials. It focuses on the chemistry, physical and mechanical properties, molecular structure, characterization, and theory of composite interfaces. The editor is Hatsuo Ishida, professor of macromolecular science at Case Western Reserve University, Cleveland, OH. Information is available from: VSP, PO Box 346, 3700 AH Zeist, the Netherlands, Tel.: 31-3404-25790
- ★ The new "STATIC-LINE" II anti-static device eliminates electro static charging in the cryo chamber and prevents sections from sticking to knife edges, or curling/bunching up on each other, or flying away during cryo sectioning. Contact DIATOME US, PO Box 125, Fort Washington, PA 19034. Tel.: (215)646-1478.
- ★ Just as Cornell University convened a conference on diversity, the *New York Times* published an article showing Cornell having the lowest level of tenured women among the eight prestigious Ivy League schools. And, at the University of Wisconsin, an \$800,000 fund has been created, equal to 3.8% of female faculty's base salaries, to be distributed on a case-by-case basis to woman faculty members based on experience and merit - to compensate them based on a recent finding that women faculty are paid less than men even when experience and discipline are taken into account.
- ★ AMRAY's new Sigma 2000 Schottky field emission SEM features advanced technology for outstanding resolution (to 0.01 micron even with 200 mm diameter wafers), rapid response, and unsurpassed accuracy in sub-micron defect characterization, chemical analysis, linewidth metrology, and process inspection - at a realistic price. AMRAY, INC. 160 Middlesex Turnpike, Bedford, MA 01730. Tel.: (617)275-1400.
- ★ Dr. Lynwood Swanson, co-founder and President of FEI Company, has been named Oregon Scientist of the Year by the Oregon Academy of Sciences. Dr. Swanson has received 8 patents and has published over 100 research articles on ion and electron optics.
- ★ A new journal, *Microporous Materials*, is now available. It is devoted to the science and applications of microporous solids, such as zeolites, chemically related molecular sieves, pillared clays, carbon molecular sieves, and clathrates. It plans to address all aspects of this family of materials in original research papers, review articles and short communications. Information is available from Journal Information Center, PO Box 882, Madison Square Station, New York, NY 10159. (212)633-3750.

P.S. As we attempt to improve on the quality of this newsletter, we continue to greatly appreciate contributions from our readers - on any subject. The sole criteria is that the subject be of interest to a reasonable number of "average" microscopists.

Material can be of any length, including half (900 word) and quarter (400 word) page lengths. "Light" and/or humorous contributions are specifically of value. Thanks for your help!!!
--- Ed.

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