ICEM13 - PARIS '94

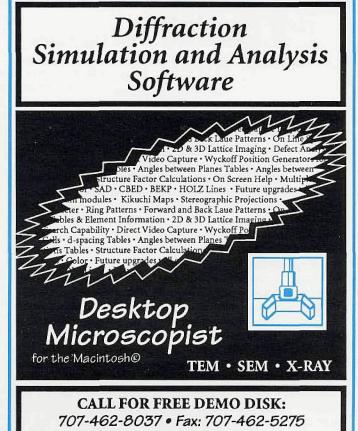
The 13th International Congress on Electron Microscopy will be held in Paris at the *Palais des Congrès (Porte Maillot)* on 17-22 July 1994. As organized under the auspices of the International Federation of Societies for Electron Microscopy (IFSEM), it will be the latest in the series of international meetings, held every four years.

The scientific program will extend over all types of microscopy: transmission and scanning electron, near-field, confocal and ion microscopy as well as microanalytical techniques and related approaches. A considerable part of the meeting will be devoted to applications: materials and their structural, thermodynamic, mechanical, electronic and magnetic properties; biology; medicine; crystallography; mineralogy. Quantitative aspects will be of special importance.

The Congress will be divided into scientific sessions (symposia \star and posters), workshops, a vast exhibition of scientific material and \star open laboratories. The scientific exhibition will display a very wide \star choice of equipment and accessories - and all the latest developments.

After receipt of a "Pre-Registration Form", the organizers will send you a final registration form, hotel registration form, etc. **However**, they request this first form prior to 1 November 1993. As a friendly service, *Microscopy Today* will fax you a copy of the Pre-Registration Form - you have but to call (608)836-1970 or fax (608)836-1969. Or contact the organizers by writing:

> SECRETARIAT ICEM13 67, rue Maurice Gunsbourg 94205 IVRY SUR SEINE, cedex, France



VIRTUAL LABORATORIES

PRACTICAL READINGS

G.R. NEWMAN and J.A. HOBOT, University of Wales College of Medicine, Cardiff

RESIN MICROSCOPY AND

ON-SECTION IMMUNOCYTOCHEMISTRY For the first time, fixation, resin embedding and immunocytochemistry — the

To the mist much match, team obscume and minibulation by teemsty of the subjects of innumerable publications — have been organized into a comprehensive and coherent scheme showing how the various methodologies relate. Newman and Hobot provide general theoretical and practical considerations for an overall understanding of the subject matter. They include detailed protocols that can be easily selected and efficiently applied, and describe commercially available resins and their usage. As well, they consider the advantages for cytochemistry and immunocytochemistry of matching tissue fixation to processing and resin embedding. Of particular interest to microscopists already expert in some areas of cytochemistry and immunocytochemistry, this book also enables non-microscopists who are new to the field to gain a quick grasp of the basic principles.

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G. GRIFFITHS, EMBL, Heidelberg, Germany

FINE STRUCTURE IMMUNOCYTOCHEMISTRY

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1993/480 PP., 90 ILLUS., 23 TABLES/HARDCOVER \$98.00 ISBN 0-387-54805-X P.-C. CHENG and T.-H. LIN, Advanced Microscopy and Imaging Lab, SUNY, Buffalo, and W.L. WU and J.L. WU, Institute of Zoology, Taipei, Republic of China (eds.)

MULTIDIMENTSIONAL MICROSCOPY

In *Multidimentsional Microscopy*, the contributing authors present an impressive summary of current results in a very dynamic field in modern biology: state-of-the art methods in light and electron microscopy in which microscopes and computers are used together to allow specimins to be examined and reconstructed in three dimensions. They emphasize the methods that can be used to achieve three-dimensional reconstruction and provide examples of biological systems to which these methods have been applied. Extensive descriptions of confocal microscopy and its applications are included, as well as chapters on X-ray microscopy, low voltage electron microscopy and image reconstruction.

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