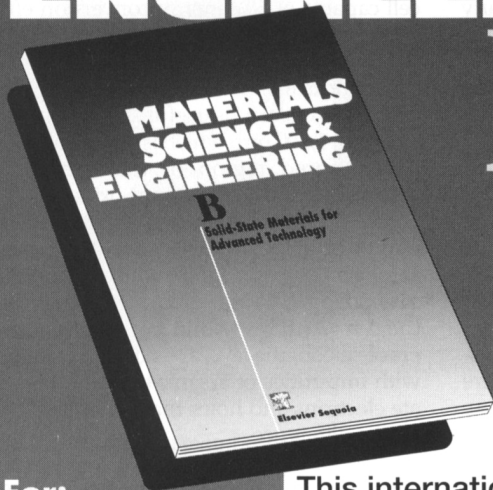


# MATERIALS SCIENCE & ENGINEERING



## B

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*Materials Science and Engineering B* provides an international medium for the publication of theoretical and experimental studies and reviews related to the electronic, ionic, magnetic and optical properties of materials both in bulk and in thin films. Papers dealing with the processing, characterization, structure and physical properties of the crystalline, amorphous and glassy forms of metals, superconductors, semiconductors, insertion compounds, low-dimensional compounds and systems, fast-ion conductors, polymers and dielectrics are viewed as suitable for publication.

## UPCOMING CONFERENCES

### Wear of Materials Conference to Cover Fundamental Research, Practical Wear Problems

Wear in all its forms continues to be the focus of a series of International Conferences on Wear of Materials. The ninth conference in this series, scheduled for April 13 - 17, 1993, in San Francisco, California, aims to present current research and engineering studies in a way that encourages interaction among fundamental researchers and practicing engineers concerned with metals, polymers, ceramics, composite materials, and coatings.

Topics include the following: mechanisms of erosion and wear, wear of various materials combinations, wear of mechanical devices and products in industry, wear in lubricated systems, diagnosis of wear failures, effect of service conditions on wear, influence of materials choices in the control of wear, conceptual and engineering modeling of the wear process, design for wear resistance, wear testing, and friction related to wear of materials.

Presentations will be made in the form of full-length research papers (with materials and experiments described so that other researchers can repeat the experiments), communications on work in progress (also early results, applied research), case studies describing wear problems occurring in service and their solutions, and posters.

A call for poster submissions will be issued in Fall 1992 for presentations on new materials or surface treatments with improved wear or friction characteristics, research in progress in tribology, and wear failure analysis case histories. For information about submitting a poster, contact: P.A. Swanson, WOM Conference Secretary, Deere & Co., Technical Center, 3300 River Drive, Moline, IL 61265 USA; phone (309) 765-3743; fax (309) 765-3807.

A photomicrograph contest will also be held. Entries for this contest will be solicited in Fall 1992 for the following categories: optical microscopy, scanning electron microscopy, transmission electron microscopy, novel imaging techniques, and the art of tribology.

For more information about the conference, contact either K.C. Ludema, University of Michigan, Dept. of Mechanical Engineering, Ann Arbor, MI 48109-2125, phone (313) 764-3364, fax (313) 747-3170; or O. Vingsbo, Uppsala University, School of Engineering, P.O. Box 534, S-751 21 Uppsala, Sweden, phone (46) 18-183-087, fax (46) 18-555-095.



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