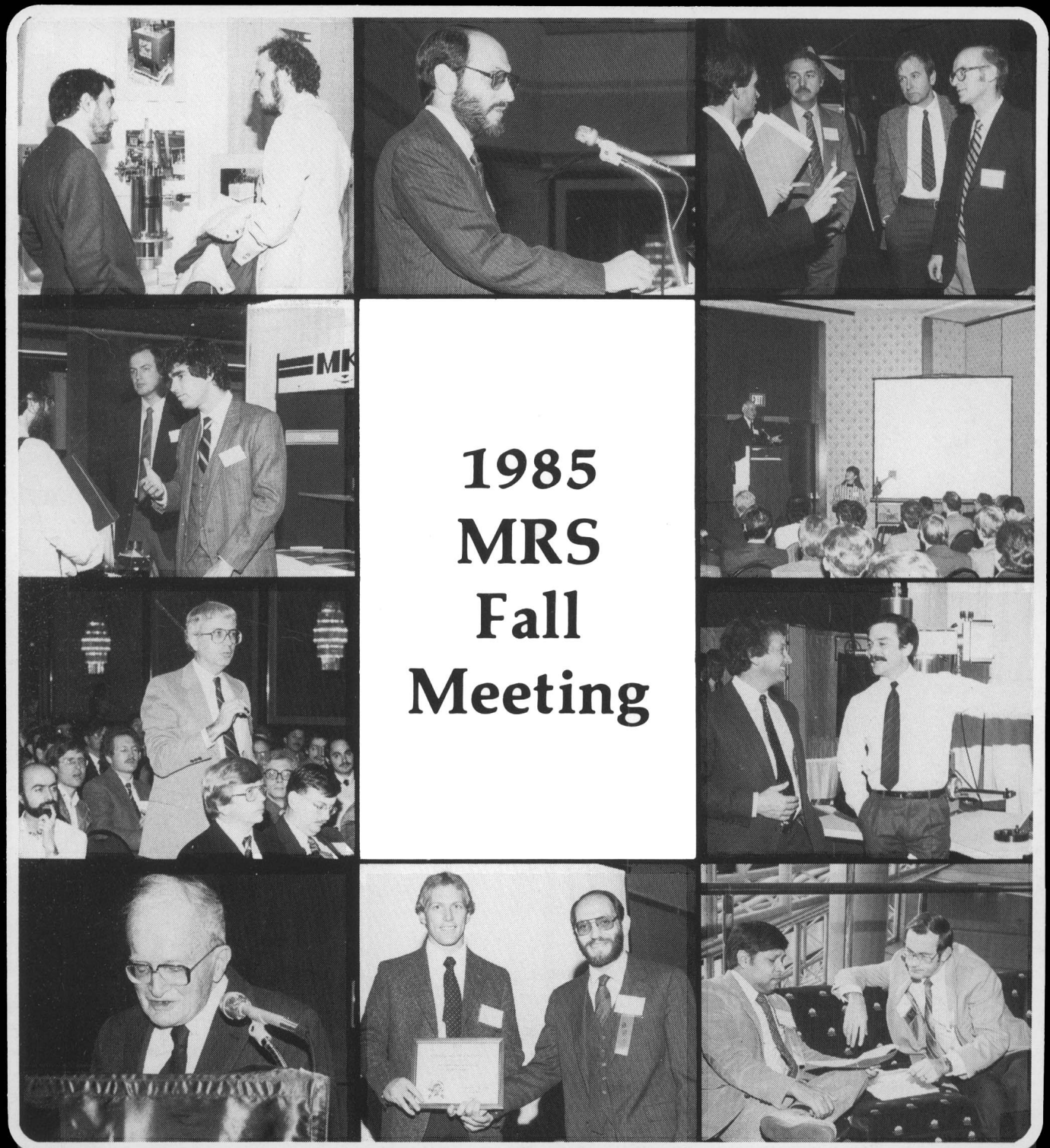


MRS BULLETIN

Materials Research Society Vol. X No. 5 September/October 1985



Preview and Registration Information

RBS SURFACE ANALYZER LOOK INTO IT!

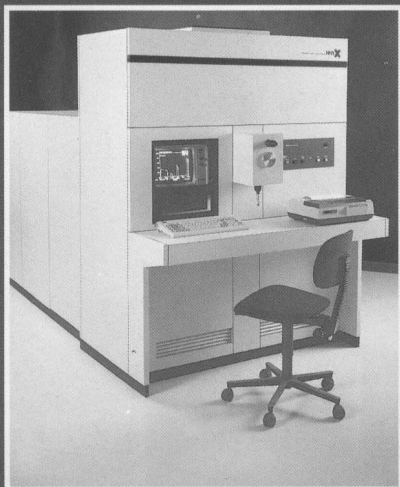
METALS

SILICIDES

CATALYSTS

GLASSES

COATINGS



The Model 4175 Rutherford Backscattering Surface Analyzer is a compact, easy to operate instrument, designed for routine surface and depth characterization of thin films and solid materials. Rutherford Backscattering provides:

- Quantitative analysis without standards
- Mass and Depth analysis without sputtering
- Atomic stoichiometry without sensitivity factors
- Excellent detection limits

The system features fast computerized data acquisition, a small footprint, and simple push-button operation. A one-day training period, is all that's necessary. We've made it that simple. We invite you to send us a sample... Find out what RBS can do for you.

Direct all inquiries to Dr. David Stern, RBS Product Manager at General Ionex Corporation, 19 Graf Rd., Newburyport, MA 01950 (617) 462-7147

IonX

FALL MEETING PREVIEW

- 12 Job Placement form
- 13 Technical Symposia
- 13 Exhibitors
- 15 Registration forms

ALSO

- 10 MRS Co-sponsors Meetings on Ion Beams and Semiconductor Based Heterostructures
- 24 Manuscripts Sought for *Journal of Materials Research*
- 30 Report on International Seminar on Final Disposal of Radioactive Waste

DEPARTMENTS

- 2 Book Reviews
- 4 Material Matters
- 6 Research/Researchers
- 9 Call for Papers
- 26 Calendar
- 28 Letters
- 32 Classified

MRS BULLETIN is published bimonthly by the Materials Research Society for its members and others interested in materials science. Correspondence and submissions are invited. They should be brief and typewritten (double-spaced), and the author's affiliation must be indicated. Address all correspondence to the Editor.

1985 MRS Officers

President

E. N. Kaufmann

Lawrence Livermore National Laboratory

First Vice President and President-Elect

G. E. Pike

Sandia National Laboratories

Second Vice President

K. C. Taylor

GM Research Laboratories

Secretary

R. C. Ewing

University of New Mexico

Treasurer

C. W. Draper

AT&T Technologies

Past President

C. W. White

Oak Ridge National Laboratories

MRS Executive Director

J. B. Ballance

MRS Headquarters

MRS-Europe

P. Siffert

Centre de Recherches Nucleaires

Laboratoire PHASE

67037 Strasbourg Cedex

France

(88) 28 65 43

MRS BULLETIN

Editorial Board Chairman

H. J. Leamy

AT&T Bell Laboratories

MRS BULLETIN Editor

G. A. Oare

Graphic Artist

P. M. Gruden