

MRS BULLETIN

July 1989

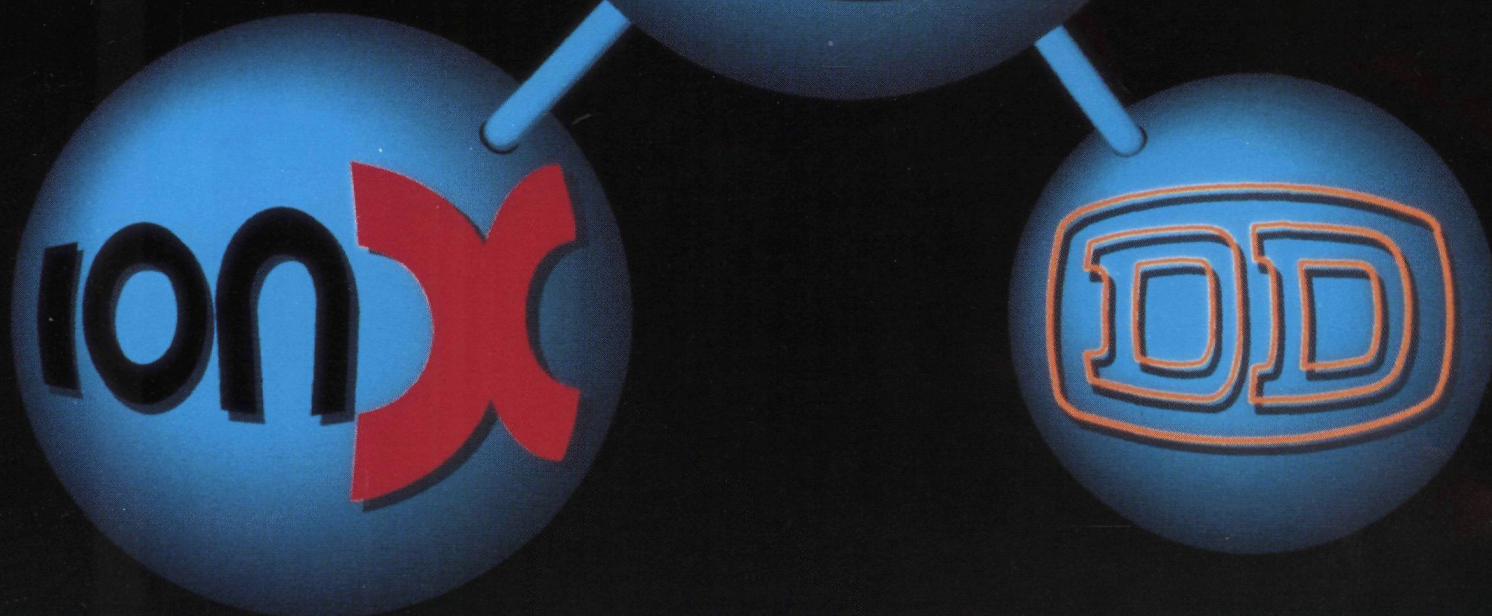
Volume XIV, Number 7

Serving the International Materials Research Community

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A NEW CLUSTER IS BORN



General Ionex acquired by High Voltage Engineering Europa B.V.

In December 1987 High Voltage Engineering Europa B.V. (HVEE) acquired Dowlish Developments Ltd (DD), an accelerator tube manufacturer located in the United Kingdom.

On April 10, 1989, HVEE purchased the General Ionex Analytical Product Group from Genus Inc. based in the United States.

Through this acquisition HVEE positions itself as the largest and most diverse manufacturer of particle accelerators for the scientific and industrial research communities.

The acquired General Ionex (GI) product lines, which include the Tandetron accelerator systems and Model 4175 RBS Analyser, will be manufactured in HVEE's new, well-equipped facility in Amersfoort, The Netherlands.

World wide marketing of all products from HVEE, DD and GI will originate from HVEE Amersfoort with sales and service offices in the USA, Europe and Japan.

After addition of the newly acquired products HVEE's product lines include:

- *Ion Accelerator Systems*
 - Air insulated accelerators up to 500 kV
 - Single ended Van de Graaff accelerators up to 4 MV
 - Tandem Tandetron accelerators up to 3 MV/TV
- *Research ion implanters*
 - Beam energies 10 keV-9 MeV and higher
- *Systems for ion beam analysis*
 - Systems for RBS, PIXE, PIGE, NRA, ERD, MACS and MEIS
- *Components*
 - HV power supplies, electron and ion accelerator tubes, ion sources beamline components, beam monitoring equipment, UHV sample manipulators, etc.

For further information on this transaction and product literature please contact HVEE in Amersfoort/NL.



**More
Energy for Research**

HIGH VOLTAGE ENGINEERING EUROPA B.V.

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ON THE COVER: The Materials Open Test Assembly of the U.S. Department of Energy's Fast Flux Test Facility (FFTF/MOTA) is the operational vehicle for a set of bilateral and multinational research tasks in the study of the irradiation behavior of materials for fusion energy development. In addition to domestic program use, the Energy Department has established cooperative research and testing activities with partners in the International Energy Agency and with the government of Japan in the use and support of the FFTF/MOTA in furthering the development of fusion energy. Experiments in the MOTA include *in situ* tritium production, release and recovery, and the irradiation of more than 10,000 materials specimens.

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Materials Research Society • 9800 McKnight Road, Suite 327 • Pittsburgh, PA 15237

MRS BULLETIN

Editor

G. A. Oare
(412) 367-3036

Assistant Editor

F. M. Wieloch
(412) 367-3036

Copy editors

S. W. Morelli, D. Sours

Design/Production

C. Love, W. Appman
(412) 367-3003

Editorial Assistant

J. Dininny
(412) 367-3036

Advertising and Circulation

M. E. Kaufold
(412) 367-3036

Associate Editor—Europe

I. W. Boyd
University College London
Dept. of Electronic and
Electrical Engineering
Torrington Place
London WC1 E7 JE
United Kingdom
01-387-7050
ext. 3956 or 7340

Contributors

K. J. Anderson,
A. Boekstein

Guest Editor

T. C. Reuther

Editorial Chairman

E. N. Kaufmann
Argonne National Laboratory
Chicago, Illinois

International Advisory Board

M. Balkanski University of Pierre and Marie Curie Paris, France	R. Roy Pennsylvania State University University Park, Pennsylvania
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Materials Research Society
John B. Ballance

EUROPEAN MRS

P. Siffert

Centre de Recherches Nucléaires
Laboratoire PHASE
67037 Strasbourg, Cedex, France
Telephone: (88) 28 65 43

Technical Editorial Board

J. C. C. Fan Kopin Corporation Taunton, Massachusetts	R. L. Schwoebel Sandia National Laboratories Albuquerque, New Mexico
F. Y. Fradin Argonne National Laboratory Argonne, Illinois	R. C. Sundahl Intel Corporation Chandler, Arizona
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MRS BULLETIN Publications Subcommittee

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ABOUT THE MATERIALS RESEARCH SOCIETY

The Materials Research Society (MRS) is a nonprofit scientific association founded in 1973 to promote interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes more than 8,700 scientists from industrial, government, and university research laboratories in the United States and more than 25 countries.

The Society's interdisciplinary approach to the exchange of technical information is qualitatively different from that provided by single-discipline professional societies because it promotes technical exchange across the various fields of science affecting materials development. MRS sponsors two major international annual meetings encompassing approximately 30 topical symposia, as well as numerous

single-topic scientific meetings each year. It recognizes professional and technical excellence, conducts short courses, and fosters technical exchange in various local geographic regions through Section activities and Student Chapters on university campuses.

MRS is an Affiliated Society of the American Institute of Physics and participates in the international arena of materials research through associations with professional organizations such as European MRS.

MRS publishes symposia proceedings, the *MRS BULLETIN*, *Journal of Materials Research*, and other current scientific developments.

For further information on the Society's activities, contact MRS Headquarters, 9800 McKnight Road, Suite 327, Pittsburgh, Pennsylvania 15237; telephone (412) 367-3003; facsimile (412) 367-4373.