

This issue of the *Journal of Materials Engineering and Performance* is largely devoted to the publication of a special set of papers focused on magnetic materials technology. With the exception of one contribution,* the papers were selected from presentations given at the 1992 Hard & Soft Magnetic Materials Conference, which was part of ASM International Materials Week '92, 4-5 November, Chicago, Illinois. The Conference was sponsored by the Magnetic Materials Group of ASM's Specialty Materials Division and was organized by R.F. Krause, Magnetix International Corp., into four sessions:

HARD MAGNETIC MATERIALS

Co-chairpersons

K.S.V.L. Narasimhan, Hoeganaes Corp.
C.J. Painter, Westinghouse Science and Technology Center

PERMANENT MAGNETS - NITRIDES & CARBIDES

Co-chairpersons

G.C. Hadjipanayis, University of Delaware
S.G. Sankar, Carnegie Mellon Research Institute

SOFT MAGNETIC MATERIALS

Co-chairpersons

E.M. Norin, Metglas Products, Allied-Signal Corp.
J. Bularzik, Inland Steel Research Laboratories

NANOCRYSTALLINE & AMORPHOUS MATERIALS

Co-chairpersons

V.R.V. Ramanan, Allied-Signal Corp.
J.A. Salsgiver, Allegheny Ludlum Corp.



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1992 Publications
Chairman



K.S.V.L. Narasimhan
1992 Administra-
tive Chairman



J.A. Salsgiver
1992 Group
Chairman

The 1992 Conference was in many respects the most successful, rewarding, and satisfying for the Magnetix Materials Group in its eight-year history of service to ASM. The level of the presentations was high, and the papers being published here are of excellent quality. They have also endured the rigorous *JMEP* peer-review process.

In appreciation for an outstanding accomplishment, the Group Governing Board wishes to sincerely thank the efforts of the session Co-chairpersons and, also, our international friends and fellow Group members who helped make the event a success: Y. Tokunaga, Nippon Steel USA, Inc., currently re-assigned back to Japan; T. Kuzuhara, Kawasaki Steel America, Inc.; P. Beckley, British Steel Corp.; and P. Carlberg, Surahammas Burk.

J.A. Salsgiver, Chairman
The Magnetic Materials Group Governing Board
1992 Hard & Soft Magnetix Materials Conference

*T. Obara, 1991 Hard & Soft Magnetix Materials Conference, October, 1991, Cincinnati, OH