

MiCon 82:

**OPTIMIZATION OF PROCESSING,
PROPERTIES, AND SERVICE
PERFORMANCE THROUGH
MICROSTRUCTURAL CONTROL**

Abrams/Clark/Hood/Seth
editors

 **STP 792**

MiCon 82: OPTIMIZATION OF PROCESSING, PROPERTIES, AND SERVICE PERFORMANCE THROUGH MICROSTRUCTURAL CONTROL

A symposium
sponsored by
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Houston, Tex., 18–19 Jan. 1982

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Halle Abrams, Bethlehem Steel Corp.,
Elizabeth Clark, National Bureau of Standards,
John Hood, Stelco, Inc., and
Brij Seth, Westinghouse Electric Co.,
editors

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Foreword

The symposium on MiCon 82: Optimization of Processing, Properties, and Service Performance Through Microstructural Control was held in Houston, Tex., 18–19 Jan. 1982. Sponsored by ASTM Committee E-4 on Metallography, the symposium was also cosponsored by The Metallurgical Society of the American Institute of Mining, Metallurgical, and Petroleum Engineers, the International Metallographic Society, and the Houston Chapter of the American Society for Metals. Halle Abrams, Bethlehem Steel Corp., Elizabeth Clark, National Bureau of Standards, John Hood, Stelco, Inc., and Brij Seth, Westinghouse Electric Co., are editors of this publication.

The success of the first MiCon symposium in 1978 and the publication based upon it (ASTM STP 672) was the outgrowth of over two years of effort on the part of the MiCon Organizing Committee, which was the driving force behind this undertaking. On the basis of this success, the MiCon 82 Organizing Committee was formed to continue the tradition and theme of the MiCon symposia. Whereas the 1978 symposium had three sessions distinguished by material designation, this symposium was divided into sections by applications—specifically, energy generation, energy transport, and solar energy.

MiCon Symposia are the responsibility of the MiCon Organizing Committee. The members of the committee for MiCon 82 and their responsibilities were:

Halle Abrams, Bethlehem Steel Corp., symposium chairman

Elizabeth J. Clark, National Bureau of Standards, session chairman

Richard T. Faircloth, Camco Inc., Houston liaison for American Society for Metals

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Related ASTM Publications

MiCon 78: Optimization of Processing, Properties, and Service Performance Through Microstructural Control, STP 672 (1979), 04-672000-28

Metallography — A Practical Tool for Correlating the Structure and Properties of Materials, STP 557 (1974), 04-557000-28

Formability of Metallic Materials — 2000 A. D., STP 753 (1982), 04-753000-23

Ferrous Alloys and Other Additives to Liquid Iron and Steel, STP 739 (1981), 04-739000-01

Unified Numbering System for Metals and Alloys, DS 56A (1977), 05-056001-01

Applied Surface Analysis, STP 699 (1980), 04-699000-39

Fractography and Materials Science, STP 733 (1981), 04-733000-30

A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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