

*The AIChE JOURNAL, a monthly publication of the American Institute of Chemical Engineers, is devoted to fundamental research and developments having immediate or potential value in chemical engineering.*

**EDITOR****Morton M. Denn****MANAGING EDITOR****Haeja L. Han****COPY EDITOR****Arthur H. Baulch****EDITORIAL ASSISTANT****Karen M. Simpson****CONSULTING EDITORS****Richard Alkire***Electrochemical Engineering***Bruce Finlayson***Computation***Joe D. Goddard***Transport Processes***Keith E. Gubbins***Thermodynamics***James R. Katzer***Catalysis/Surface Science***George E. Keller, II***Separations***Ronald W. Rousseau***Crystallization***John Seinfeld***Environmental Engineering***Reuel Shinnar***Reaction Engineering***Michael Shuler***Biochemical Engineering***George Stephanopoulos***Systems/Design***Larry F. Thompson***Electronic Materials***Matthew V. Tirrell***Materials***PRODUCTION DIRECTOR****Daniel Chillak****EDITOR-IN-CHIEF****Mark D. Rosenzweig****PUBLICATIONS DIRECTOR****Gary M. Rekstad**

## Competitiveness of the U.S. Chemical Industry in International Markets

**Jaromir J. Ulbrecht, Editor***(AIChE Symposium Series Volume 86, No. 274)*

To define the international issues and special challenges facing the U.S. chemical industry, the Institute organized a symposium on "Competitiveness of the U.S. Chemical Industry in International Markets" held in San Francisco on November 9, 1989.

Papers presented at the symposium in San Francisco provide a wealth of data on current and future trends in international chemical trade. This book is a valuable source of information for a broad spectrum of industry—from large and small companies, to trade associations, government and academia.

Now, corporate planners, educators, government agencies and businesses alike can find out:

- where to go to obtain advice and assistance to compete successfully overseas;
- how to form alliances that will help overcome barriers and obstacles to trade;
- how EC-92 will affect the balance of trade;
- the special opportunities presented by the implementation of free trade with Canada;
- how to understand and successfully work through the complex Asian market;
- and much more.

1990 88 pp. ISBN 0-8169-0486-3 LC90-214CIP  
Pub S-274 AIChE Members \$20 Others \$40

*AIChE Journal* (ISSN 0001-1541) is published monthly by the American Institute of Chemical Engineers, 345 E. 47th St., New York, NY 10017. Manuscripts should be submitted to Editor Morton M. Denn, at the Dept. of Chemical Engineering, University of California, Berkeley, CA 94720, Phone (415) 643-6591. The statements and opinions in the *AIChE Journal* are those of the contributors, and AIChE assumes no responsibility for them. Annual subscription rates: \$295 for non-members, \$48 for members, and \$25 for student members; outside U.S., add \$17 for postage. Single copies: \$30; outside U.S., add \$2 for postage. Second-class postage paid at New York, NY and additional mailing offices. Copyright 1991 by the American Institute of Chemical Engineers. Subscribers are requested to give prompt notification of any change of address. Postmaster: Send changes of address to *AIChE Journal*, 345 East 47th St., New York, NY 10017.

**Authorization to photocopy** items for internal or personal use, or the internal or personal use of specific clients, is granted by AIChE for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the \$3.00 per copy fee is paid directly to CCC, 21 Congress St., Salem, MA 01970. This consent does not extend to copying for general distribution, for advertising or promotional purposes, for inclusion in a publication, or for resale. Articles published before 1988 are subject to the same copyright conditions and the fee for each article is \$2.00. *AIChE Journal* fee code: 0001-1541/91 \$3.00.