

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER

BOARD OF EDITORS

E. HAHNE
Institut für Thermodynamik und
Wärmetechnik
Pfaffenwaldring 6
D-70550 Stuttgart, Germany

J. P. HARTNETT (Coordinating
Editor)
Energy Resources Center
University of Illinois
Box 4348, Chicago, IL 60680, U.S.A.

P. J. HEGGS
Department of Chemical Engineering
University of Bradford, Bradford
West Yorkshire, BD7 1DP, U.K.

S. Y. KO (Associate Editor)
Institute of Engineering
Thermophysics
Chinese Academy of Sciences
PO Box 2706, Beijing 100080, China

M. LÉBOUCHE
Laboratoire d'Energétique et de
Mécanique Théorique et Appliquée
CNRS URA 875
2, Avenue de la Forêt de Haye
BP 160, 54504 Vandoeuvre-lès-Nancy
Cedex, France

O. G. MARTYNENKO
Heat and Mass Transfer Institute
Byelorussian Academy of Sciences
25 Podlesnaya, Minsk, Belarus

W. J. MINKOWYCZ
Department of Mechanical Engineering
University of Illinois
Box 4348, Chicago, IL 60680, U.S.A.

B. R. PAI (Associate Editor)
National Aeronautical Laboratory
Post Bag No. 1779, Bangalore 560017
India

P. F. PETERSON (Associate Editor)
Department of Nuclear Engineering
University of California
Berkeley, CA 94720, U.S.A.

K. SUZUKI (Associate Editor)
Department of Mechanical Engineering
Kyoto University, Yoshidahonmachi
Kyoto 606, Japan

I. TANASAWA
Institute of Industrial Science
University of Tokyo
7-22-1 Roppongi, Minato-ku
Tokyo 106, Japan

C.-L. TIEN
University of California
Berkeley, CA 94720, U.S.A.

B. X. WANG
Thermal Engineering Department
Tsinghua University, Beijing 100084
China

HONORARY EDITORIAL ADVISORY BOARD

Co-Chairmen: E. R. G. ECKERT, *University of Minnesota, Minneapolis, MN 55455, U.S.A.*

U. GRIGULL, *Technische Universität, München, Germany*

Past-Chairman: OWEN SAUNDERS, *F.R.S., Imperial College, London, U.K.*

Founding Editors: C. GAZLEY, JR., *The RAND Corporation, Santa Monica, California, U.S.A.*

D. B. SPALDING, *Imperial College, London, U.K.*

J. P. BARDON, *Nantes, France*

F. J. BAYLEY, *Brighton, U.K.*

A. BEJAN, *Durham, NC, U.S.A.*

A. E. BERGLES, *Troy, NY, U.S.A.*

B. T. CHAO, *Urbana, IL, U.S.A.*

M. COMBARNOUS, *Talence, France*

K. CORNWELL, *Edinburgh, U.K.*

R. COTTA, *Rio de Janeiro, Brazil*

M. CUMO, *Rome, Italy*

G. DE VAHL DAVIS, *Kensington,
Australia*

A. A. DOLINSKY, *Kiev, Ukraine*

J. J. D. DOMINGOS, *Lisbon, Portugal*

R. ECHIGO, *Tokyo, Japan*

D. K. EDWARDS, *Irvine, CA, U.S.A.*

Y. FUJITA, *Fukuoka, Japan*

B. GEBHART, *Philadelphia, PA,
U.S.A.*

R. J. GOLDSTEIN, *Minneapolis, MN,
U.S.A.*

G. F. HEWITT, *London, U.K.*

C. HOOGENDOORN, *Delft,
The Netherlands*

J. R. HOWELL, *Austin, TX, U.S.A.*

D. B. INGHAM, *Leeds, U.K.*

T. F. IRVINE, JR., *Stony Brook, NY,
U.S.A.*

S. KAKAC, *Miami, FL, U.S.A.*

Y. KATTO, *Tokyo, Japan*

R. T. LAHEY, *Troy, NY, U.S.A.*

A. I. LEONTIEV, *Moscow, Russia*

F. MAYINGER, *Munich, Germany*

M. D. MIKHAILOV, *Sofia, Bulgaria*

YU. A. MIKHAILOV, *Riga, Latvia*

B. B. MIKIC, *Cambridge, MA, U.S.A.*

Y. MORI, *Tokyo, Japan*

V. E. NAKORYAKOV, *Novosibirsk,
Russia*

R. I. NIGMATULIN, *Moscow, Russia*

F. OGINO, *Kyoto, Japan*

R. POHORECKI, *Warsaw, Poland*

G. D. RAITHBY, *Waterloo, Canada*

U. RENZ, *Aachen, Germany*

J. F. RICHARDSON, *Swansea, U.K.*

W. ROETZEL, *Hamburg, Germany*

J. W. ROSE, *London, U.K.*

J. P. SACADURA, *Villeurbanne,
France*

V. M. K. SASTRI, *Madras, India*

J. SCHNELLER, *Bechovice,
Czechoslovakia*

R. A. SEBAN, *Berkeley, CA, U.S.A.*

R. K. SHAH, *E. Amherst, NY, U.S.A.*

S. SIDEMAN, *Haiifa, Israel*

R. SIEGEL, *Cleveland, OH, U.S.A.*

H. SIMPSON, *Glasgow, U.K.*

E. M. SPARROW, *Minneapolis, MN,
U.S.A.*

K. STEPHAN, *Stuttgart, Germany*

M. A. STYRIKOVICH, *Moscow,
Russia*

M. G. VELARDE, *Madrid, Spain*

R. VISKANTA, *West Lafayette, IN,
U.S.A.*

D. VORTMEYER, *Munich, Germany*

D. R. WEBB, *Manchester, U.K.*

K. T. YANG, *Notre Dame, IN, U.S.A.*

S. M. YANG, *Shanghai, China*

A. A. ZHUKAUSKAS, *Vilnius,
Lithuania*

Subscription Rates

Annual Institutional Subscription Rates 1994: North, Central and South America, U.S.\$1750, Rest of the World £1135. Associated Personal Subscription Rates are available on request for those institutions are library subscribers. Sterling prices exclude VAT. Non-VAT registered customers in the European Community will be charged the appropriate VAT in addition to the price listed. Prices include postage and insurance and are subject to change without notice. Subscription enquiries from customers in North America should be sent to: Pergamon Press Inc., 660 White Plains Road, Tarrytown, New York 10591-5153, U.S.A., and for the remainder of the world to: Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, U.K.

Back Issues. Back issues of all previously published volumes are available direct from Pergamon Press offices.

Published monthly plus additional issues in January, March, May, July, September and November

Copyright © Pergamon Press Ltd 1993

Second-class postage paid at RAHWAY NJ and additional mailing offices. Postmaster send address corrections to International Journal of Heat and Mass Transfer, c/o Pergamon Press Inc., 660 White Plains Road, Tarrytown, New York 10591-5153, U.S.A.