

# Foreword

## JOMAE Special Issue on Ocean Engineering

### J. V. Wehausen Symposium on Water Waves, Ship Waves, and Marine Hydrodynamics

A specialty symposium, **The J. V. Wehausen Symposium on Water Waves, Ships Waves, and Marine Hydrodynamics** was held at the 21st International Conference on Offshore Mechanics and Arctic Engineering in Oslo, Norway on 23–28 June 2002. The symposium was held in honor of John V. Wehausen, Professor Emeritus of the University of California at Berkeley, in recognition of his significant accomplishments in the fields of linear and nonlinear water waves and related research issues. His published works in these fields have provided much guidance to an international community of researchers and educators. In addition, the symposium provided an overview of the present state of surface-wave mechanics and its future as a field of investigation, particularly from the point of view of naval architecture and ocean and offshore engineering. The symposium proceedings can provide insights for many workers interested in continuing to advance this field at the outset of this new century.

The November 2001 call for papers resulted in an enthusiastic response. More than thirty papers and talks were reviewed for presentation at this two-day special symposium. The topics included nonlinear wave-body effects, shallow-water hydrodynamics, rogue waves, ocean surface waves, ship motions, ship and watercraft waves, internal waves, and higher-order effects. The contributions in these areas were possible because of the interests of the Ocean Engineering scientific community and the authors, many of whom were colleagues and former students of John Wehausen. All papers presented during the J. V. Wehausen Symposium are published in the proceedings of OMAE 2002 in CD form.

This special issue of JOMAE is a collection of selected papers from this symposium. These papers were further reviewed and found acceptable for JOMAE. This collection should be of special interest to the readership of the Journal of Offshore Mechanics and Arctic Engineering, as it represents some of the success of the use of the principles of rational mechanics in solving marine problems. This is an approach that John Wehausen has so ably championed.

#### Guest Editors

Subrata K. Chakrabarti  
R. Cengiz Ertekin  
Joseph L. Hammack  
Daniel T. Valentine  
Ronald W. Yeung  
*October 15, 2002*



Participants of the J. V. Wehausen Symposium of the OMAE-Oslo Conference on June 26, 2002  
(J. V. Wehausen, front row, sixth from right)