

Editorial

Professor Roland W. Lewis bows out as Editor



At the end of 2007, Roland Lewis will step down as Editor of the *International Journal for Numerical Methods in Engineering*. Roland, along with the founding editors, Olgierd Zienkiewicz and Richard Gallagher, has been a major force behind the growth and success of the journal. He began as an Associate Editor in 1974 and became Editor in 1988. During that time, the journal has grown from four issues per year to 52 and has become one of the leading journals in computational mechanics.

In addition to his immense editing accomplishments, Roland has an enviable record in research and scholarly writing. He has authored five textbooks and over 350 scientific publications, including *The Finite Element Method in the Static and Dynamic Deformation and Consolidation of Porous Media*, the accepted state-of-the-art textbook in the field. He has also edited 19 monographs and conference proceedings on numerical methods. He has made substantive contributions to finite element methods and pioneered the application of finite methods in soil mechanics and heat and fluid flow. He is also widely known for his work in casting simulations, particularly solidification, powder compaction; natural and artificial ground freezing; heat and mass transfer in porous capillary bodies; consolidation and flow through porous media; and multiphase flow in petroleum reservoirs.

His editorial activities are difficult to match: Apart from serving as an Editor of the *International Journal for Numerical Methods in Engineering* for over three decades, he is Editor of *Communications on Numerical Methods in Engineering* and of the *International Journal for Numerical Methods in Heat and Fluid Flow*. He is the member of Editorial Boards of a number of leading scientific journals in the field of computational mechanics.

Roland has lectured widely and has always enthusiastically responded to frequent invitations to present research colloquia, courses and lectures both in the U.K. and worldwide. He has himself been actively involved in conference organization throughout his career: Between 1979 and 1997 he was the Chairman of the series of international conferences on *Numerical Methods in Thermal Problems*, which were leading scientific meetings and served as a forum for researchers to get acquainted with the main developments in the field. He has also acted as a co-organizer of two international conferences on *Numerical Methods in Coupled Systems* in 1981 and 1984.

For his contributions to the wide area of engineering, Roland has been elected to the Fellowship of the Royal Academy of Engineering in 1997. Roland is also a fellow of the International Association of Computational Mechanics (IACM) and received the Computational Mechanics Award of the IACM in 2002.

Roland's dedication and his pursuit of excellence have been an inspiration to us. We hope to continue the journal along the superb path that he has forged for us.

TED BELYTSCHKO
RENÉ DE BORST
CHARBEL FARHAT