
BOARD OF EDITORS

WIN AUNG

Following baccalaureate and post-graduate studies at the Rangoon Institute of Technology and the University of Minnesota, respectively, Win Aung joined Bell Laboratories in Whippany, NJ in 1969 as a Member of Technical Staff. In 1974 he became a Program Director at the U.S. National Science Foundation (NSF). From 1986 to 2000 he was named in succession as Director of the Division of Mechanics, Structures and Materials Engineering, Director of the Division of Civil and Mechanical Systems, and Senior Staff Associate – Engineering Education. He was appointed to the U.S. Senior Executive Service in 1985 and was recipient of the first NSF Federal Engineer of the Year Award in the same year. From 1976 - 1996, he held adjunct and visiting professorships at several universities in the U.S. and abroad, with an active schedule of teaching, research and student mentorship. In 1994, he initiated the ICEE (International Conference on Engineering Education) series and, in 2004, established the International Conference on Engineering Education and Research (iCEER) series. He co-founded the International Network for Engineering Education and Research (iNEER) in 2000, and is serving as its Secretary-General. A Fellow of American Society of Mechanical Engineers (ASME) since 1983, he has written extensively on research and education and is a frequent speaker on campuses around the world and at international conferences. He has published over 120 technical papers, and has edited or co-edited more than 10 books. In 1999, he was awarded an honorary doctorate (*Doctorem Honoris Causa*) by VSB – Technical University of Ostrava in Ostrava, Czech Republic, and in 2005, he was awarded the Medal of Merit by Silesian University of Technology in Gliwice, Poland. He was a member of the Standing Committee on Theory and Fundamental Research of the ASME Heat Transfer Division, the ASME Board on Engineering Education, and the ASME Council on Education. He is a member of the Scientific Board of VSB - Technical University of Ostrava and was an editor of Transactions of ASME, Journal of Heat Transfer.

CAROLINE CROSTHWAITE

Caroline Crosthwaite, BE (Hons), MEngStud, UQ, MSc, JCU, is an Associate Professor of Chemical Engineering at the University of Queensland, Brisbane, Australia, with extensive experience in curriculum design and innovation in engineering education. She is the coordinator of the curriculum team that won the 2005 Australian Award for University Teaching in the category of Enhancing the Quality of Teaching & Learning for the University of Queensland's Project Centred Curriculum in Chemical Engineering. She received the 2004 Australasian Association for Engineering Education Award for Excellence in Curriculum Innovation. She has taught across all levels of the undergraduate curriculum, has written many papers on engineering curriculum and pedagogy, and consults nationally and internationally on engineering education development. As Director of Studies she is responsible for teaching and learning in all degree programs in the Faculty. She is also a Co-Director of the Catalyst Research Centre for Society & Technology.

RAMON VASQUEZ ESPINOSA

Ramon Vasquez Espinosa has been Dean of the College of Engineering at the University of Puerto Rico, Mayaguez (UPRM), since 2000. He first joined UPRM as a teaching assistant in 1974 and was appointed Assistant Professor and Associate Professor in 1984 and 1987, respectively. He became Professor of Electrical and Computer Engineering at UPRM in 1992. He received the BSEE and MSEE degrees from the University of Puerto Rico in Mayaguez in 1974 and 1979, resp., and the Ph.D. from Louisiana State University in 1984. From 1994 to 1999 he held a series of administrative and managerial positions including Associate Dean of Academic Affairs, Director of the laboratory of Remote Sensing and Image Processing (LARSIP), and Director of the Center for Computing Research and Development, Department of Electrical and Computer Engineering. A member of IEEE, ASEE, APIE and ACM, Sigma Xi, Eta Kappa Nu and Tau Beta Pi, he has received many honors and distinctions including the Centennial Certificate of ASEE. He has published and presented over 75 technical papers.

JERZY MOSCINSKI

Jerzy Moscinski received the M.Sc. and Ph.D. degrees in Automation and Robotics from Silesian University of Technology, Gliwice, Poland, in 1982 and 1990 respectively. He has taught several courses in the field of Control, Signal Processing, Identification and Estimation, Computer Controlled Systems and Computer Networks in the Department of Automatic Control, Electronics and Telecommunications and Computer Science, SUT, Gliwice. Since 1993 he has been involved in the organization of international co-operation at the Silesian University of Technology as Rector's Representative for International Collaboration. Dr. Moscinski has coordinated at the University level the international exchange of students and teachers, international vocational training programs as well as international collaboration in the field of research and development as head of the Regional Contact Point in Gliwice. He is an iNEER member and is involved in the organization of ICEE conferences. His main areas of interest include advanced control and signal processing, computer networks and their role in computer controlled systems and computer based education, Internet and multimedia technologies, international collaboration in education and research.

SHAN-HWEI OU

Shan-Hwei Ou is a Professor of Dept. of Hydraulic and Ocean Engineering at National Cheng Kung University, Tainan, Taiwan. He now serves as Vice President of the university. Dr. Ou received his education at National Cheng Kung University, earning the B.S., M.S. and Ph.D. degrees in civil engineering in 1968, 1971 and 1978, respectively. He spent much of his career as an educator and for more than 20 years has been on the faculty of the National Cheng Kung University. He has served in a succession of administrative posts in higher education, each for several years: Chairman and Director of Hydraulic and Ocean Engineering at National Cheng Kung University, Dean of the College of Engineering at National Cheng Kung University. He has many publications, honors and awards and professional activities to his credit.

LUIS MANUEL SÁNCHEZ RUIZ

Since 1980 Luis Manuel Sánchez Ruiz has been affiliated with Universidad Politécnica de Valencia (UPV), Spain, where he became Full Professor of Mathematics in 2000. He graduated and received his Ph.D. from Universidad de Valencia in 1980 and 1988, respectively, and was a Visiting Professor at the University of Florida, Gainesville, FL, USA on several occasions during 1992-99. His current research interests include Functional Analysis from both theoretical and applied points of view. He has published over 100 papers in scientific journals and conference proceedings and more than 10 textbooks on Mathematics for Engineers, and is co-author of the research monograph *Metrisable Barrelled Spaces* published by Longman. The former Academic Coordinator of Mediterranean University of Science and Technology, he has been responsible for several research projects granted by the Spanish Ministry of Education. He is currently a reviewer for publishing companies, research projects and several international journals, as well as a member of the Editorial Board of *Scientiae Mathematicae Japonicae*. He has been a member of the International Steering Committee (ISC) of International Conference on Engineering Education (ICEE) of iNEER, and was General Chair of ICEE-2003: Valencia.