

# The International Journal of ENGINEERING EDUCATION

FOUNDER AND FIRST EDITOR-IN-CHIEF

MICHAEL S. WALD

(1932–2008)

## EDITOR

**Ahmad Ibrahim, Ph.D., P.Eng**

Hamilton, Ontario, Canada

E-mail: ijee.editor@gmail.com

## ASSOCIATE EDITORS

**Thomas R. Kurfess, Ph.D., P.E.** Professor and HUSCO/Ramirez Distinguished Chair in Fluid Power and Motion Control, George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, 801 Ferst Drive, Atlanta, GA 30332-0405, USA. E-mail: kurfess@gatech.edu

**Milos Manic, Ph.D.**, Professor and MHG Director, Virginia Commonwealth University, Richmond, VA, 23284, USA.

E-mail: miskomis@gmail.com

**D. McCarthy**, Tempus Publications, Rathfarnham, Dublin 14, Ireland. E-mail: donalmmccarthy@eircom.net

**J. Turner**, Dublin Institute of Technology, Bolton Street, Dublin 1, Ireland. E-mail: jturner@dit.ie

## EDITORIAL ADVISORY BOARD

**Alice Agogino**, Mechanical Engineering, University of California, Berkeley, 94720-1740, USA.

**Faiez Alani**, School of Engineering Technology, Faculty of Engineering, McMaster University, Ontario, Canada.

**Stuart Burgess**, Department of Mechanical Engineering, University of Bristol, UK.

**Wei-Fan Chen**, Information Sciences and Technology, Penn State University Wilkes-Barre Campus, Lehman, PA 18627, USA.

**Andrés Díaz Lantada**, Escuela Técnica Superior de Ingenieros Industriales, Universidad Politécnica de Madrid, Spain.

**Nesimi Ertugrul**, Department of Electrical and Electronic Engineering, University of Adelaide, Adelaide 5005, Australia.

**R. Felder**, North Carolina State University, Raleigh NC 27695, USA.

**Lawrence Genalo**, Department of Materials Science and Engineering, Iowa State University, Ames IA 50011, USA.

**Denis Gillet**, EPFL, Swiss Federal Institute of Technology, CH-1015, Switzerland.

**Wilmar Hernandez**, Department of Circuits and Systems, EUIT de Telecomunicacion, Universidad Politecnica de Madrid, Ctra. Valencia km 7, 28031 Madrid, Spain.

**Ahmed Hussein**, Physics Department, University of Northern British Columbia, Prince George, B.C., Canada.

**Dogan Ibrahim**, Department of Biomedical Engineering, Near East University, Nicosia, Cyprus.

**J. Jawitz**, Centre for Higher Education Development, University of Cape Town, South Africa.

**Kok Kiong Tan**, Department of Electrical and Computer Engineering, National University of Singapore, Singapore.

**Paul King**, Department of Biomedical Engineering, Vanderbilt University, Nashville TN 37235-1631, USA.

**Anette Kolmos**, UCPBL, Aalborg University, Fibigerstraede 13, DK-9220 Aalborg, Denmark.

**Gordon Krauss**, Harvey-Mudd College, Claremont, CA 91711, USA.

**Vinod K. Lohani**, Department of Engineering Education, Virginia Tech, USA.

**Susan Lord**, Department of Engineering, University of San Diego, CA 92110, USA.

**Khairiyah Mohd Yusof**, Centre for Engineering Education, Universiti Teknologi Malaysia, 81310 Johor Bahru, Malaysia.

**Patricia Ordonez de Pablos**, Dept. Business Administration, The University of Oviedo, Spain.

**Tom Owens**, Department of Electrical Engineering & Electronics, Brunel University, Uxbridge, UK.

**Shirley Pomeranz**, Department of Mathematical and Computer Sciences, The University of Tulsa, Tulsa, OK 74104-3189, USA.

**Z. J. Pudlowski**, Monash University, Clayton, Melbourne, Vic 3168, Australia.

**Nicholas Salamon**, Engineering Science & Mechanics, Penn State University, University Park, PA 16802, USA.

**D. Schaefer**, Department of Mechanical Engineering, University of Bath, Bath, BA2 7AY, United Kingdom.

**Thomas C. Sheahan**, College of Engineering, Northeastern University, Boston, MA 02115, USA.

**Sheri D. Sheppard**, Department of Mechanical Engineering, Stanford University, Stanford, CA 94305, USA.

**P. Shiue**, Christian Brothers University, Memphis TN 38104, USA.

**C. S. Slater**, Rowan University, Department of Chemical Engineering, Glassboro, NJ, USA.

**I. Verner**, Department of Education in Technology & Science, Israel Institute of Technology, Haifa 32000, Israel.

**B. Wagner**, Center for Didactics of Technology, University of Hannover, Germany.

**Levent Yilmaz**, Department of Computer Science and Software Engineering, Auburn University, Auburn AL 36849, USA.

---