

### **iNEER Awards Committee (2011)**

#### **TIM BRUNDLE, Northern Ireland, United Kingdom (Member)**

Timothy Brundle is a business executive, technology investor and innovation advisor. He is responsible for the commercial development of the University of Ulster where he leads the University's support for business and economic development, directs Ireland's most successful academic consultancy business and manages a highly active technology transfer team. On behalf of the University, he is the Executive Director of Innovation Ulster Ltd, the University of Ulster's award-winning technology venturing and investment company. Prior to his appointment with Ulster, on behalf of QinetiQ Group PLC, he held the positions of both Director of Sales and Marketing and Technology Transfer Director within the Ministry of Defence Diversification Agency. In his early career, Timothy consulted in the area of technology forecasting. Timothy has a passion for delivering economic value and social impact from innovation. He has extensive experience and a successful record in Intellectual Property licensing, starting high technology companies, marketing innovation, productising inventions, raising private equity and Venture Capital, and Initial Public Offerings. Timothy is a non-Executive Director of a number of early stage high technology companies and is a Board member of Invest NI, Northern Ireland's economic development body. He holds a Bachelor of Science Honours Degree in Biotechnology from the University of Glamorgan and both a Master of Medical Science Degree and an Executive MBA from Queen's University of Belfast.

#### **OLGA DOLININA, Russia (Member)**

Dr. Olga Dolinina is Dean of the International Faculty of Applied Information Technologies of Saratov State Technical University (SSTU) Russia, Head of the Department of Applied Information Technologies, and formerly Head of International Relations of SSTU. She received her Engineering Degree in Software Engineering and the Ph.D. at SSTU. Her prior experience includes the coordination of international projects for TEMPUS, BRIDGE, EURASIA, and IREX. She is a visiting professor at Hogeschool Gent, Belgium, and Member of Digital Community (Hewlett Packard). She has authored more than 120 publications in the information technology. She is the coordinator of the "Digital Wind", an international competition of computer projects for youth and children that she founded at the SSTU Computer School for Kids and the APTECH Computer Training Center. The recipient of several Certificates of Merit from the Russian Government, she has been a member of iNEER since 2004.

#### **VOJISLAV ILIC, Australia (Chair)**

Vojislav came to the University of Western Sydney (UWS) from the University of Sydney in Sydney, Australia where he obtained his PhD in 1994. He obtained a Master of Engineering Science Degree and his undergraduate degree in Mechanical Engineering at the University of New South Wales and a Diploma in Mechanical Engineering from the Royal Melbourne Institute of Technology. Prior to Vojislav's engagement at the University of Sydney, he was a Research Engineer with the Commonwealth Scientific and Industrial Research Organization in the Division of Energy Technology where he led a Research Team into applications of multi-phase flow technology to petroleum metering from oil wells and vapour generation in parabolic trough solar concentrators. He spent two years in the U.S. (while on leave of absence from the Australian Atomic Energy Commission, AAEC) working as a Research Fellow in the Thayer School of Engineering, Dartmouth College (Hanover, NH) and University of California (Santa Barbara, CA). He was also a visiting scholar at the University of Belgrade in 2007. Vojislav is the elected Leader of the Asia-Pacific District of the American Society of Mechanical Engineers (ASME), a Board Member of the Engineers Australia College of Mechanical Engineers and of iNEER. Applications of magneto-rheological fluids, hypo- and hyper-thermal ablation of tissues and cavitation of submerged water jets are of his current research interests and activities. He is also particularly interested in all aspects of education of engineers with a special focus on introducing humanities into the engineering curriculum and technology into the humanities curriculum. He has published over 110 technical papers.

**PATRICIA FOX, USA (Member)**

Patricia Fox received her B.S. in Accounting from Indiana University in 1980 and M.B.A. from Butler University in 1985. She is the Associate Chair of Computer, Information and Leadership Technology Department and Clinical Assistant Professor of Organizational Leadership and Supervision in the Purdue School of Engineering and Technology at Indiana University Purdue University Indianapolis (IUPUI). Pat currently serves as the ASEE Vice President External Relations and First Vice President. Pat has been very active in international activities for a number of years. In her current position on the ASEE Board, Pat has been involved in the international activities of ASEE. For the past ten years, she has taught a study abroad course in Germany about sustainable practices in business and industry for engineering and technology students.

**LASZLO T. KOCZY, Hungary (Member)**

Laszlo Koczy is Professor and Dean, Szechenyi Istvan University (SZE, Gyor) and Budapest University of Technology and Economics (BME) Hungary. He received the M.Sc., M.Phil. and Ph.D. degrees from the Technical University of Budapest (BME) in 1975, 1976 and 1977, respectively; and the (postdoctoral) D.Sc. degree from the Hungarian Academy of Science, all in Electrical/Control Engineering. He spent most of his career at BME until 2001 and from 2002 at SZE. He has been a visiting professor at various universities abroad, namely in Australia (ANU, Murdoch and UNSW), Japan (TIT), Korea (POSTECH), Austria (J. Kepler U.), Italy (U. of Trento) and Brazil, China, Finland and Poland for summer schools. He was one of the LIFE Endowed Fuzzy Theory Chair Professors at Tokyo Institute of Technology and advisor to the Laboratory for International Fuzzy Engineering Research in Yokohama. His focus of research interest is fuzzy systems and Computational Intelligence topics (evolutionary algorithms, neural networks), as well as applications. He has published over 380 refereed papers and several text books on the subject. He introduced the concept of rule interpolation in sparse fuzzy models, and applied it successfully to the control of an automatic guided vehicle, as well as hierarchical interpolative fuzzy systems and fuzzy Hough transform. This latter topic provided the key technology in the winning vehicle in the 2007 Hungarian Mars Rover Competition. His research interests include applications of CI for telecommunication, transportation, vehicles and mobile robots, control, and information retrieval. He had been an Associate Editor of IEEE TFS and he is an Associate Editor of Fuzzy Sets and Systems, Int. J. of Fuzzy Systems, J. of Advanced Computational Intelligence, Mathware and Soft Computing. He was the General Chair of FUZZ-IEEE 2004 in Budapest, and a number of other conferences, co-chair, and PC member at many other scientific events. He served in the International Fuzzy Systems Association as President, and is now an Administrative Committee member of IEEE Computational Intelligence Society. At SZE he serves his second term as Dean of Engineering, he chairs the Ph.D. School Council and is one of the sponsors of the Szechenyi Alternative Fuel Engine Vehicles Competition, the National Conference of Mechanical Engineering Students, and other activities.