

BIO-SKETCHES

Current and Past Members of iNEER Boards and Committees

Robert Altenkirch is President of New Jersey Institute of Technology, Newark, New Jersey, USA. Prior to that he was Vice President for Research at Mississippi State University (MSU), and served as Dean of College of Engineering and Architecture at Washington State University, and Dean of Engineering at MSU. A mechanical engineer, Altenkirch received the Ph.D. from Purdue, and has hundreds of publications and presentations to his credit. Altenkirch is a fellow of ASME, a member of Phi Eta Sigma, Tau Beta Pi, Sigma Xi, ASEE and the iNEER Board.

Emmanouel Antonidakis received the B.S., M.S., and Ph.D. degrees in Computer Engineering from Boston University in 1987, 1988 and 1993 respectively. He has taught microcomputer courses in the Department of Electronics and Computer Engineering at the Technical University of Crete, in Greece from 1993 till 2001. He was technical director of Protogenea Informatics in Greece from 1994 till 1997 where he developed a software and system for CD ROM networking for large National and Academic Libraries. Since 1998 he is a professor of microcomputers and networking at the Electronics Department of the Technological Educational Institute (TEI) of Crete, in Greece. He designed and contributed to the setup of the ODL classrooms and Laboratories of TEI of Crete. Currently he is the director of the Electronics Department of TEI of Crete where he contributed to the design of a new program of studies and in the implementation of Web courses. His main areas of interest are in the field of microprocessor-based applications, distributed systems and engineering education research.

Mario N. Armenise (6-17-03), Optoelectronics Laboratory, Electrical and Electronic Engineering Department, Politecnico di Bari, Via Re David, 200, 70125 Bari – Italy, Phone +39 080 5963270/492, Fax +39 080 5963610/315, e-mail armenise@poliba.it

Win Aung completed baccalaureate studies in Burma (now Myanmar) and post-graduate studies at the University of Minnesota in Minneapolis, MN, USA. He was a Member of Technical Staff at Bell Laboratories, Whippany, NJ, USA and, since 1974 he has been at the U.S. National Science Foundation (NSF). He was appointed to the U.S. Senior Executive Service and awarded the first NSF Federal Engineer of the Year Award, both in 1985. During 1976-1996, he held adjunct and visiting professorships at several universities in the U.S. and abroad. He is a co-founder of the International Network for Engineering Education and Research (iNEER), and has served as its Secretary-General since 2000. He is also the principal editor of the iNEER Innovations Series. He has published over 120 technical papers, and has edited or co-edited more than 10 books. He received the *Doctorem Honoris Causa* (honorary doctorate) from VSB – Technical University of Ostrava, Czech Republic, in 2005, and from the University of Pécs, Hungary in 2008. In 2005 he was awarded the Medal of Merit by Silesian University of Technology in Poland. A Fellow of ASME since 1983, he received the ASME Classic Paper Award in 1999, served on the ASME Board on Engineering Education and then on its Council on Education, and was an editor of Transactions of ASME, Journal of Heat Transfer. In 1997, he received the Japan Society for the Promotion of Science Invitation Fellowship Award.

Patrick-Yves Badillo is Professor at Aix-Marseille Université and Director of the Ecole de Journalisme et de Communication de Marseille (EJCM). He obtained an M.S. in Economics, Econometrics/Statistics from the Aix-Marseille Université, and an M.S. in Telecommunications from the Université de Paris IX Dauphine. He obtained his Ph.D. in 1987 in the field of the Theory of Innovation from Université de Paris I La Sorbonne. He first worked at France Télécom - Centre National d'Études des Télécommunications (CNET), as head of studies attached to the General Director of the CNET for Engineering and Economic Studies in the field of New Technologies (videocommunication networks, audiovisual industry and satellite systems). After his success at the Agrégation des Facultés de Droit et des Sciences Économiques in 1988, he had various responsibilities at the University. Since 2000, he has also been a Professor in Information and Communication Science. He is the Director of the Sciences de l'Information et de la

Communication Master. He is Director and founder of the research Laboratory on Media, Information and Knowledge.

Bálint Bachmann is currently (2009) the Dean of Pollack Mihály Faculty of Engineering, University of Pécs, Hungary. As an Associate Professor he teaches Building Design on Architectural Engineering and Civil Engineering courses. He is currently the head of the Building Engineering Design Department. He received his B.Sc. in Architecture from the University of Applied Sciences in Würzburg, Germany in 1995. In 1999, he completed his M.Sc. in Architecture at the University of Pécs where he has been a tutor at the Pollack Mihály Faculty of Engineering since 1997. He started a Doctorate of Liberal Arts (DLA) at the Budapest University of Technology and Economics Doctorate Programme and completed his studies in 2006 at the Master School of the University of Pécs. His research major was the optimisation of residential buildings from 1998 and since 2001 he has specialised in heritage preservation in education and practice. He works as an architect at Bachman & Bachmann Architects in Pécs. In 1997 and 1999 he worked as an Architect at Pálffy & Associates in Tokyo, Japan. He has been the designer or co-designer of numerous completed buildings. Since 2007, he has been a member of the Architecture, Civil and Transportation Engineering Qualification Departmental Committee on the Hungarian Accreditation Committee; the Consulting Committee ACETA of the European Committee in Brussels; the Architectural Planning Council at the Ministry of Local Government. He is the deputy of the Chamber of Hungarian Architects. He is also a member of the European Network of Heads of Schools of Architecture and on the Editorial Board of the Journal of Pollack Periodica. He was elected to membership in the iNEER Board in 2009.

Enrique Ballester, Dean of the Faculty of Engineering, Polytechnic University of Valencia, Valencia, Spain; General Chair, ICEE-2003.

William Begell is currently the President of Begell House, Inc. Publishers in New York. Before entering the scholarly publishing business in the early 1960's he was the Managing Engineering Director of the Heat Transfer Research Facility at the Department of Chemical Engineering at Columbia University. A fellow of ASME, Begell received his degrees from The City College of New York, Polytechnic Institute of Brooklyn, Columbia University and the Academy of Sciences of Belarus in Minsk. At Columbia he conducted research in nuclear reactor cooling for both nuclear submarines and plutonium reactors. He was instrumental in developing codes for both cooling and pressure drop calculations in the field. As publisher, Begell has started nearly 100 archival journals in engineering and the medical sciences and was responsible for the publication of several hundred books. He is the author of numerous articles in the archival literature and has edited a number of engineering books. Begell serves on several Boards and Councils of ASME International and other international organizations, such as the International Centre for Heat and Mass Transfer.

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Ian Benest is a lecturer in the Department of Computer Science at the University of York in the UK. He lectures on Digital Circuit Design and User-Interface Design. His research area is that of user-interface design, specialising in hypermedia systems. His research efforts have been applied in the area of computer-based learning in order to test the efficacy of the user-interface techniques. The resulting corpus of teaching material is now being used to underpin research into semantic-based facilities that support searching in a manner that is more akin to a personal assistant. He received the BA degree in Computer and Communication Engineering from the University of Essex in 1974 and completed an MSc and then PhD in interactive computer-aided circuit design from the same University in 1979. After spending five years with the Science and Engineering Research Council at the Rutherford Appleton Laboratory, he took up the lecturing post at the University of York. He teaches digital circuit design and user-interface design. His research interest is that of user-interfaces for hypermedia systems, set in the teaching and learning domain.

John D. Carpinelli received the B. Engr. degree from Stevens Institute of Technology in 1983, and the M. Engr. and Ph. D. degrees from Rensselaer Polytechnic Institute in 1984 and 1987, respectively. He is currently an associate professor of Electrical and Computer Engineering and Computer Science at NJIT, and a member of the Governing Board for the Gateway Engineering Education Coalition. He is the author of the textbook *Computer Systems Organization and Architecture*.

Tomas Cermak was elected as Rector of VSB – Technical University of Ostrava, Ostrava, Czech Republic in elections held in November, 2002. He assumed the position on February 1, 2003 succeeding Vaclav Roubicek. Cermak first came to VSB in 1964 as a senior assistant, rising to become Head of the Department of Electrical Machines and Drives at VSB in 1985. In 1990 he became Rector, which position he held until 1997. In 1997, he was appointed to be Vice Rector for R&D and Foreign Affairs. His service record includes membership of the Scientific Board of VSB and of the State Committee for Scientific Degrees. He chairs the Engineering Division of the Grant Agency of the Czech Republic. He was past member of the Scientific Board of the Technical University of Kosice, Slovak Republic; the Czech Engineering Academy; Vice President of Czech Universities Council; and General Assembly of Czech Academy of Science. An early believer of the value of international cooperation in engineering education and research, he was actively involved with the organization of ICEE since ICEE-1997. He is a member of the ICEE International Steering Committee. He has been Chairman of the iNEER Board since 2004 and is Chairman of the Board of Vesuvius (formerly Hinckley) Slavia Group. He is also Chairman and Vice Chairman of the Supervisory Boards of OZOBEL and Vitkovice Steel Company, respectively. He teaches courses in control of electrical drives and machines; power energy systems, among others. He has written 9 textbooks, and published 50 papers in journals and conference proceedings, with another 35 research papers based on industrial collaboration. He holds 4 patents.

Yury Chebotarevsky is a Professor and, since 1998, Rector of Saratov State Technical University (SSTU) in Saratov, Russia. He is an Honored Person of the Russian Federation Higher School (1996). He was the USSR State Prize Laureate in Laser Technologies (1991), and is a Member of Russian Federation Academy of Engineering Sciences, Academy of Navigation & Control, the International Academy of Information Technology, and the European Association for International Education. Concurrently, he is Head of the Department of Theoretical Mechanics at SSTU. His main areas of interest are in the field of theoretical mechanics, laser technologies, thermomechanics, heat physics, engineering education research, and the improvement of management in education. He was Chairman of Russian Federation Ministry of Education Working Group on Reforming State Scholarship System of Russian Higher Education (2002), and is Member of Economic Council of Ministry of Education of Russian Federation, and Deputy Chairman of Rectors' Council of Saratov Province. He is experienced in coordinating joint international educational and research projects.

Jørgen Erik Christensen received his M.Sc. and Ph.D. degrees from the Technical University of Denmark in Copenhagen in 1981 and 1987 respectively. From 1988 to 1991 he worked at the Danish Building Research Institute, Denmark and was, in 1990, appointed to be a senior researcher. From 1992 he worked as Professor of Integrated Building Technology at Narvik University College, Norway. Since 2003, he has been an Associate Professor in the Faculty of Engineering, Oslo University College. He has been involved in national and international research in the field of energy and environment and a co-developer of an internationally used thermal analysis program – tsbi3.

Eugene Coyle received his B.E. degree in Electrical Engineering, Master of Engineering Science degree in Power Electronics and PhD degree in Engineering Rehabilitation, from University College Dublin in 1977, 1988 and 1993, respectively. Following eight years working in both the private and public sectors in Ireland, he joined Dublin Institute of Technology in 1985. He was appointed Senior Lecturer in 1998, Head of Department of Control Engineering in 2003, and Head

of School of Control Systems and Electrical Engineering in 2004. Eugene is a Fellow of both Engineers Ireland and the Institution of Engineering and Technology. He is currently a member of the Engineering Advisory Committee to the Frontiers Engineering and Science Directorate of Science Foundation Ireland, SFI.

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.

Carlos Henrique de Brito Cruz was appointed as President of the State University at Campinas (Unicamp) in 2002. He graduated from the Instituto Tecnológico da Aeronáutica in Electrical Engineering in 1978, and received the M.Sc. degree in Physics in 1980 and the D.Sc. in Physics in 1983, both from the Physics Institute "Gleb Wataghin" at Unicamp. He was a researcher (1986) at the Quantum Optics Laboratory at the University of Rome, a resident visitor at AT&T Bell Laboratories in Holmdel, NJ (1987) and at AT&T Bell Laboratories in Murray, NJ (1990). He has been Vice-President (1995-1999) of the Brazilian Physics Society, a member of the International Advisory Committee of the Optical Society of America (1991-1994), Director of the Physics Institute (1991-1994, 1998-2002) and Dean of Research (1994-1998) at Unicamp. During 1996-2002, he served as President of the Foundation for the Support of Research in the State of Sao Paulo (FAPESP). His research areas are in ultrafast phenomena in condensed matter. Dr. Brito Cruz is a member of the Brazilian Academy of Sciences.

Xin-Ran Duan is the Dean of Science, Engineering and Mathematics Division at Holyoke Community College (HCC), Massachusetts, USA. Before he joined HCC in July 2006, he was a Full Professor and Chair of Technology at Ivy Tech State College, Columbus, Indiana. Dr. Duan has been working in higher education for over twenty five years. Previously, he taught at Lanzhou Jiaotong University in China. Then he was a Research Associate at Drexel University from 1984 to 1986, joining a research program on heart transfer funded by NSF. He visited Widener University, Pennsylvania, as Research Associate from 1986 to 1987. He graduated from Xi'an Jiaotong University in 1968 and became an engineer in industry. He earned his M.S. in Mechanical Engineering from the University of Oklahoma in 1992. He was enrolled in a Ph.D. program in Mechanical Engineering at the University of Akron, Ohio. Later, he earned his Ph.D. in Higher Education Administration and Leadership from Indiana State University, Terre Haute, Indiana. Dr. Duan has taught a variety of courses in engineering, physics and mathematics. His research interests are in mechanical engineering, thermal science, CAD technology, engineering education, and international higher education. Dr. Duan has published over twenty papers and reports. Recently, his papers were published in *Mechanical Engineering*, *ACADEME* and *Journal of Industrial Technology*, *iNEER conference proceedings* and *iNEER Special Volume* books. He has been a reviewer of papers for *iNEER conferences* and *Special Volumes*. He was also a reviewer for NSF proposal on international higher education. Professor Duan received the President's Award for Excellence in Instruction in 2002 and an award of Excellence from the College's Board of Trustees in 2003. He is a member of iNEER, ASME (American Society of Mechanical Engineers), AAUP (American Association of University Professors), NAIT (National Association of Industrial Technology), and CADA (Council of Academic Division Administrators) in Massachusetts.

Mauricio Duque received his B.A. degree in Electrical Engineering from Universidad de los Andes, Colombia in 1981. He received his M.S. degree in electrical engineering from Universidad

de los Andes, Colombia in 1984, the DEA in control and signal treatment from INRP, France in 1985 and a Ph.D. degree in engineering from INRP-LAG in 1989. Currently, he works as Associate Professor at Universidad de los Andes and national coordinator of the *Pequeños Científicos* program. His research interests include engineering education, science didactics, educational evaluation and continuous control system strategies applied to industrial environments.

Saul K. Fenster has served as President of New Jersey Institute of Technology since 1978. Dr. Fenster has authored or co-authored textbooks and numerous research papers and technical articles. He currently serves on the board of directors of IDT Corporation and several mutual funds of Prudential Insurance Company. His past assignments include the Governor's Citizens Task Force on Water Management Emergency which he chaired; the Governor's Commission on Science and Technology; the New Jersey Water Supply Commission of which he was Vice Chair; the Board of Trustees of the Fund for Educational Advancement, the Newark Academy; the Board of Visitors of the United States Air University; the Board of Directors of the Regional Plan Association, the Technology Council of New Jersey; the Regional Business Partnership, the National Action Council for Minorities in Engineering, and the New Jersey State Chamber of Commerce. He is currently a board member of Prosperity New Jersey, the New Jersey Commission on Science and Technology, the New Jersey Alliance for Action of which he is Vice Chair, the New Jersey Association of Colleges and Universities and the New Jersey Inventors Hall of Fame. He serves on the Commission on Higher Education of the Middle States Association and the Board of the Society of Manufacturing Engineers Education Foundation of which he is Vice Chair. Dr. Fenster serves as a member of the International Advisory Board of the International Network for Engineering Education and Research (iNEER). He serves as Vice Chair of the New Jersey Presidents' Council. In 2001, Acting Governor DiFrancesco appointed Dr. Fenster Co-Chair of the Task Force on Building a World-Class Economy. He is a Fellow of the American Society of Mechanical Engineers and a Fellow of the American Society for Engineering Education, and a member of the American Association for the Advancement of Science, the Society of Manufacturing Engineers, and the Council on Competitiveness.

George Gibbon obtained a National Diploma in 1973 and was awarded an MSc (Eng) in 1990 and a Ph.D. in 1995 by the University of the Witwatersrand. Before joining Wits in 1986 he worked at S. A. Philips (1971-1974) and the Chamber of Mines Research Laboratories (1974-1986) where he was responsible for the design and development of instrumentation for seismic, rock mechanic and sequential blasting research. George was appointed as a Senior Lecturer in 1997 and Associate Professor in 2001, is a registered professional engineer and a Fellow of the South African Institute of Electrical Engineers. His research interests include measurement systems, marine electromagnetic radiation and its influence on sharks, and engineering education.

Alberto Giecco, General Manager, TULSA Oilfield Equipment S.R.L., Buenos Aires, Argentina.

Denis Gillet is MER (Associate Professor) at the Swiss Federal Institute of Technology in Lausanne (EPFL). He received his Ph.D. degree in Control Systems in 1995 from the EPFL. His research interests include optimization of dynamic systems, new learning technologies, augmented reality for sustainable interaction, and real-time Internet services. Dr. Gillet received the 2001 iNEER (International Network for Engineering Education and Research) Recognition Award for Innovations and Accomplishments in Distance and Flexible Learning Methodologies for Engineering Education.

Emmanuel Glenck was born on July 28, 1964 in La Chaux-de-Fonds (Switzerland), and holds Swiss and French citizenships. Since 2003 he has managed the new national RTD programme on nanotechnology at the Austrian Space Agency in Austria. He is also national delegate to the European Research Fund for Coal and Steel and national expert delegate to the 6th European Framework Programme for Research and Technology Development. Between 2000 and 2002, he was executive manager at the BIT - Bureau for International Research and Technology Cooperation in Vienna. He ran the consultancy Data Organisation & Consulting between 1997 and

2000 and was fellow researcher for regional resource management between 1994 and 1997 at the University of Technology. In 1994 he graduated in environmental sciences from the Federal Institute of Technology in Zurich (Switzerland) and has worked in different fields (atmospheric depositions in agricultural and forest ecosystems). In 1987 he completed post-graduate studies in chemical engineering from the Federal Institute of Technology in Lausanne (Switzerland). Contact: ASA - Austrian Space Agency, Nanotechnology Unit, Canovagasse 7, A-1010 Vienna, Austria, Tel. +43 (0) 1 403 81 77-27, Fax +43 (0) 1 405 82 28, <http://www.asaspace.at>

Randy Hinrichs is a graduate of the University of California at Los Angeles, and runs the Learning Science and Technology research group in Microsoft Research. He is responsible for researching next generation learning environments, extending learning from K-12 through universities and into workforce lifelong learning. An author of numerous articles on intranet strategies, he is a member on the Accreditation Board for Engineering and Technology, IEEE Learning Task Force, and the iNEER Board.

Michael H.W. Hoffmann obtained the Diplom-degree (comparable to an M.Sc. degree) in physics in 1975 and his Ph.D. in RF & Microwave Engineering in 1980, both at Saarland University, Germany, where he worked as a research assistant until 1983. He joined ANT Nachrichtentechnik GmbH (today Marconi Communications GmbH) as a systems engineer and researcher from 1983 until 1988. From 1989 until 1991 he was a professor at the University of Applied Sciences of the German Telecom in Berlin. Since 1991 he has been professor and vice-head in the Department of Microwave Techniques at the University of Ulm, Germany. He was awarded the Prize of the State of Baden-Württemberg for excellence in higher education in 2000. He was a STINT Visiting Professor and researcher at the Ångström Institute of the University of Uppsala, Sweden in 2001. His current research interests include electronic noise and RF&Microwave Communication Systems. As a council member of the European Association for Education in Electrical and Information Engineering (EAEEIE), he is active at the international and national levels in modern higher engineering education. He is a member of the IEEE, ITG, and VDE. Currently, he is serving as a member of the International Steering Committee of the International Conference on Engineering Education (ICEE).

Vojislav Ilic completed his tertiary studies part-time culminating in a PhD from the University of Sydney in Rheology of Suspensions in 1994. He has had extensive industrial experience as a Research Engineer in multiphase thermofluid problems associated with nuclear, petroleum and solar engineering while with the Australian Atomic Energy Commission, Commonwealth Scientific and Industrial Organisation, Dartmouth College and The University of California, Santa Barbara. He is now a Senior Lecturer in Mechatronic Engineering. His current research interests include engineering education, biomedical engineering, polymer processing and cooling of packaged systems.

Clément Imbert received his B.Sc. in Mechanical Engineering from The University of the West Indies (UWI), his M.Sc. from Brunel University of West London and his Ph.D. from UWI. He is a Senior Lecturer in Materials and Manufacturing at UWI where he has served as Deputy Dean of the Faculty of Engineering and founding Chairman of the Continuing Engineering Education Centre. He is a past President of the Association of Professional Engineers of Trinidad and Tobago and is Secretary-General of the Council of Caribbean Engineering Organizations and a member of the Council of the International Association for Continuing Engineering Education.

Yury Izhvanov is First Deputy Director of State Institute of Information Technologies and Telecommunications (Moscow, Russia). He received his Ph.D. degree in Cybernetics in 1977. He is a member of International Association of C/C++ Users (ACCU), member of Russian Academy of Information. His research interests include telecommunication technologies and their implementation in education. He received the 1999 State Prize for the development of Russian University Network (RUNnet).

Ng Wun Jern became Dean, Faculty of Engineering at The National University of Singapore in 2000. He received the Ph.D. and M.Sc. degrees from the University of Birmingham and the B.Sc. in Civil Engineering from the University of London, Queen Mary College. His research interests are in biotreatment of water and wastewater, water reclamation, and cyclic processes. He teaches courses in environmental engineering, environmental chemistry, and environmental engineering design. He has more than 300 publications and patents, and his papers have appeared in journals such as Water Research, Journal of Environmental Engineering of ASCE, and Applied Microbiology and Biotechnology. He received the ASEAN Engineering Merit Award in 1997, the Outstanding University Researcher Award in 1999, and the Chevalier dans l'Ordre des Palmes Academiques Award in 2002. He serves on the boards of directors of institutes and bodies of advanced learning and is similarly active in the industry where he serves as an advisor or on the boards of directors of environmental engineering companies. Through his work with the Institution of Engineers, Singapore, he is involved with accreditation of Singaporean engineering degrees.

Wayne C. Johnson is the Executive Director for Hewlett-Packard Company's Worldwide University Relations. He manages an organization of program and administrative staff working across 75 universities, and is currently developing a strategic program to revitalize and expand HP's relationships with higher education institutions worldwide. Prior to joining HP in 2001, he was affiliated with Microsoft's University Relations department. From 1967 to 2000, he held a variety of managerial positions at the Raytheon Company. Johnson received a B.A. from Colgate University and an M.B.A. from Boston College's Carroll School. He was an Adjunct Professor of Management at Boston University from 1977 to 1999. He is a member of the iNEER Board.

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Marios Kassinopoulos is an Electrical Engineer and he is a Senior Lecturer in the Electrical Engineering and Information Technology Department at Cyprus University of Technology. He first graduated from the University of Grenoble in France where he obtained the degree Maitrise in "Electrical Engineering". Then he continued his studies at the University Paul Sabatier in Toulouse (France) where he got his Ph.D. in "Automatique". He also has studied Economics and is the holder of the degrees Licence "Science Economiques" and Maitrise "Economie d'Entreprise". He worked for four years at the CNRS in France and then at the Higher Technical Institute in Nicosia Cyprus. Now, he is a member of the academic staff of the Cyprus University of Technology. He is involved in various research projects in the fields of Control System, Telemedicine and Engineering Education. He has a long experience in the Bologna Process and is a member of the Cyprus team of Bologna Experts.

Vladimir Kebo is Vice Rector for Research, Development & Foreign Affairs, VSB - Technical University of Ostrava, in Ostrava (VSB-TUO), Czech Republic. He is a specialist for automation and control systems in mining. Previously, he was Head of the Institute of Economics and Control Systems at VSB-TUO. He has been actively involved in ICEE programs since 1996. Since 1999 he has been a member of the Presidium of Czech Universities Council. Since 2003 he has been Vice President of the Commission for Research and Development, and a member of the Working Group for Finance of the National Research Policy of the Government of Czech Republic.

Kwang Sun Kim received his Master and Ph.D. degrees from University of Kansas, USA, in Mechanical Engineering. After he graduated from KU, he was a research associate at Yale University, and worked for the Raytheon Incorporated as an engineer. He is presently the Honorary Chairman of Korea Society for Semiconductor/Display Equipment Technology and the Professor of School of Mechatronics Engineering, Korea University of Technology and Education (KUT). He initiated the founding of the Korea Society for Semiconductor Equipment Society and served as Chairman during 2003- 2007. He is also the General Co-Chair of ICEE/ICEER2009, Seoul,

Korea. He also served as a dean of planning affairs of KUT from 1996 to 2000, and as a dean of graduate school of KUT during 2000-2002 and 2004-2006. He served in the Ministry of Defense of Korea during 1978-1984 as a deputy section chief. He was awarded the National Medal by the President of Korea in 2006 for his contributions to scientific and technological fields. The University of Kansas has awarded him the Distinguished Engineering Service Award (DESA) in May, 2009.

Robin King is Pro Vice Chancellor, Division of Information Technology, Engineering & the Environment at the University of South Australia, Mawson Lakes, Australia. He received his Ph.D. in Electronic Engineering from Imperial College, University of London in 1972. He was a research engineer with the British Broadcasting Corporation from 1971 – 1974, and has held several academic positions in Papua New Guinea, UK and Australia. As an Associate Professor at the University of Sydney from 1989 – 1996 he led the speech technology research group, and was Associate Dean (undergraduate). He has more than 80 publications, and has been involved with a number of progressive engineering education initiatives, and with the Australasian Association for Engineering Education. In his current position he is responsible for the management and strategic development of a wide range of academic and research programs that span information technology and engineering, the built and natural environment and mathematics. He is a member of the Australian Council of Engineering Deans, and continues to be involved with accreditation of Australian engineering degrees through his work with the Institution of Engineers, Australia.

Josef Mecsi received his BSc-MSc in Civil Engineering from the Technical University of Budapest in 1969, his CSc from the Hungarian Academy of Sciences in 1994, his PhD and Dr. habil. from the University of Miskolc, the former in 1996 and the latter in 1998. Professor Mecsi worked as a fellow researcher at the Technical University of Budapest from 1970 to 1985, a technical advisor at Vízügyi Építő Vállalat from 1985 to 1992, a private professor at the University of Miskolc from 1991 to 2005 and has served as a full professor and Dean of the University of Pécs, Pollack Mihály Faculty of Engineering since 2005. He has been a member of the Hungarian Accreditation Committee (MAB) Board since 2000, a core member of the committees ISSMGE-TC-28 and TC-40 since 2002, a representative of Hungary at the European Committee of Civil Engineering (ECCE) since 2002 and president of the Section of Geotechnics of the Hungarian Chamber of Engineers since 1996. He has authored more than 125 scientific publications and made more than 600 geotechnical reports.

Olli Mertanen is Vice President, Turku University of Applied Sciences. He has long background as well in industry in the field of communications technology as in engineering education in the field of information technology. He received the B.Eng degree in automation technology (1976) from Kotka Institute of Technology. He continued his studies at Tampere University of Technology where he received the M.Sc. in digital and computer technology (1979), the Lic.Sc. in computer science and telecommunications (1985) and the D.Sc. in computer communication (1992). His industrial background includes positions in Philips Data Systems and Ericksson telecommunications. During his university career he was mentioned among 100 Finnish avantgardists in the field of industry and business and was awarded the recognition of EIS / excellent educator in electronics. At the moment he is active in the field of enhancing creation of innovations as a result of co-operation between industry and university and furthermore leading to entrepreneurship.

Eduardo Montero received his BSc in Industrial Engineering, specialising in Energy Engineering, from the Polytechnic University of Madrid (Spain) in 1984, and his PhD from the University of Valladolid (Spain) in 1996. He worked at the Polytechnic University of Madrid and since 1987 he has been a professor in the Department of Electromechanical Engineering at the University of Burgos, Spain. He is the leader of the Innovation Teaching Group of Engineering Thermodynamics. His main research interests concern engineering education, energy engineering and experimental determination of thermodynamic properties of fluids.

Lueny Morell, M.S., P.E., is Director of University Relations for Hewlett-Packard. She is responsible for relations with universities throughout Latin America and the Caribbean. Before joining HP, Lueny was a full professor of Chemical Engineering at the University of Puerto Rico –

Mayagüez (UPRM) where she held positions at the Campus and UPR system level, including that of director of the UPRM R&D Center. She is a recipient of the 2006 U.S. National Academy of Engineering Bernard M. Gordon award, a member of the Pan American Academy of Engineering and various national and international Advisory Boards including the U.S. Foundation International Advisory Board for Science and Technology, the International Federation of Engineering Education Societies and the International Taskforce on Women and ICT. Her work in curriculum reform, research, accreditation and economic development activities has been published in more than 45 papers, book chapters and journals.

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.

Justo Nieto received the Ph.D. from Polytechnic University of Catalonia. He was elected Head of the School of Industrial Engineering of Polytechnic University of Valencia (UPV) in 1979. In 1986, he was elected Rector, and holds that position today, following several re-elections. The founder and President of the Biomechanics Institute of UPV and a former President of the Iberian Society of Biomechanics, Nieto has published over 200 research articles in specialised scientific journals. The recipient of numerous awards, scholarships, cultural and scientific honours, he has been granted the degree of *Doctorem Honoris Causa* by 3 universities in Peru and one in Cuba.

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