

EIT Pty Ltd

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Mr V.Vijayaraghavan

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Chairman	Mr. S. Shastri
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Teaching Representatives:	Mr. T Cousins
Invited Members	Prof. A Kalam
	Prof. P. Bahri
	Dr L. Bower
	Mr R.E. Morley
	Mr J. Russell
	Dr. M. Hauff
	Mr. E. Albertini



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Mr D. Reynders	Mr J. Westover
Mr N. Nandagopal	Mr. A. Ranjan Nath

Governance Board

Mr Kevin Delbridge

Kevin is a Fellow of the Institute of Chartered Accountants in Australia with more than 35 years work experience in Australia and overseas. Kevin has worked in commerce, government, professional practice, not for profit and education.

Dr Steve Mackay

*PhD (Business and Education), CP Eng, FIE (Aust) BSc(ElecEng), BSc(Hons), MBA, MMR
Technical Director, Engineering Institute of Technology*

Steve has worked in engineering throughout Australia, Europe, Africa and North America for the past 30 years. He has presented numerous industrial automation and industrial data communications courses world-wide to over 18,000 engineers and technicians, and has a particular interest in practical and leading edge aspects of marketing, business and engineering practice.

He is a fellow of Engineers Australia and the technical director and founder of Engineering Institute of Technology and IDC Technologies. IDC is a growing engineering training and publishing firm which has been operating from offices throughout the world since 1992. He has also acted as the author or editor of over 30 engineering textbooks sold throughout the world. He feels that all engineering businesses need to think global and to keep experimenting with new approaches. He is currently leading a team of two design engineers and four programmers in creating a new video conferencing software package with remote labs which he believes will make a marked impact on engineering training.

Prof. Darrell Fisher

Darrell Fisher is a Professor of Science Education in the Science and Mathematics Education Centre at Curtin University, in Perth Western Australia. He also teaches regularly as a visiting professor at the World Maritime University in Sweden in the areas of curriculum development and design, and course and teacher evaluation. He has a PhD from Macquarie University and an extensive publication and presentation record. His research has involved studies of classroom learning environments, including online learning, and their associations with learning outcomes. He has supervised over 90 students to successful completion of their doctoral degrees.

Academic Board

Mr Srinivas Shastri

BE, MS, PhD, MBA

Srinivas is a process engineer with nearly twenty years experience spanning both oil & gas and academia. Srinivas is keen to share his passion for learning.

Dr Steve Mackay (see Governance Board above)

Mr Terry Cousins

BSc (Elec Eng)

Terry completed a BSc (Electrical Engineering) degree in 1977 and since then has also attained a bachelor of commerce and Masters of Business Leadership degrees from the University of South Africa.

Terry's first job was as an engineer-in-training with the electrical systems division of the South African Iron and Steel Corporation (ISCOR). In 1981 he joined the systems engineering branch of the Chamber of Mines Research Organisation. In 1986 he became chief of the engineering systems division and was made acting Manager of the Engineering Branch the following year.

In 1988 Terry co-founded TLC Software with two colleagues. The company's objective was to develop and sell engineering software solutions for the industrial market. Terry is on the South African Bureau of Standards committee for power quality instruments (SABS 1816:2000), which is revising the current South African national power quality standard. As a senior member of the South African Institute of Electrical Engineers, Terry has authored several papers on power distribution and power quality for local and international magazines.

Prof. Akhtar Kalam

BSc, BScEng, MS, PhD

Professor Akhtar Kalam has been at Victoria University of Technology, Melbourne since 1985 and a former Deputy Dean of the Faculty of Health, Engineering and Science for 7 years.

He has wide experience in educational institutions and industry across four continents. He received his B.Sc. and B.Sc. Engineering from Calcutta University and Aligarh Muslim University, India in 1969 and 1973 respectively. He completed his MS and Ph.D. at the University of Oklahoma, USA and the University of Bath, UK in 1975 and 1981 respectively. He has worked with Ingersoll Rand and other electrical manufacturers. He has held teaching appointments at the University of Technology, Baghdad, Iraq and Capricornia Institute of Advanced Education, Rockhampton, Queensland.

He is regularly invited to deliver lectures, work on industrial projects and examine external thesis overseas. His major areas of interests are power system analysis, communication, control, protection and cogeneration systems. He has been actively engaged in the teaching of Energy Systems to undergraduates, postgraduates and providing professional courses to the industry both in Australia and overseas. He regularly offers professional development courses on Power System Protection, Renewable Energy and Cogeneration & Gas Turbine Operation to the Energy Supply Association of Australia (ESAA) and Australian Power Institute (API). He also runs postgraduate distance education programme on Power System Protection for the ESAA. He has conducted research, provided industrial consultancy and published over three hundred and twenty publications on his area of expertise and written over 27 books in the area. Professor Kalam is a Fellow of EA, IET and a member of IEEE.

Prof. Parisa Bahri

BEng, MEng, PhD, FIEAUST.

Dean School of Engineering and Energy, Murdoch University, Western Australia

Fellow of Engineers Australia

Parisa graduated with Bachelor and Masters Degree in Chemical Engineering from Amirkabir University (Tehran Polytechnic), Tehran, Iran. Moving to Australia in 1992 to continue her studies at the University of Sydney, she completed a PhD on operability analysis for chemical plants in 1995. Parisa then embarked on an academic career – first as Post Doctoral Fellow and then Lecturer in Chemical Engineering at Sydney University. In 1997 she joined Murdoch University where she moved from Lecturer to Professor in less than 10 years.

Parisa has had a busy career in terms of teaching, research and administrative roles. She has been involved in establishing the teaching program in Instrumentation and Control Engineering at Murdoch University, has supervised numerous postgraduate students in the areas of system operation, modelling, control, optimization and management and has attracted and administered numerous research grants.

Her administrative and management roles include Engineering Program Chairship, membership of several key University committees, and the appointment as the Dean of School. Parisa has also been involved with numerous professional committees such as Engineers Australia National Committee on Automation, Control and Instrumentation (NCACI) and Process Control Society.

Mr Richard Morley

Richard E. Morley (Dick) is a member on the Board of Directors of various companies across the United States and has been in high technology since the beginning of solid-state electronics. Mr. Morley is currently Chairman of the Board of NCMS (National Center for Manufacturing Sciences). He has a track record of consistent success in the founding of high-technology companies for which he provides initial product concept and continuing technological presence.

A nationally recognized expert in the field of computer design, artificial intelligence, automation and an authority on the factory of the future, Mr. Morley is an engineer, consultant and inventor; his inventions include the PLC (Programmable Logic Controller), now standing in the Smithsonian Institute. He holds more than twenty United States and foreign patents.

Mr. Morley is well known as a lecturer, has written extensively for such publications as Manufacturing Systems magazine and has published many works of his own. To date, his feature articles appear in Manufacturing Automation magazine. His latest book, *Out of the Barn*, was published in October 2002 and another book, *The Technology Machine*, was published in September 1999.

As founder of the angel investment group the Breakfast Club, Mr. Morley is currently an active member with this group of investors, having participated in more than 100 startup companies in the New Hampshire area.

He was former Director of Advanced Technologies for Gould, Inc., is a Gould Fellow of Science and Engineering, a Fellow of SME, Bios LP and ICS. In addition, he was awarded the 1990 Entrepreneur of the Year by Inc. magazine, Merrill Lynch and Ernst & Young. He is a 1991 recipient of The Franklin Institute's Howard N. Potts Medal, and holds the Prometheus Medal placing him into the Automation Hall of Fame. His work with the PLC ranked him third by the International IEN as the "Top 100 Most Significant Industrial Products of the 20th Century." In October 1999, ISA (the Instrumentation, Systems and Automation Society) honoured him with the "Life Achievement Award" and Fortune magazine awarded him their "Heroes of Manufacturing Award" in March 2000.

Recognized as one of the giants in the field by the Engineering Society of Detroit, he has extensive experience in high-tech consulting. Mr. Morley is involved in new product development at the highest management levels.

Mr Jim Russell

BSc M IICA

Jim has been working in the Instrument and Control engineering discipline for over 40 years, mainly in the oil and gas industry. After studying in the UK, he started his career as an Instrument Apprentice with Esso Fawley, rapidly followed up as an Instrument Engineer with British Gas, which he regarded as his "real apprenticeship".

On moving to Australia, he then progressed to Instrument Engineer with Worley Engineering on the Woodside Energy North Rankin "A" platform, before becoming the Instrument focal point at WAPET. Following this his role was Lead Control Systems Engineer on the Woodside Energy Goodwyn A platform design with responsibility for the Process Control and Safety Systems, where he pioneered the successful introduction of new technologies such as industrial data communications underpinning the traditional instrumentation and Distributed control Systems. After successful completion of this project Jim joined rapidly growing Australian multinational, Woodside Energy, as Principal Instrument Engineer with responsibilities for standards, technical integrity, new technology and instrument systems.

Jim now consults in a wide range of mainly oil and gas topics. As a public service to engineering professionals, Jim has set up what must surely be one of most comprehensive (free or pro bono) resources on Instrumentation, Control, Fire and Gas and Safety System called iceweb (<http://www.iceweb.com.au>). He has also acted as chair of the Foundation Fieldbus End User Council Australia, one of only five engineers worldwide who are members of the Foundation Fieldbus End User Advisory Council. When not consulting and reading, Jim enjoys time with his family and at his beloved beachside cottage "down south".

Dr Marty Hauff

B.Eng (Computer Systems), PhD

Dr Marty Hauff has worked both as a professional engineer designing embedded systems for the high-volume automotive market as well as lecturing at the post graduate level. More recently he has been engaged in the creation and expansion of Altium's global educational services and is based in Shanghai, China having relocated there from Sydney, Australia in July 2011.

Mr Evangelista Albertini

He is a graduate of the NSW and Central Queensland Universities where he specialised in Engineering Science and Technology and Project Management

He is a part-time lecturer in Economics and Project Management at the University of Tasmania and the General Manager of the business of Generation at Hydro Tasmania – responsible for operations, maintenance and capital enhancement of Tasmania's power generation infrastructure.