

BIOGRAPHY - Marzuki Khalid

Dr. Marzuki Bin Khalid obtained a First Class Diploma in Electrical (Power) Engineering and the Best Student Award from Universiti Teknologi Malaysia in 1980. In 1983 he graduated from University of Southampton, United Kingdom with a Second Class (Honours) Bachelors Degree in Electrical Engineering. In 1986 he graduated with a Masters Degree in Control Systems from Cranfield Institute of Technology, United Kingdom. In 1994 he obtained his Ph.D. in the area of *Neuro-Control* from the University of Tokushima, Japan. He was awarded the "International Exchange Award for Outstanding Research Accomplishment" from the Graduate School of Engineering at the University of Tokushima, Japan. He was also awarded a grant from the C&C Foundation, NEC, Japan in 1992.

Prof. Marzuki was appointed as the Director of the Malaysia-Japan University Center by the Ministry of Higher Education on 15th November 2005. He has been a Professor in Intelligent Control at the Faculty of Electrical Engineering, Universiti Teknologi Malaysia (UTM). He is also the Director for the Centre of Artificial Intelligence and Robotics (CAIRO) in the same Faculty. In 1993 he was awarded the "Excellence Service Award" from his employer. He was also awarded the "Institution of Engineers Malaysia Young Engineer Award for 1994" for outstanding research and consultancy achievements.

He has published over 150 papers in international journals and conferences. He was the General Chairman for the IFAC Symposium on "AI in Real-Time Control" in 1997, the IEEE TENCON 2000 Conference, the IEEE "Ethics Education in Engineering" in 2004 and the "International Conference on Mechatronics" in 2005. He has also been appointed to sit in the Technical Advisory Committees of more than 40 international conferences around the world.

His current research interest is in the field of artificial intelligence, control systems and image processing. He has been appointed as technical consultants for various industries in Malaysia and has been involved in a number of research and developmental work with these companies. Among the industries involved are Tenaga Nasional Berhad Research, Texas Instruments (M) Sdn. Bhd., Bridgestone-Armstrong (M) Sdn. Bhd., Telekom Malaysia R&D, ELID MSC Sdn. Bhd., etc. He is currently trying to introduce new automation techniques in several Malaysian industries which include the application of artificial intelligent methods such as fuzzy logic, neural networks and genetic algorithms through a spin-off company he jointly set up with his UTM. His company is also involved the design of computer-based laboratory products already sold in many countries.

He is also the co-author of the book entitled *Neuro-Control and its Applications* published by Springer-Verlag, United Kingdom. He was the Chairman of the IEEE Malaysia Section. He was the first President of the Instrumentation & Control Society of Malaysia and the Vice-President and Fellow of the Artificial Intelligence Society of Malaysia. He is a Founding Member of the Asian Control Professors Association. He has been appointed to the Editorial Advisory Board of the *International Journal of Engineering Applications of Artificial Intelligence* published by Elsevier Science, United Kingdom. He was also an Associate Editor of the *Journal of Real-Time Systems* published by Kluwer Academics and the Associate Editor of the Journal of Systems and Control from the Institution of Mechanical Engineers, UK. He is currently an Executive Committee member of the IEEE Region 10 (Asia-Pacific) and an executive member of the IEEE Membership Development Committee.

In September 1996, he was awarded the prestigious National Young Scientist Award from the Malaysian Ministry of Science, Technology and Environment. He was also the recipient of the Best Paper Prize by the Institution of Engineers Malaysia in 1997.