

BIOGRAPHY



Ibrahim A. Metwally (IEEE M'93–SM'04) was born in 1963. He received the B.Eng. degree in electrical engineering (Hons.), the M.Eng. degree in high-voltage engineering, and the Ph.D. degree in high-voltage engineering from Mansoura University, Mansoura, Egypt, in 1986, 1990, and 1994, respectively. The Ph.D. degree was received in collaboration with Cardiff University, Cardiff, U.K.

Currently, he is a Professor with the Department of Electrical Engineering, Mansoura University, Mansoura, Egypt. He worked as a Visiting Professor with the University of the Federal Armed Forces, Munich, and Darmstadt University of Technology, Germany from 2000 to 2002 and in the summers of 2003-2007, and in summer 2009, respectively. He has also been on leave as a Professor with the Department of Electrical and Computer Engineering, College of Engineering, Sultan Qaboos University, Muscat, Oman since August 2002. His areas of research include oil and gas-flow electrification in both electric power apparatus and pipelines, measurements of fast impulse voltages and currents, line insulators and zinc-oxide surge arresters, coronas on overhead transmission lines, impulse voltage characterization and modeling of electrical machines, particle-initiated breakdown in gas-insulated switchgear (GIS) and gas-insulated transmission lines (GITL), power quality, stray-current corrosion in the oil industry, and hazards of lightning strikes to buildings, overhead power lines and aircrafts.

Prof. Metwally is a Fellow of the Alexander von Humboldt (AvH) Foundation, Bonn, Germany, a Senior Member in the Institute of Electrical and Electronics Engineers (IEEE) and a Member of the International Electrotechnical Commission (IEC). He has published 116 papers, of which about half have appeared in highly reputed international journals. He has completed 14 industrial projects in UK, Egypt, Germany and Oman, and 11 support services (consultancies) in Oman. He was awarded both the First Rank of the National Prize in Engineering Sciences in 1998 and 2004, and the Late Prof. Dr.-Ing. M. Khalifa's Prize in Electrical Engineering in 1999 and 2005 from the Egyptian Academy of Scientific Research and Technology. He has been a regular peer reviewer for IEEE Transactions on Dielectrics and Electrical Insulation, Power Delivery and Electromagnetic Compatibility, IET Generation, Transmission & Distribution, Journal of Electric Power Systems Research, European Transactions on Electrical Power, the International Journal of Emerging Electric Power Systems and Journal of Electrostatics. His biographical profile was published in Who's Who in Science and Engineering in 2001. (Mansoura University, P.O. Box 17, Mansoura 35516/Egypt, Phone: +4989-60043940 or +2050-2244105 Ext. 1259/1411, Fax: +2050-2244690, E-mail Addresses: metwally@mans.edu.eg or metwally@squ.edu.om or Ibrahim.Metwally@unibw.de or metwally@hst.tu-darmstadt.de). **Web Addresses:**

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