



Tomy Sebastian (S'80–M'84–SM'94–F'03) received the B.Sc. (Eng.) degree from Regional Engineering College Calicut, Kozhikode, India, in 1979, the M.S. degree from the Indian Institute of Technology Madras, Chennai, Tamilnadu, in 1982, and the MA.Sc. and Ph.D. degrees from the University of Toronto, Toronto, ON, Canada, in 1984 and 1986, respectively. From 1979 to 1980, he was with the Research & Development Center of KELTRON, Trivandrum, India. From 1987 to 1992, he was with the Research and Applied Technology Division of Black and Decker Corporation, Towson, MD, USA. From 1992 to 2013, he was with Delphi Saginaw Steering Systems and Nexteer Automotive, Saginaw, MI, USA, where he was the Chief Scientist at the Innovation Center. He is currently the Director of motor drive systems at Halla Mechatronics, Bay City, MI, USA. He has authored over 50 technical publications and holds 31 U.S. patents. His current research interests include electrical machines and variable speed drives. Dr. Sebastian was a co-recipient of an IEEE Industry Application Society Transactions first-prize paper award. He was the recipient of the 2010 IEEE Industry Applications Society Outstanding Achievement award. He has held several positions, in the Industrial Drives Committee and in the Industrial Power Conversion Systems Department and currently the President of the IEEE Industry Application Society. He was the General Chair for the first IEEE Energy Conversion Congress and exposition held in San Jose, CA, USA, in 2009 and the Co-General Chair of the IEEE Power Electronics, Drives and Energy Systems (PEDES 2012) in Bengaluru, India