

MMS2020 - Delegate Member Biography Form

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Biography	Photo
<p>Mourad El-Gamal received the B.Sc. degree (Hons.) in electrical engineering from Ain-Shams University, Cairo, Egypt, in 1987, the M.Sc. degree in electrical engineering (minor in computer science) from Vanderbilt University, Nashville, TN, USA, in 1993, and the Ph.D. degree in electrical engineering from McGill University, Montréal, QC, Canada, in 1998.</p> <p>He was the William Dawson Scholar Chair with the Department of Electrical and Computer Engineering, McGill University, from 2004 to 2014. He served as a Steering Committee Member for the Nanofabrication Facility, Institute for Advanced Materials.</p> <p>He was an Associate Vice Principal—Research and International Relations (VP-RIR) with McGill University, from 2007 to 2008. The office of the VP-RIR oversees all aspects of research activities at McGill University, from science and engineering to biomedical and drug development. Among the main initiatives that he spearheaded was the development of a comprehensive university–industry partnership strategic plan, including all aspects of technology transfer and commercialization.</p> <p>In 2002, while on leave from McGill University, he was the Director of Engineering and then the Vice President and the General Manager of the Wireless Business Unit of MEMSCAP headquartered in France—a 165 employee, publicly trading company specializing in MEMS. He was with IBM Research and also with the French Telecommunications company ALCATEL. He consults for companies and the Canadian Government on policies and strategies on regular basis. He is the founder of MEMS-Vision International Inc., Montreal, Canada.</p> <p>He has authored over 140 technical articles and five book chapters. He holds twelve (12) patents on novel micro-/nano-processes and devices. His research focuses on the combination of these technologies to produce new knowledge and innovative solutions for a wide range of applications. His research interests are in micro- and nano-scale integrated electronics and mechanical systems, with a special interest in advanced materials.</p> <p>Dr. El-Gamal served as Associate Editor of the IEEE Transactions on Circuits and Systems. He also served many years as the Chair for the Biomedical, Sensors, Displays, and MEMS Subcommittee of the IEEE Custom Integrated Circuits Conference, formerly the Emerging Technologies Subcommittee.</p>	<div data-bbox="1062 743 1485 1352" data-label="Image"> </div> <div data-bbox="1128 1390 1424 1425" data-label="Caption"> <p>Logo of the Institution</p> </div> <div data-bbox="1107 1497 1432 1898" data-label="Image"> </div>