Raafat Mansour - *nominated by IEEE Canada*

Raafat Mansour is a Professor of Electrical & Computer Engineering at the University of Waterloo. He holds an NSERC Industrial Research Chair on Radio Frequencies Engineering and is founding Director of the Centre for Integrated RF Engineering.   Prior to joining the University of Waterloo, Raafat was with COM DEV in Cambridge, Ontario where he progressed through various technical and management positions in their corporate R&D Department.

Throughout his industrial and academic career, Raafat Mansour has been able to successfully apply theoretical solutions to practical problems to address issues of key interest to the RF and microwave engineering communities. He holds 27 US and Canadian patents and has been a pioneer in employing emerging materials and technologies such as high temperature superconductor and micro-electro-mechanical systems to build novel radio frequency devices with unprecedented performance. He has more than 200 publications, and has received several best paper awards and outstanding research performance awards from both COM DEV and the University of Waterloo.

Raafat Mansour has been very active within the IEEE. He has served as Chair of the Central Canada Council, Chair of IEEE Kitchener-Waterloo Section and Chair of various Technical Coordination Committees with IEEE-MIT. He is the IEEE Region 7 representative to the IEEE-MIT Society. Raafat has also served on various committees of national and international conferences and programs. His research excellence and contributions to the betterment of the IEEE have been recognized internationally through Fellowship in the IEEE. Tonight, we are pleased to have the opportunity to add EIC Fellowship to those honours.

Ladies & gentlemen and Mr. President, please welcome Raafat Mansour as a Fellow of the Engineering Institute of Canada.