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Dr. Raafat Mansour is a Professor of Electrical and Computer Engineering at the University of Waterloo and holds Tier 1 - Canada Research Chair (CRC) in Micro-Nano Integrated RF Systems since 2010. He also held an NSERC Industrial Research Chair (IRC) for two terms (2001-2005 and 2006-2010). Prior to joining the University of Waterloo in January 2000, Dr. Mansour was with COM DEV Cambridge, Ontario, from 1986-1999, a major manufacturer for satellite subsystems, where he held various technical and management positions in the Corporate R&D Department.

Professor Mansour holds 39 US and Canadian patents and more than 380 refereed publications to his credit. He is a co-author of a 23-chapter Book published by Wiley and has contributed 6 chapters to four other books. Since joining the University of Waterloo in 2000, Professor Mansour has graduated 39 Ph.D, 33 M.Sc students and trained 16 Postdoctoral Fellows. His students hold key positions in academia and industry, including 5 holding faculty positions. Professor Mansour is the Founding Director of the Centre for Integrated RF Engineering (CIRFE) at the University of Waterloo. Over the past 35 years, Professor Mansour has been developing advanced RF devices for satellite and wireless communication systems including RF devices for 3G, 4G and more recently for 5G applications.

Professor Mansour is a Fellow of the IEEE, a Fellow of the Canadian Academy of Engineering (CAE), a Fellow of the Engineering Institute of Canada (EIC). He was the Technical Program Chair of the 2012 IEEE-International Microwave Symposium (IMS), Montreal, Canada. Professor Mansour was the recipient of the 2014 Professional Engineers Ontario (PEO) Engineering Medal for Research and Development and the 2019 IEEE Canada A.G.L. McNaughton Gold Medal Award.