

Dr. Salvatore D. Morgera is a Professor of Electrical Engineering at the University of South Florida and Emeritus Professor at Florida Atlantic University. Prior to this, he was Professor and Chair of Electrical Engineering at Florida Atlantic University and Director of the Bioengineering Program. He has more than 40 years of leadership in industry, government, and academia. Before joining Florida Atlantic University, he was Professor and Director of the Information Networks and Systems Laboratory in the Department of Electrical and Computer Engineering at McGill University, Montreal, Canada; a Major Project Leader in the Canadian Institute for Telecommunications Research, a Government of Canada Network of Centres of Excellence; President of the Quebec Research Council, Le Fonds Nature et Technologies; and Special Assistant to the President, Communications Research Center, Industry Canada, Government of Canada.

Dr. Morgera has led multidisciplinary teams that have developed visions and strategic plans for government laboratory and industrial research and development programs and university academic programs. Before joining McGill University and being appointed to the Government of Canada assignments, he was a Professor at Concordia University, Montreal, Quebec, and Senior Scientist at Raytheon Company, Submarine Signal Division, Portsmouth, RI, USA. Of these early years, he is particularly proud of his accomplishments that led to a patent for a new ocean bottom topography system and the design and deployment of a new acoustic telemetry system reported in Geosphere-The Earth Diary.

Dr. Morgera is a Fellow of the Institute for Electrical and Electronics Engineers (IEEE) for his contributions in Structured Estimation; Fellow of the AAAS for pioneering research in structured estimation theory, adaptive communications, and pattern analysis and for academic program development in undergraduate Engineering Leadership and graduate Bioengineering; IEEE Distinguished Lecturer for the Communications Society; Tau Beta Pi Eminent Engineer; Order of Engineers; Professional Engineer; and Vice Chair of the Florida Engineers in Education, Florida Engineering Society. He has received commendations from both the USA and Canadian Governments for his S&T contributions. He has published ~95 journal papers and ~113 conference papers and a book, Digital Signal Processing – Applications to Communications and Algebraic Coding Theories, Academic Press.

Dr. Morgera has conducted research in various aspects of wireless networks, particularly in the areas of QoS and advanced radio link protocols; biometrics for identity management, and bioengineering. As either a PI or co-PI, he has recently received research support from the State of Florida Board of Education, Center of Excellence in Biomedical and Marine Biotechnology; NSF; NASA; and DOD/DISA for Secure Telecommunications, Biometrics, Network Centric System Architectures, and Space Communications Systems. Through the years, he has supervised the research of significant numbers of masters and doctoral students.

Dr. Morgera received a Sc.B. degree in Physics with Honors, Sc.M. degree in Electrical Engineering, and the Ph.D. degree in Electrical Engineering, all from Brown University, Providence, RI, USA.

