Prof. William Scanlon

Tyndall National Institute, Ireland

Professor William Scanlon received his Ph.D. degree in 1997 and he was appointed as Lecturer at Ulster University (UK) in 1998, Senior Lecturer and Full Professor at Queen's University of Belfast (UK) in 2002 and 2008, respectively. He also held a part-time Chair in Short Range Radio at the University of Twente, The Netherlands from 2009 to 2014. Prior to starting his academic career he had 10 years of industrial experience, having worked as a Senior RF Engineer for Nortel Networks, as a Project Engineer with Siemens and as a Lighting Engineer with GEC-Osram. He was Chair of Wireless Communications at Queen's University Belfast for 10 years and was most recently Head of School of Electronics, Electrical Engineering and Computer Science. In 2018 he was appointed as CEO of Tyndall National Institute (Ireland). Professor Scanlon's research expertise is mainly in antennas and wave propagation with some work in RF and microwave based sensors, wireless devices and systems.

Professor Scanlon is a recognised pioneer in wearable and medical device communications, particularly in relation to implantable solutions, having worked and published in this area for more than 20 years. He has been a keynote speaker for the Intl. Conf. on Bodynets (2018 and 2010), the IEEE Intl. Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (2014), the NATO Military Communications and Information Systems Conf. (2010) and the European Workshop on Conformal Antennas (2007). He has been a Series Editor of the IET Book Series on Telecommunications and Networking, he was an inaugural Associate Editor of the IEEE Journal of Translational Engineering in Health and Medicine and he served as an Associate Editor for IEEE Antennas and Wireless Propagation Letters. Professor Scanlon received a Young Scientist award from URSI in 1999, he was a recipient of the 2010 IEEE H. A. Wheeler Prize Paper Award for IEEE Trans. Antennas and Propagation and he delivered the 2012 NATO International Lecture Series on Next Generation Communications.