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	Author-ID	Publications	Citations	h-index
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Rohde & Schwarz GmbH, Munich, Germany.

Senior Member, IEEE, was born in CA, USA, in 1972. He received the B.S. degree (Hons.) in physics from the University of California at Santa Cruz, in 1994, the M.Phil. degree in electrical and electronic engineering from The Hong Kong University of Science and Technology, in 1996, and the Ph.D. degree in electrical and electronic engineering from The University of Hong Kong, in 2013.

From 1996 to 2005, he worked extensively in the mobile antenna design industry, developing some of the first internal antennas for mobile phones working directly for antenna manufacturers and as the CEO of one of the first internal antenna design companies in Asia. He served as the Research and Development Director of the Hong Kong Applied Science and Technology Research Institute for almost a decade, where he focused on advanced RF systems. In 2013, he joined the China Mobile Research Institute as the Research and Development Director, where he is responsible for the development of massive MIMO base stations for 4.5G and 5G FR1. After China Mobile, he was a Professor of electrical engineering in Kazakhstan and an Adjunct Professor with The Hong Kong University of Science and Technology for two years. Since 2016, he has been a Senior Development Expert in over-the-air (OTA) and antenna measurement solutions with Rohde & Schwarz, Munich, Germany, where he has developed three new CATR systems and a new OTA extreme temperature testing method. He has written over 40 papers and holds almost 100 granted patents worldwide. His research interests include a wide breadth of wireless technologies from massive MIMO, antenna design, phased arrays, CATR-to-cloud RAN, fiber backhaul, and communications systems.

Dr. Rowell was a recipient of the 2018 Fred Ellersick Award for best original paper in the IEEE Communications Society for one of the first papers demonstrating hybrid beamforming in millimeter-wave base stations and the Inventor of the Year at Rohde & Schwarz in 2018. Currently a Full Professor at a new university in Central Asia with the responsibility of building a team of professors/students and top-notch research labs focused on wireless communications, with particular emphasis on 5G/6G, mmWave, M2M, Satellite, and Massive MIMO. Concurrently a Senior Advisor for external companies developing advanced technologies for 5G, LSAS, mmWave, and Massive MIMO applications.