

Professor David Victor Thiel Biography



Professor David Thiel established and is currently the Director of the Centre for Wireless Monitoring and Applications at Griffith University, Australia (2005-present). He graduated from the University of Adelaide in Physics and Applied Mathematics and then completed his Masters and PhD degrees at James Cook University in Townsville, Australia. He is a Fellow of the Institution of Engineers, Australia. He has served more than 10 years as Head of the School of Microelectronic Engineering at Griffith University and was the inaugural Head of the newly formed Griffith School of Engineering in 2006-2007. He was program manager in the Cooperative Research Centre in Microtechnology (2001-2006).

Professor Thiel's research interests include electromagnetic geophysics, sensor development, electronics systems design and manufacture, and antenna development for wireless sensor networks. He co-authored a book on switched parasitic antennas for cellular communications and is interested in mathematical optimisation techniques for antenna design.

Professor Thiel has taught electromagnetics at undergraduate level for the past 30 years. He has graduated many PhD students who now hold major positions in academic and industry world wide.

He has published over 83 journal papers; more than 130 papers presented at international conferences and has co-authored more than 8 patent applications. Recently he was a co-inventor of the new RoHS and WEEE compliant electronics manufacturing technology called "circuits in plastic".

Professor Thiel is a Senior Member of the IEEE (1988-present). He was the inaugural chair of the IEEE Queensland Section (1985). He was a member of APS Ad-Com in 1996-1999. He joined the IEEE Wave Propagation Standards Committee in 1994 and has served as Chair since 2004. He continues to serve on the IEEE Antenna Standards Committee (2004-present). In 2007-2008 he was AP-MTT Chapter Chair of the Queensland Section. In 2009 he accepted an invitation to join the APS Awards Committee. In 2009 he joined the new IEEE Standards Study Group for Climate Change, Greenhouse Gas Management; Nomenclature and Terminology workgroup. He is a columnist for the AP Magazine writing the "Stand on Standards".

He is a regular reviewer for IEEE Transactions on Antennas and Propagation and IEEE Antenna and Wave Propagation Letters.