



Technical Seminar

Organized by

Faculty of Electrical Engineering UTM and IEEE AP/MTT/EMC Malaysia Chapter

You are cordially invited to a seminar on

Planar Antennas and Circuits for UWB Applications

Speaker: Professor Marek E. Bialkowski, The University of Queensland, Australia

Time/Date: 2.30 – 4.30 pm, 19 Jan 2011 (Wednesday)

Venue: P16 – Demo Room 1, Faculty of Electrical Engineering, UTM JB Johor
Malaysia

About the Speaker:



Marek E. Bialkowski (SM IEEE 1988, FIEEE 2003) received the [M.Eng.Sc](#) degree (1974) in applied mathematics and the Ph.D. degree (1979) in electrical engineering both from the Warsaw University of Technology and a higher doctorate (2000) in computer science and electrical engineering from the University of Queensland.

In 1977 he joined the Institute of Radioelectronics, Warsaw University of Technology, and in 1979 became an Assistant Professor there. In 1981, he was awarded a Postdoctoral Research Fellowship by the Irish Department of Education and spent one year at the University College Dublin carrying out research in the area of microwave circuits. In 1982, he won a Postdoctoral Research Fellowship from the University of Queensland, Brisbane, Australia, where he worked on electromagnetic models for waveguide diode mounts. In 1984, he joined the Department of Electrical and Electronic Engineering, James Cook University, Townsville, Australia, as a Lecturer and then Senior Lecturer in the field of communications. In 1988, he was a Visiting Lecturer in the Department of Electronics and Computer Science, University of Southampton, U.K. In 1989, he joined the Department of Computer Science and Electrical Engineering (now School of Information Technology and Electrical Engineering) at the University of Queensland, Brisbane, Australia where he holds an appointment as Chair Professor in the field of Microwaves, Antennas and Wireless Communications.

Prof. Bialkowski's research interests include antennas for mobile cellular and satellite communications, microstrip technologies and signal processing techniques for smart antennas, low profile antennas for reception of satellite broadcast TV programs, near-field/far-field antenna measurements, electromagnetic modelling of waveguide feeds and transitions, conventional and spatial power combining techniques, six-port vector network analysers, and industrial applications of microwaves (including microwave radar). He has published over 550 technical papers (most of them can be accessed from IEEEExplore and Inspec), several book chapters and one book. Also he holds one patent. His most recent papers are accessible from an official University of Queensland website

<http://www.uq.edu.au/uqresearchers/researcher/bialkowskime.html>.

His name appears in a number of international biographical references including Marquis Who's Who in the World (USA), International Biographical Dictionary (UK) and Polonia 2000 (France).

Prof. Bialkowski was a Co-recipient of a 2000 Harold A. Wheeler Applications Prize Honorable Mention for a paper published in the IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION in 1999. In 2002 he was elected an IEEE Fellow with the following citation: for contributions to the modeling, design, and testing of microwave guiding and radiating structures. In 2002-2003 he was the Chair of the joint IEEE MTT/AP Queensland Chapter. He can be reached at <bialkowski@ieee.org>.

As an educator, he provided a successful supervision to 18 PhD students as a Principal Adviser. Also he was a Principal Adviser to several MEng and MPhil students as well as an Associate Adviser to several PhD students. He has been an External Examiner to more than 60 PhD theses from Australia, New Zealand, Singapore, Hong Kong, India, Thailand and Europe.

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