香港城市大學 City University of Hong Kong

Department of Electronic Engineering

毫米波國家重點實驗室 State Key Laboratory of Millimeter Waves

IEEE (HK) Section AP/MTT

Seminar on

Recent Progress in Antennas and Novel Microwave Devices Research at HIT

by

Prof. Wu Qun
Harbin Institute of Technology, Harbin, China

Abstract

In this talk, recent research activities and new concepts in the areas of microwave/millimeter wave devices and antennas at Harbin Institute of Technology (HIT) are introduced. They include miniaturized and multiband FSS design and active controllable omni-direction reconfigurable antenna, metamaterial-based antennas, low loss microwave circuit based on metamaterials, planar reflection antenna and electronic steerable antennas, leaky wave frequency-scanning antennas, conformal antennas, EM cloaking, and RFID tag near-field antennas.

Biography

WU QUN received his B.Sc. in Radio Engineering, M. Eng. In Electromagnetic Fields and Microwave Technology, and Ph.D. in Communication and Information Systems, all at Harbin Institute of Technology (HIT),Harbin, China in 1977,1988,and 1999,respectively. He worked as a Visiting Professor at Seoul National University (SNU), from 1998 to 1999, and Pohang University of Science and Technology （POSTECH） in Korea, from 1999 to 2000, and a two-month short period of visiting professor at National University of Singapore from 2003 to 2010 .Since 1990, he has been with School of Electronics and Information Engineering at HIT, China, where he is currently a Professor and the head of Department of Microwave Engineering. He received two Third-Class Prizes and one Second-Class Prize of Scientific Progress Awards from the Ministry of Aerospace of China in 1989 and 1992, respectively. Professor Wu has published over 100 international and regional refereed journal papers. He is a Member of Microwave Society of the Chinese Institute of Electronics, and senior member of the IEEE. He is a technical reviewer for several international journals. His recent research interests are mainly in electromagnetic compatibility, metamaterals, RF microwave active and passive circuits, and millimeter wave MEMS devices. He published several books like Electromagnetic Compatibility: Principle and Techniques(Harbin Institute of Technology Press,2009),Microwave Engineering and Techniques(Harbin Institute of Technology Press,2005),Simulation and Design for RF & Microwave Circuits by Using Genesys (Harbin Institute of Technology Press,2009),Theory and Applications of Metamaterials (National Defense Industry Press,2010).He is also a vice chair for IEEE Harbin section, and chair of IEEE Harbin AP/MTT /EMC joint society chapter.

Date : 15 Sep., 2012 (Saturday)
Time : 10:30am – 11:30am
Venue : G6302, Academic 1,
City University of Hong Kong

***** ALL ARE WELCOME *****

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