

**Department of Electronic Engineering
&
State Key Laboratory of Millimeter Waves (Hong Kong)
&
IEEE AP/MTT HK Joint Chapter**

Short Course on

“Analysis and Design of Microstrip Patch Antennas”

By

Professor Kai Fong Lee

University of Mississippi

Date : 11 October 2011 (Tuesday)

Time : 10:30 a.m. to 12:20 p.m.

Venue : Room G 4701, 4/F, Green Zone, Academic 1,
City University of Hong Kong, 83 Tat Chee Avenue, Kowloon

Brief Outline:

1. Introduction
2. Analysis and modeling of microstrip patch antennas
3. Basic characteristics
4. Methods for broadbanding, dual and multiple frequency designs, size reduction techniques, and circular polarization
5. Student projects

Reference book: Microstrip patch antennas by Kai Fong Lee and Kwai Man Luk, Imperial College Press, 2010

Duration: 8 weeks (every Tuesday from 11 Oct to 29 Nov 2011)

Week 1: 11 Oct 2011

Week 2: 18 Oct 2011

Week 3: 25 Oct 2011

Week 4: 01 Nov 2011

Week 5: 08 Nov 2011

Week 6: 15 Nov 2011

Week 7: 22 Nov 2011

Week 8. 29 Nov 2011

Course Work and Certification:

Individual project will be assigned.

A certificate from the State Key Laboratory of Millimeter Waves (Hong Kong) will be given to those who can complete the course satisfactorily.

Registration:

The limited seats are served on a first-come, first-served basis, please register by filling the attachment and send back to skl@cityu.edu.hk by 7 Oct 2011 for reservation.

Biography

Kai Fong Lee received his Ph.D. degree in Electrical Engineering from Cornell University. He is Dean Emeritus, School of Engineering and Professor Emeritus, Electrical Engineering at the University of Mississippi. He was the founding head of the Department of Electronic Engineering at City University of Hong Kong. An IEEE Fellow, he was the recipient of the 2009 John Kraus Antenna Award of the IEEE Antennas and Propagation Society for exceptional contributions to the field of antennas. He invented the wideband U-slot patch antenna and expanded the U-slot technique to small size, dual/triple band, and circular polarization applications. His publications include two textbooks, one edited book, 200 journal papers and 159 conference papers.

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

Enquiries: Prof. Kwai Man Luk, Department of Electronic Engineering

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Reservation for the following short course

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Speaker: Professor Kai Fong Lee, University of Mississippi

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Name:	Department/ Program:	Email: