



IEEE

Department of Electronic Engineering and IEEE Photonics Society Hong Kong Chapter
Jointly Present a Seminar on

**Research Activities in EEE UNNC and PhD
Scholarships in UNNC**

by

Dr Yaping Zhang

University of Nottingham

Ningbo, China

This talk is to give a brief introduction to Dr. Yaping Zhang and Dr. David Siu-Yeung Cho's Research areas and research activities, as well as an introduction to the PhD programmes and scholarships in the University of Nottingham Ningbo. The aim of the talk is to seek collaborations with the City University and publicise our PhD scholarships.

Dr. Yaping Zhang has over 25 years academic and industrial experience in the research areas of laser and semiconductor physics, telecommunication, fibre optics, photonics, nanotechnology, electromagnetics and electromagnetic compatibility, and optical biosensing technology.

In the last 10 more years, she subsequently worked for a number of eminent semiconductor component and subsystem companies in the UK, such as Marconi Optical Components, Bookham Technology Plc, Centre for Integrated Photonics (CIP), and ZiNIR. She has a proven track record of making viable technology concepts and system designs into commercial products. She designed many most advanced commercial optoelectronic devices, optical components and photonic integrated subsystems for the above companies, including the currently most advanced widely tunable laser from Bookham Technology Plc. From 2004 to 2007, she worked at the University of Nottingham, UK. Before moving to UK, she was an associate Professor in The Defense Science and Technology Information Centre, and was in charge of providing assessment and analysis on technology development of high power laser technologies, high power microwave technologies and optoelectronics technologies, and accordingly providing technical support for the National 863 High Power Laser and High Power Microwave Programme.

Recently, she became interested in the application of telecom technologies in sensing technologies, and was subsequently awarded a UK Patent for a "Lab-On-Chip" Biosensor, and designed a spaceborne microdisk arrays CO₂ spectrometer chip for a European Space company Astrium via a subcontractor ZiNIR Ltd. Now she is with the University of Nottingham Ningbo, China.

Date : 12 December 2011 (Monday)

Time : 11.00 a.m.. - 12.00 noon

Venue : G6302 (Green Zone)

**** ALL ARE WELCOME ****

For further information please contact Ms jay Au Yeung at 3442-9575