

Seminar On

Be Water My Friend - It may change the future mobile communications
Professor Kin-Fai (Kenneth) Tong
University College London, The United Kingdom

Date : 28 June 2023 (Wednesday)
Time : 11:00 am – 12:00 noon
Venue : Room 15-202, 15/F, State Key Laboratory of Terahertz and Millimeter Waves,
Lau Ming Wai Academic Building, City University of Hong Kong

Abstract

Many people know the famous quote of Bruce Lee: “Empty your mind, be formless, like water”. Such concept has been proven very effective in Martial Art, but can we apply similar concept to our scientific research?

In this talk, we will share our experience with you how fluid antenna may replace its solid counterpart and be used in mobile communications. How fluid’s formless feature can solve the problems in modern wireless communications. Although you may not see any board breaking demonstration, hopefully it could inspire you to some new ground-breaking ideas.

Biography



Prof. Kin-Fai (Kenneth) Tong is a Professor of Antennas and Applied Electromagnetics and member of the Sensors, Systems and Circuits Group at the Department of Electronic and Electrical Engineering (EEE) in UCL. He has a track record in novel antenna design and microwave/millimetre-wave measurement in different applications such as radar, wireless communications, and medical related applications. During his PhD research, he has been credited to be one of the first who introduced the idea of embedding microstrip patch antennas into mobile phone handsets. He was an Expert Researcher in the Photonic and Millimetre-wave Devices Group of the National Institute of Information and Communications Technology, Japan. Prof. Tong is a Fellow of IEEE, Chartered Engineer of UK Engineering Council, Fellow of Electromagnetic Academy USA and Fellow of Higher Education Academy UK.

*** ALL ARE WELCOME ***

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