

國立中山大學無線通訊天線研究中心 演講公告

時間：2010年08月14日(星期六) 10:00 AM
地點：國立中山大學電資大樓F6011
主辦單位：國立中山大學無線通訊天線研究中心
協辦單位：國立中山大學電機工程系
IEEE AP-S Tainan Chapter
臺灣天線工程師學會 (IAET)

報名網址



<http://wca.ee.nsysu.edu.tw>

時間	項目	主持人 / 主講人
09:30 ~ 10:00	準備及就座	
10:00 ~ 11:00	Wearable Antennas for Body-Centric Wireless Communications (暫定)	Prof. Koichi Ito
11:00 ~ 11:30	Q & A	



Prof. Koichi Ito
IEEE Fellow,
Department of Medical System Engineering,
Chiba University, Chiba, Japan

□ Abstract:

In this speech, firstly, electric field distributions around the human body wearing a small top-loaded monopole antenna are numerically calculated and compared in a wide range of HF to UHF bands. Then, received open voltages at receiving antennas which are equipped at several different points on the human body are numerically investigated. The received open voltages are also numerically calculated and compared with several different postures of the human body. Statistic characterization and experimental validation will be necessary in further studies.

