

國立中山大學無線通訊天線研究中心

MIMO Measurement Technique & Wireless OTA Measurement System Workshop

時間：2009年9月30日 9:00 ~ 12:00
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學系
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
08:30 ~ 09:00	Register/Welcome
09:00 ~ 09:30	CTIA OTA Measurement Environment and System
09:30 ~ 11:30	<ul style="list-style-type: none">- MIMO Technology. What is MIMO? MIMO Techniques in Future Systems- The MIMO Analyzer Workshop (1/2) Working Principle Emulation Capabilities Non-physical Parameters Rician and Non-isotropy Physical Parameters- Coffee Break- The MIMO Analyzer Workshop (2/2) Series E100/E200/E300 TRP/TIS Applications Case Studies: Handsets and Netbooks- Conclusions- Future Prospects
11:30 ~ 12:00	MIMO Live Measurement

Speakers:



Dr. David A. Sánchez-Hernández
CEO, EMITE Ing



Richard Liu
General Manager, EMtrek Tech. Corp.

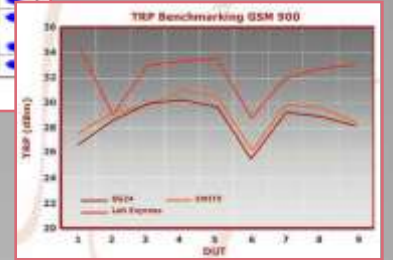
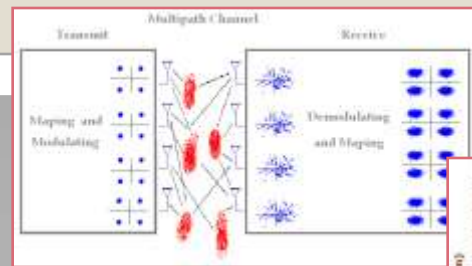


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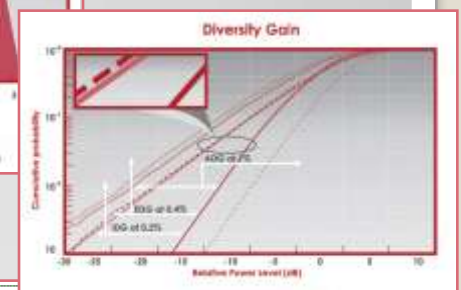
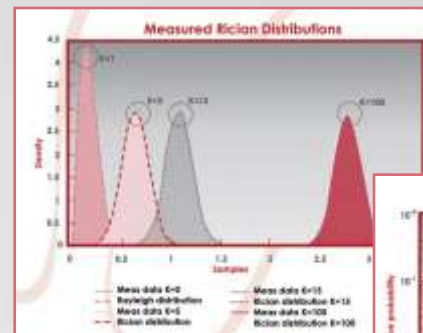
Dr. David A. Sánchez-Hernández
CEO, EMITE Ing



Prof. David A. Sánchez-Hernández obtained his Dipl.-Ing. in Telecommunications Engineering from Universidad Politécnica de Valencia, Spain, in 1992 and his Ph.D from King's College, University of London, in early 1996. From 1992 to 1994 he was employed as a Research Associate for The British Council-CAM at King's College London where he worked on active and dual-band microstrip patch antennas. In 1994 he was appointed EU Research Fellow at King's College London, working on several joint projects at 18, 38 and 60 GHz related to printed and integrated antennas on GaAs, microstrip antenna arrays, sectorization and diversity. In 1997 he returned to Universidad Politécnica de Valencia, Spain, where was co-leader of the Antennas, Microwaves and Radar Research Group and the Microwave Heating Group. In early 1999 he received the Readership from Universidad Politécnica de Cartagena, and was appointed ViceDean of the School for Telecommunications Engineering and leader of the Microwave, Radiocommunications and Electromagnetism Engineering Research Group. In late 1999 he was appointed ViceChancellor for Innovation & Technology Transfer at Universidad Politécnica de Cartagena and member of several Foundations and Societies for promotion of R&D in the Autonomous Region of Murcia, in Spain. In May 2001 Dr. Sánchez-Hernández was appointed official advisor in technology transfer and member of The Industrial Advisory Council of the Autonomous Government of the Region of Murcia, in Spain, and in May 2003 he was appointed Head of Department. He obtained his Chair at the Technical University of Cartagena, Spain, in July 2009. He is also a Chartered Engineer (CEng), IET Fellow, IEEE Senior Member, Ampere Board member, CENELEC TC106X member, and is the recipient of the R&D J. Langham Thompson Premium, awarded by the Institution of Electrical Engineers (now formerly the Institution of Engineering and Technology), as well as other national and international awards. He owns six patents, has published over 45 scientific papers and over 90 conference contributions, and is a reviewer of several international journals and research programs, including the EU R&D Framework. He has recently been appointed as the Spanish representative at CENELEC TC106X committee and CEO of EMITE Ingenieria SLNE. He is also Chairman of Session at the European Microwave Conference (EuMW) and the European Conference on Antennas and Propagation (EuCAP), among others. Dr. Sánchez-Hernández has largely contributed to technology transfer in the Murcia Region, which granted him the 'Isaac Peral y Caballero' accesit award in 2005 and the 'i-patentes' award in 2006 and 2008. He co-founded the spin-off company EMITE Ing, currently supporting it as CEO. His current research interests encompass all aspects of the design and application of printed multi-band antennas for mobile communications, electromagnetic dosimetry issues and MIMO techniques for wireless communications.



Richard Liu
General Manager, EMtrek Tech. Corp.



Richard Liu, 劉榮宗

General Manager, EMtrek Technologies Corp.

1988, Master, EM Group, EE Graduated Institute of National Taiwan University

1988-1993, 5 years Compact Range & RCS Lab. Leader in CSIST

1994-1995, PhD candidate, EM Group, EE Graduated Institute of National Taiwan University

1993-2005, founder, WavePro Inc., an EM company

2006-2008 MBA, Finance, NCTU

2009, Establish EMtrek Tech. Corp.

