Target Audiences:
The intended audiences are those professionals interested in initiating, or enhancing their knowledge, in the need to know, in handling electronic product development involving EMC design, EMC testing, or product feasibility study, etc.

Program Rundown

09:30-11:00 Fundamentals
- Introduction to Electromagnetic Interference, Product slippage
- EMC standards and Regulations
- Generic Standards & Product Standards, FCC & other specifications

11:00-11:15 Break

11:15-12:45 EMC Measurement and test facilities
- Radiated emission test, Radiated immunity test, ESD (Electrostatic Discharge) test

12:45-14:00 Lunch

14:00-15:20 EMC Measurement and test facilities
- conducted emission test, conductive immunity test

Fundamentals in EMC design - I
- EMC design in component levels

15:20-15:50 Break

15:50-17:30 Fundamentals in EMC design - II
- EMC design in circuit board levels
- EMC in Large Systems

Course Fee:
Standard*: HK$ 1,200/person
Special offer*: HK$ 960/person
For IEEE members Or Early Bird (register on/before 17 Feb)
*Including Lunch
Reimbursement for 75% course fees from entitled HKSTP’s funding applicable for HKSTP partner companies

Venue:
Meeting Room 8, 1/F, Enterprise Place
HK Science Park, Shatin

Deadline for registration:
25 Feb 09

This course is co-organized by IEEE EMC Hong Kong Chapter.

Enquiry: 2629 6718
Dr. Peter S W Leung was born in Hong Kong, and completed his first degree at the City University, London in 1976, graduating with first class honours. He then obtained his doctorate degree in 1981 at the same university.

Dr. Leung joined CHAM Ltd., a computer consultancy firm headed by Professor Spalding of Imperial College, University of London, as project Engineer in 1981. He was responsible for the programme development of a general-purpose 3D-field solution computer programme. In 1982, he joined the Engineering Division of ERA Technology Ltd., as Senior Engineer and was responsible for various research projects funded by industry.

He joined The Engineering Science Division of Hirst Research Centre, GEC Research Co. Ltd. as Principal Engineer, in March 1984, and was responsible for leading a project on the development of electromagnetic launchers for armour-piercing applications. In 1985 he joined the Weapon Department of Thorn EMI Electronics Ltd., and was responsible for the development of the Radar tracking of the multi-launch rocker system. In 1988, Dr. Leung moved to the USA joining Martin Marietta Aerospace in Orlando, working on the same system.

In 1988 Dr. Leung joined the City University of Hong Kong as Senior Lecturer, and at present he is an Associate Professor in the Electronic Engineering Department, and team members of the Applied Electromagnetics Laboratory and the Wireless Communication Research Center. His current research interests include Electromagnetic Compatibility (EMC), and signal detection with fuzzy logic.

Dr. Leung is actively involved in numerous consultancy projects assisting industry, in both Hong Kong and overseas, in solving EMC/EMI problems; he is a Director of Electromagnetic Compatibility (EMC) Consulting Group of CityU Professional Services Ltd, City University of Hong Kong.

He is also Assessor of the Hong Kong Laboratory Accreditation Scheme (HoKLAS) on EMC area, and a member of the working party on Electrical and Electronic Products, Accreditation Advisory Board, Innovation and Technology Commission (ITC), Government of Hong Kong SAR. Dr. Leung is also the founding Chairman of EMC Hong Kong Chapter, of IEEE Hong Kong Section.

Medium of Instruction:
Cantonese (supplemented with English Terminology)
YES, I would like to register:

Professional Development Course: EMC 6 March 2009 9:30-17:30

Venue: Meeting Room 8, 1/F, Enterprise Place, HK Science Park, Shatin

Fee*: HK$ 960/person [For IEEE members OR Early Bird (Register on/before 17 Jan, 09)]
HK$ 1,200/person (Standard)

*Including Lunch
Reimbursement for 75% course fees from entitled HKSTP’s funding applicable for HKSTP partner companies.

For registration, please return form with full payment on/before 25 February, 09 to
FAX: 2607 4040 or EMAIL: Tifanni.fong@hkstp.org

Note: Payment receipt will be mailed to below address and contact person.

Company Name: ___________________________ [ ] SP Tenant [ ] Incubatee
Address: ________________________________________________________________
Contact person: ___________________________ Job Title: ______________________
Tel: __________________ Fax: __________________ E-mail: ___________________

Mr./Ms./Dr./ Prof. Full Name in English* Job Title Email Sub-Total

*For issuing the certificate of attainment

Total:

Payment: (Please tick the appropriate)

I shall pay for the Total Amount of HKD _______________ by below marked payment method:

[ ] By Cheque (Please mark your name and your company name at the back of the cheque)
Payable to "Hong Kong Science and Technology Parks Corporation" with copy of this registration form to:
Hong Kong Science and Technology Parks Corporation
Unit 307, 3/F, IC Development Centre, Hong Kong Science Park, Shatin
Attention: Training (EMC)

[ ] By Credit Card [ ] VISA [ ] MasterCard

Card Number: ___________________ - ___________________ - ___________________ - ___________________ Expiry Date (mm/yy): _________ / _________

Name of Cardholder: ____________________________________________________ Signature: ________________________________________________

Remarks: 1. First-come-first-served for registration completed with full payment. Fees paid are not refundable regardless of whether participant has attended classes or not. Substitutions are allowed.
2. Class would be re-scheduled/cancelled (refundable) if registration below expected size.
3. Organizer reserves the right to amend program without prior notice.
4. The organizer will notify participants in email before the course commencement date.
5. Receipt will be sent to participants around 1 ½ months after the course commencement date. If you do not receive the receipt, please check with the organizer.

Enquiry: HKSTP, Tifanni Fong: 2629 6718

This information is brought to you by Industry & University Collaboration, HK Science & Technology Parks Corp ("HKSTP"). HKSTP is a statutory body set up by the Government of the Hong Kong Special Administrative Region with the mission in leading the transformation of Hong Kong into Asia’s hub for technology and innovation in the four focused clusters: Electronics, Biotechnology, Precision Engineering, Information Technology & Telecommunications.

Transportation: http://www.hkstp.org/HKSTPC/en_html/en_corporation1_2.jsp