



SCTE - The Society for Broadband Professionals -

has pleasure in announcing its

AUTUMN LECTURE MEETING & AGM

“I CAN SEE CLEARLY NOW!”

to be held on

WEDNESDAY 10 OCTOBER 2012

at

**The Institution of Engineering and Technology
(Council Chambers)
Savoy Place
LONDON
WC2**

Registration at 10.00 am

“I CAN SEE CLEARLY NOW!”

10.00 am COFFEE AND REGISTRATION

10.40 am *President’s Welcome and Society Update*

10.50 am *Chairman’s Keynote Introduction and Overview*

**10.55 am “*Living with LTE*”
Chris Swires, Managing Director
SWIRES RESEARCH**

LTE is coming and the cable and domestic television industry must learn to handle the interference problems that will certainly arise. In the UK, the presence of relatively high power signals next to the UHF band worried domestic and communal aerial installers. This presentation will present the results of lab and field tests that have been carried out to assess the nature and magnitude of the problems.

**11.45 am “*Automated CPE Testing in Focus*”
Costas Kyriacou, Specialist CPE Hardware Engineer
VIRGIN MEDIA**

This presentation will encompass all aspects of in-home product testing (such as set-top boxes, wireless gateways and cable modems) from a hardware perspective. It will examine testing processes and procedures as well as highlight key challenges like immunity. Examples of real-time laboratory results will also be demonstrated during the presentation.

12.25 pm BREAK FOR LUNCH

**1.30 pm “*Effects of Dispersion on Coherent 100G Systems*”
Martin Warne, Senior Applications Engineer
EXFO**

Previously in these sessions, we have discussed how dispersion in single-mode fibre would be a system limiter as speeds increased above 10Gbits/s. With coherent technology and advanced modulation schemes being implemented for 100G, it would appear on the surface that Chromatic Dispersion and Polarization Mode Dispersion are not an issue for these systems.

In this presentation, we will look at the technologies being used to implement 100G and discuss some of the issues these systems will face from dispersion. Additionally, we will highlight how measuring dispersion and having a low dispersion network will help these systems operate more effectively.

2.20 pm “RFoG as a Long Term Technology: Perspectives for the Future”

Leslie Rysdale, Manager Access & Transport Sales
Engineering, EMEA
ARRIS

RF over Glass enables cable MSOs to deploy an all fibre access infrastructure whilst retaining DOCSIS service delivery. This is commonly seen as a short to medium term solution to address, for example, Greenfield developments.

But can RFoG also be a viable candidate to accompany cable MSOs in their long term evolution? We will re-examine RFoG from this perspective, taking into account evolutions in DOCSIS and the HFC spectrum and show how it could compete with technologies like PON or Ethernet as a long term FTTH solution for Cable MSOs.

3.10 pm BREAK FOR TEA

3.40 pm “Impact of Next Generation Technologies on Capacity Planning”

Michael Gannon, EMEA Home Product Architect
MOTOROLA MOBILITY

In this presentation, we will look at new technologies such as High Efficiency Video Coding and Adaptive Bit Rate delivery and discuss the impact these technologies have on bandwidth requirements for the next generation of service delivery.

4.30 pm Closing Remarks

Dr Roger Blakeway, SCTE President

4.40 pm SCTE 2012 ANNUAL GENERAL MEETING

5.15 pm - SCTE COCKTAIL PARTY

7.00 pm IET – Kelvin Lounge

All attendees are very welcome to come along to the Cocktail Party.

PROGRAMME CORRECT AS AT TIME OF GOING TO PRESS

BOOKING FORM

SCTE Members

As usual, there is no charge for Members to attend the Lecture Meeting - just turn up. There is, however, an optional luncheon (with wine) on this occasion at the IET at the heavily subsidised rate of £15.00 plus VAT per person (ie £18.00). If you wish to reserve your place for lunch, it is essential that this is booked beforehand and so please complete the form below and return it together with your cheque* made payable to the SCTE.

Alternatively, bookings can be made online via the SCTE website:-
http://www.thescte.eu/acatalog/lecture_meetings.html

If you wish to bring any non-Member guest(s), please see the non-Member charges below and return the form to the SCTE office together with a cheque* for the appropriate amount.

Non-SCTE Members

The charge for attendance at the day's Lecture Meeting is **£50.00 plus VAT (ie £60.00)**, plus an optional charge of **£15.00 plus VAT (ie £18.00)** for luncheon at the IET. For those of you who may subsequently wish to join the Society, we are pleased to announce that £20.00 of this fee is redeemable against your first full year's membership subscription provided that you apply by the end of October 2012.

If you wish to reserve places for the Lecture Meeting and/or luncheon, then please complete the booking form below and return it together with your cheque* made payable to the SCTE. Payments can also be made online through the SCTE shop at http://www.thescte.eu/acatalog/lecture_meetings.html

*** Payments may also be made by credit card - please contact the SCTE office.**

Please complete and return to: SCTE
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WATFORD, Hertfordshire, WD18 0PN UK
Tel: +44 (0) 1923 815500 Fax: +44 (0) 1923 8030203
Email: office@theSCTE.eu Website: www.theSCTE.eu

Name

Address

Daytime Tel No Daytime Fax No

Mobile Tel No Email Address

SCTE Member YES*/NO* If NO, please send membership details YES*/NO*

* Please delete as applicable

1 Please reserve place(s) at the Society's Autumn Lecture Meeting on Wednesday 10 October 2012 in the names of the following person(s):
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Note: Non-Member charge for each attendee is **£50.00 plus VAT (ie £60.00)**.

2 Please reserve place(s) for the optional luncheon. Please note there is a charge of **£15.00 plus VAT (ie £18.00)** for each place booked.

I enclose a cheque for £ made payable to SCTE. All bookings will be confirmed.

Signed Date