



The SCTE™ – The Society for Broadband Professionals

has pleasure in announcing
the next in its series of
Lecture Meetings hosted by the SCTE Benelux Group

BENELUX LECTURE MEETING

**“THE IP INVASION –
TAKING OVER OUR
DISTRIBUTION NETWORKS”**

on

Monday 12 September 2016

at

**The International Broadcasting Convention
Forum Lounge
RAI Exhibition & Congress Centre
AMSTERDAM**

Registration at 12.30 pm

SCTE Benelux Secretary:

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"THE IP INVASION – TAKING OVER OUR DISTRIBUTION NETWORKS"

The SCTE™ will host its annual Benelux Lecture Meeting as part of the IBC2016 conference programme on Monday 12 September 2016 in the Forum Lounge. Following a complimentary light lunch buffet for all the Benelux Lecture attendees at 12.30 pm, the lecture presentations will commence. At the conclusion of the afternoon session, there will be a drinks reception at 5.30 pm. You don't have to be an SCTE member to participate in this free "Value Added" session at IBC – simply register with the SCTE Benelux Secretary, Rien Baan – see details below. Presented papers will be available for members to download from the SCTE website after the event. Please join us!

PROGRAMME

Session description: In today's evolving networks, we constantly see the addition of new technologies, such as IP, that bring with them the promise of simplified operations and lower costs. Unfortunately, it is almost impossible to completely phase out the burden of legacy technologies so, at every stage of a new technology's development, we find that we are adding further layers of complications to an already significant mess. In these environments, where owned assets are mixed with shared workloads in public clouds and so on, we need a comprehensive suite of solutions. These must be able to validate new services and connectivity before they are brought into service, and then troubleshoot complex multi-technology domain problems, in areas ranging from basic Ethernet and IP connectivity to Voice, Video and Business Apps performance management.

12.30-13.55 Registration and light buffet lunch for attendees of the session

13.55-14.00 Welcome by the SCTE Benelux Chairman

14.00-14.45 "Managing the never-ending complexity with the right tools and methodologies"

Per Kangru, Technologist in the CTO Office, Viavi Solutions

In this presentation, a few of the most important solutions will be discussed and use cases will be evaluated together with a view on the potential standards and TL9000 metrics that could be needed today, and in the future, from possible service and connectivity patterns.

14.45-15.30 "How to build a next generation telecommunication platform"

Geert Blondeel, Senior Advisor, Globtel Holding d.o.o, GlobTel

An innovative and future-oriented Wireless Broadband Access Network for rural and urban areas, enabling cost-effective ultra broadband and triple play services.

15.30-16.00 Break for Refreshments

16.00-16.45 "The future backbone of the live broadcast industry: Ethernet will always win, but how will it be adopted?"

Peter Schut, CTO, VP of R&D, Axon Digital Design BV

The broadcast industry is experiencing a shift from SDI in favour of IT equipment. This move is led by broadcasters looking for a backbone that is truly agnostic for all current and future formats; one that will deliver greater flexibility (distributed routing or a single network for all data) and drive down the cost of ownership. Ethernet infrastructure could meet all these requirements, providing greater network control and, of course, data management. However, in its basic form, it fails to deliver in a broadcast environment particularly for live production on a number of fronts. It uses a best-effort delivery strategy (the data will arrive but it is unclear when), it is non-deterministic (Ethernet is random), there is no concept of isochronous delivery (there is no sense of time and timing) and it is not content-aware (all data is treated equally). This presentation discusses developments in the evolving Ethernet landscape and, whilst the endgame for video over Ethernet remains to be seen, it presents an objective overview of the path to IP for live production and beyond, giving guidance for those ready to make the move now and those struggling to determine a plan for the future.

16.45-17.30 "New technologies to enable Gbit speeds"

Mircea Damian, Director of DOCSIS Engineering, LGI

The edge capacity trends, as seen from the Liberty Global perspective, applying DOCSIS 3.1.

17.30-18.00 Closing remarks by the SCTE Benelux Chairman and drinks reception for attendees

Booking Details: On this occasion, there will be no charge for SCTE Members and non-Members to attend. However, for catering and registration purposes, please complete the booking form below and return it to the Benelux Secretary by email to rienbaan@zeelandnet.nl or by post or fax with the names of the people attending. Alternatively, please complete the booking form below or just email Rien Baan rienbaan@zeelandnet.nl to advise him of your requirements (details overleaf) or email office@thescte.eu.

Name:

Address:

Tel: Fax:

Email: Mobile:

Please reserve place(s) for the lecture meeting in the names of:

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