



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 SPRING 2018 LECTURE MEETING

“FIBRE – HISTORY, PRESENT, FUTURE”

on

Wednesday 4 April 2018

at

TKF

Spinnerstraat 15
7481 KJ, Haaksbergen
The Netherlands

See: [Location directions in Google Maps](#)

Registration and lunch at 12.30 pm

SCTE Benelux Secretary:

Rien Baan, SCTE Benelux Secretary
Mobile: +31 622 505 106
Email: rien@proditel.nl

"FIBRE – HISTORY, PRESENT, FUTURE"

You don't have to be an SCTE member to participate in this SCTE Benelux Lecture Day – 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.

LECTURE DAY HOSTED BY TKF

Since its founding in 1930, TKF has developed from a cable manufacturer to a technologically leading supplier of connectivity solutions. With a broad portfolio of cables, systems and services, TKF offers customers worldwide solutions for creating safe and reliable connections. Through a focused commitment in the building, industrial and telecom market segments, TKF has specialised knowledge of applications and solutions with a high degree of reliability, quality and service. The engineers and project implementation offer tailor-made solutions with respect for people and the environment. TKF is a division of the technology company TKH Group NV.

PROGRAMME

Session description: In today's evolving network infrastructures, the traffic management of the variety of different content on the network becomes a major challenge. This session covers different aspects, such as content management, the impact on hardware (CMTS's) in the networks and in the home on coax as well as fibre. With this wide range of topics, we will be covering actual and future infrastructure issues.

12.30-13.30 Registration and Lunch

13.30-13.35 Welcome by the SCTE Benelux Chairman

13.35-14.15 "The future of fiber, what's next? "

Mr Onno Bresser, Manager Development Optical Fibre and Cable, TKF

The history of fiber transmission goes back to 1842 when Daniel Colladon demonstrated that light follows a curved water jet, but it was only in 1966 that Charles Kao indicated how you could use fiber optics for telecommunications. It would take until the 1980's for optical fiber to really break through. Today, after first being mainly applied in long-distance connections, from 2003 onwards, FTTx applications are increasingly becoming used to ensure high fiber use. The transmission capacity of current fibers is large, but is inadequate in the foreseeable future. In research, various new fiber types are being developed that offer greater capacity, or lower attenuation or a smaller signal delay. What will be the future?

14.15-14.45 Discussion with audience: The future of fiber is ending!?

14.45-16.00 Coffee Break and Factory Tour

16.00-16.30 "How to get your network ready for next-gen PON"

Mr Benny Polleunis, Managing Director, CNRood

Households are hungry for bandwidth, whether it's for smart TVs, video/OTT streaming, supporting multi-screens or running a business. GPON/EPON technology has been delivering the necessary bandwidth up to now. Are you deploying GPON/EPON today or planning to do so? Are your networks ready for XGS-PON/NG-PON2? We will explain the current PON technologies being deployed as well as upcoming technologies including XG/XGS-PON, 10G-EPON, NG-PON2. We will also present how successfully next-gen customers can be activated first-time-right! Finally, we will get into the impact and challenges of the new technologies on a FTTH network and to ensure the deployment methods and procedures, including testing.

16.30-17.30 SCTE issues and closing remarks, followed by Drinks

Booking Details: On this occasion, there will be no charge for SCTE Members and non-Members to attend, however, for catering and registration purposes, would you please confirm your attendance with the Benelux Secretary (details overleaf) giving the names of any additional people attending. Alternatively, please complete the booking form below.

Name:

Address:

.....

Tel: Fax:

Email: Mobile:

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

.....