

**The Society of Cable
Telecommunication
Engineers**



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Agenda

SCTE Benelux Lecture Day

April 2, 2014

“DOCSIS 3.1 and other New Developments”

Location: Technetix
Kazemat 5
3905 NR, Veenendaal

10.00 _ 10.30 Arrivals / coffee

10.30 _ 10.35 Chairman's welcome

10.35 _ 11.15 Martien Rijsselmus, Director of Research and Technology, Technetix
Titel: “Improving WiFi in-home coverage”.

Synopsis: WiFi is increasingly used by operators but they experience problems, especially when video streaming is used. This presentation presents possible solutions and the theoretical background for these solutions. Also the set-up and results of an experiment to validate the theoretical predictions are presented.

11.15 _ 12.00 Gerrit Boskaljon, Technical Director, CTO Office, Technetix
Titel: “Overlay in existing networks”.

Synopsis: For specific applications in the network a dedicated high speed connection could be preferred. This presentation presents a RF overlay solution that offers a 1Gbps connection to an individual application without affecting the existing network frequencies or performance. The system will be explained and the test results will be presented.

12.00 – 13.00 Lunch break

13.00 _ 14.00 Visit Technetix premises.

14.00 _ 14.45 John Louwerse, Manager HFC Architecture, UPC Nederland B.V.

Titel: “Preparing the HFC Network for a Docsis 3.1 future”.

Synopsis: Review of the steps UPC Nederland/LGI will take, when preparing the HFC network for EuroDocis 3.1 applications

14.45 _ 15.30 Jan de Nijs, TNO Delft

Titel: IEC 60728 – 101, performance requirements for cable networks with a full digital load

Synopsis :*" Last year, CENELEC TC209 WG7 has developed a draft standard for cable networks with a fully digital load, the IEC 60728 part 101. This is in addition and as replacement in future of the present standard, part 1. This presentation gives a review of the new part 101 and indicates some challenges to investigate."*

15.30 SCTE issues and closing remarks

Supporting/interesting websites :

<http://www.thescte.eu/>; www.technetix.com