

## Network Technology Seminar 2012

*The Media & IT Rendezvous*

26-27 June, Geneva

Organized in collaboration with SMPTE

### Day 1: Tuesday, 26 June 2012

08:30-09:00 Registration

#### Introductory Session

09:00-09:30	<b>Welcome; overview of EBU and SMPTE projects</b>	Hans Hoffmann Peter Symes	EBU SMPTE
09.30-10.00	<b>Keynote: UHDTV at the London Olympics</b>	John Zubrzycki	BBC

#### Session 1: Production and Studios

**Moderator: Lars Jonsson, Swedish Radio**

10.00	<b>AES X.192, Multi-channel Audio over IP</b>	Kevin Gross	AVA Networks
10.30	<b>EBU-I3P. Intercom interoperability testing</b>	Mathias Coinchon <i>On behalf of Claire Merienne-Santoni</i>	EBU
10:45	<b>EBU ACIP2 – Audio Contribution over IP</b>	Sonja Langhans	IRT
11.00	<i>Tea, coffee &amp; networking</i>		
11.30	<b>What is ViLoR?</b>	Geoff Woolf	BBC
12.00	<b>Studio complex for SVT with 1080p/3G-SDI infrastructure - Experiences and challenges</b>	Mikael Lindberg	Swedish Television
12.30-14.00	<i>Lunch</i>		

#### Session 2: Contribution and B2B

**Moderator: Sonja Langhans, IRT**

14.00	<b>IP radio contribution, how to cope with QoS</b>	Christian Scholz-Graber	ARD
14.30	<b>SMPTE 2022 High Bit Rate Media Transport update and VSF Hitless Switching update</b>	Michael Bany	VSF
15.00	<b>Radio contribution over satellite. A use case and an operator's perspective.</b>	Henrik Sundell	Swedish Space Corporation
15.30	<b>Next Generation Converged Network</b>	Michel Béland	CBC/Radio-Canada
16.00	<i>Tea, coffee &amp; networking</i>		

#### 16.30-18.00 Tutorials & Discussion

Tutorial 1	<b>Error protection for audio and video over IP</b>	Andy Rayner	Nevion
Tutorial 2	<b>Using Mobile Apps for broadcast applications</b>	Colin Muir	BBC
Tutorial 3	<b>Network/Storage measurements</b>	David Butler	BBC
Open Discussion	<b>How will Media and IT co-exist in broadcast organizations?</b>	Moderator: Hans Hoffmann	EBU

18:00-... **Drinks, snacks and networking**

## Day 2: Wednesday, 27 June 2012

### Session 3: Open Internet and Consumer Devices in Broadcast

**Moderator: Yuan-Xing Zheng, BBC**

09.00	<b>How to use IP to carry audio and video for Broadcasters, an ISP perspective</b>	Brian Slott	GigaContent A/S
09.30	<b>#bbtorchcam - A hybrid mobile broadcast network</b>	Colin Muir	BBC
10.00	<b>AoIP Contribution over LTE</b>	Andreas Burk Christian Scholz-Graber	Vodafone DE ARD
10.30	<i>Tea, coffee and networking</i>		

### Session 4: Media Storage

**Moderator: Chris Chambers, BBC**

11.00	<b>EBU FSS: Future Storage Systems</b>	Chris Chambers	BBC
11.15	<b>Storage structure performance</b>	David Butler	BBC
11.45	<b>A migration case to new infrastructure</b>	Pieter Adams	VRT
12.30-14.00	<i>Lunch</i>		

### Session 5: Security

**Moderator: Peter Symes, SMPTE**

14.00	<b>Broadcasters' Security Issues</b>	Andy Leigh	BBC
14.30	<b>Network Security in Audio over IP Infrastructure</b>	Andreas Metz	IRT
15.00	<i>Tea, coffee and networking</i>		

### Session 6: Emerging and Future Technologies

**Moderator: Markus Berg, IRT**

15.30	<b>Update on SMPTE Time Labelling and Synchronization</b>	John Fletcher	BBC
16.00	<b>Switching SDI in IP</b>	Matthias Laabs	IRT
16.30	<b>Perspectives on Software Defined Networking: Concepts, Architectures, Use Cases</b>	Frank Brockners	Cisco

### Wrap-up

17.00	<b>Wrap-up, conclusions and evaluations</b>		
17.15	<b>End of seminar</b>		

**More information & registration: [tech.ebu.ch/nts2012](http://tech.ebu.ch/nts2012)**