

NETWORK TECHNOLOGY SEMINAR

YOUR MEDIA & IT RENDEZVOUS – 2017

TUESDAY 20 JUNE - MODERATED BY PHIL TUDOR (BBC)

08.30 – 09:00 *Registration, tea, coffee, demos & networking*

KEYNOTE SESSION

09:00 – 09:15	Welcome to NTS 2017	Simon Fell / Hans Hoffmann (EBU T&I)
09:15 – 09:45	What does a broadcaster want?!	Markus Ostertag (SWR)
09:45 – 10:15	Relocation for Maison de Radio-Canada	Felix Poulin (CBC)
10:15 – 10:30	Demo pitches	Willem Vermost (EBU)
10:30 – 11:00	<i>Tea, coffee, demos & networking</i>	

SESSION 1: STANDARDS AND BEYOND

11:00 – 11:30	JT-NM Roadmap & Coordination	Brad Gilmer (AMWA, VSF)
11:30 – 12:00	SMPTE 2110 – Traffic models, non-blocking multi-cast	Chuck Meyer (Grass Valley)
12:00 – 12:30	SMPTE 2110 – Finishing the Job	John Mailhot (Imagine Communications)
12:30 – 13:00	Studio Video over IP - How it All Comes Together	Andreas Hildebrand (ALC NetworX)
13:00 – 14:00	<i>Buffet lunch & demos</i>	

SESSION 2: THE STATE OF LIVE AND IP

14:00 – 14:15	Introduction to the discussions	Mike Ellis (BBC)
14:15 – 14:40	Panel discussion: Control the facility	Peter Schut (Axon), Johannes Kuhfuss (Lawo), Markus Greiter (BFE)
14:40 – 15:05	Panel discussion: Management of Connections & Control of devices	Simon Reed (Evertz), Chuck Meyer (Grass Valley), John Mailhot (Imagine Communications), Ryoichi Sakuragi (Sony), Andy Rayner (Nevion), Lewis Kirkaldie (Cinegy)
15:05 – 15:30	Panel discussion: Design & Management of the Network	Sébastien Keller (Arista), Subha Dhesikan (Cisco), Julian Lucek (Juniper), Richard Hastie (Mellanox)
15:30 – 16:00	<i>Coffee, demos & networking</i>	

SESSION 3: USE CASES

16:00 – 16:30	The Next Generation Tools for audio contribution and Outside Broadcast	Lars Hedh & Hasse Wessman (Swedish Radio)
16:30 – 17:00	RTL City BCE	Costas Columbus (RTL / BCE)
17:00 – 17:30	BBC Wales Cardiff Central Square Project	Mark Patrick (BBC)
17:30 – 18:00	Sky's Master Control Room using IP	Martin Richards (Sky)
18:00 – 18:30	YouTube Spaces	Christopher Lock (Google)
18:30 – 20:00	Beers & Bites – networking	

NETWORK TECHNOLOGY SEMINAR

YOUR MEDIA & IT RENDEZVOUS – 2017

WEDNESDAY 21 JUNE - MODERATED BY MARKUS BERG (IRT)

08.30 – 09:00 *Tea, coffee, demos & networking*

TUTORIALS

09:00 – 09:50	Tutorial A – Room Montreux Basics of all IP production Tutor: Franz Baumann (IRT)	Tutorial B – Room Geneva Sync delivery using PTP (Precision Time Protocol) Tutor: Kamatchi Gopalakrishnan (Juniper)
09:50 – 10:00	Changeover -Tea, coffee, demos & networking	
10:00 – 10:50	Tutorial C – Room Geneva Advanced PTP requirements Tutor: Thomas Kernen (Mellanox), Nikolaus Kerö (Oregano Systems)	Tutorial D – Room Montreux NMOS in depth Tutor: Peter Brightwell (BBC R&D)
10:50 – 11:00	Changeover -Tea, coffee, demos & networking	
11:00 – 11:50	Tutorial E – Room Montreux SMPTE 2110 - It's all about timing Tutor: Andy Rayner (Nevion)	Tutorial F – Room Geneva An Open Source Internet-of-Things Approach to IP Media Workflow Tutor: Richard Cartwright (Streampunk Media)
12:00 – 13:30	<i>Seated Lunch</i>	

SESSION 4: DEMATERIALIZATION

13:30 – 14:00	AMWA Labs	Richard Cartwright (Streampunk Media)
14:00 – 14:30	FIMS in the cloud	Jean-Pierre Evain (EBU), Joost Rovers (Glookast)
14:30 – 15:00	NMOS and IP Studio in the Cloud	Alex Rawcliffe (BBC)

SESSION 5: SECURITY

15:00 – 15:30	Recommendation on cloud security	Andreas Schneider (SRG)
15:30 – 16:00	Panel discussion: What about security, while moving to IP? Moderator: Adi Kouadio (EBU)	Peter Brightwell (BBC R&D), Andreas Schneider (SRG), John Mailhot (Imagine Communications), Lewis Kirkaldie (Cinegy)
16:00 – 16:30	<i>Coffee, demos & networking</i>	

SESSION 6: BROADCAST, FORECAST

16:30 – 17:00	Future of Programmable Networks: A P4 Programmable Forwarding Plane for Professional Network Media	Thomas Edwards (FOX Networks), Prem Jonnalagadda (Barefoot Networks)
17:00 – 17:30	How an SDN approach for media can deliver: QoS/Deterministic, Scalable, Converged and cost-effective networking	Lieven Vermaele (SDNsquare)
17:30 – 17:45	Wrap-up	Hans Hoffmann (EBU)