

NETWORK TECHNOLOGY SEMINAR

AN EBU EVENT

YOUR NETWORKED MEDIA & IT RENDEZ-VOUS

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PROGRAMME

TUESDAY 18 JUNE - MODERATED BY PHIL TUDOR (BBC)

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

KEYNOTE SESSION

09:00 – 09:10	Welcome to NTS 2019	Hans Hoffmann (EBU)
09:10 – 09:20	The IP Production Landscape	Phil Tudor (BBC)
09:20 – 09:50	Business Requirements in these disruptive times	Mathias Coinchon (RTS)
09:50 – 10:20	Building cloud infrastructure	Thierry Carrez (Openstack)
10:20 – 10:30	Demo Pitches	
10:30 – 11:00	<i>Tea, Coffee, Demos & Networking</i>	

SESSION 1: NEW WAYS OF WORKING

11:00 – 11:30	Automating low cost/high quality orchestra production	David Chalmers (BBC)
11:30 – 12:00	Live Radio production in the Cloud	Mikko Nevalainen (YLE)
12:00 – 12:30	IP Based MCR at Kosovo	Genc Mucolli (RTKLive)
12:30 – 13:30	<i>Buffet Lunch, Demos & Networking</i>	

SESSION 2: MEDIA TRANSPORT

13:30 – 14:00	Streaming over WAN - RIST and SRT	Love Thyresson (Netinsight)
14:00 – 14:30	What about SMPTE ST 2110 over WAN?	Andy Rayner (Nevion)
14:30 – 15:00	HYBNET 3 – the new ARD contribution network	Sonja Langhans (IRT)
15:00 – 15:30	<i>Tea, Coffee, Demos & Networking</i>	

SESSION 3: USE CASES

15:30 – 16:00	Completing BBC Cardiff, starting BBC Belfast facilities	Mark Patrick (BBC)
16:00 – 16:30	Visual Radio at RTBF	Hugo Ortiz (RTBF)
16:30 – 17:00	Plazamedia – IP SDN for new broadcast facilities	Andy Rayner (Nevion)
17:00 – 17:30	YLE radio towards IP platform based on AES67	Veli-Matti Jarvelainen (YLE)
17:30 – 20:00	<i>Beers, Bites & Networking</i>	

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WEDNESDAY 19 JUNE - MODERATED BY MARKUS BERG (IRT)

08.30 – 09:00 *Tea, Coffee, Demos & Networking*

TUTORIALS – DESIGN PATTERNS

09:00 – 09:50	Tutorial A – Room Montreux Architecting Redundant PTP Deployments Louis Lamarre (CBC)	Tutorial B – Room Geneva Network Design / Orchestration / Automation Gerard Phillips (Arista)
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09:50 – 10:00 *Tea, Coffee, Demos & Networking*

10:00 – 10:50	Tutorial C – Room Montreux Network security for broadcast equipment Mike Ellis (BBC)	Tutorial D – Room Geneva Cloud compute 101 Ildiko Vanska (Openstack)
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10:50 – 11:00 *Tea, Coffee, Demos & Networking*

11:00 – 11:50	Tutorial E – Room Montreux 5G for Public Service Media Roland Beutler (SWR)	Tutorial F – Room Geneva Patterns of cloud infrastructure on premise Peter Brightwell (BBC)
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11:50 – 13:30 *Buffet Lunch, Demos & Networking*

SESSION 4: TECHNOLOGY PYRAMID FOR MEDIA NODES

13:30 – 14:00	EBU Tech 3371 – JT-NM TR-1001-1:2018 - PYRAMID	Claire Mérienne-Santoni (FTV)
14:00 – 14:30	Control & Monitoring at SRF/tpc, Zürich	Sandro Furter (TPC)
14:30 – 15:00	Securing the control-plane with AMWA BCP-003	Arne Bönninghoff (Riedel)
15:00 – 15:30	<i>Tea, Coffee, Demos & Networking</i>	

SESSION 5: USE CASES

15:30 – 16:00	Production in a box	Adam Dean (BBC)
16:00 – 16:30	Remote ski-production	Larissa Görrner (GrassValley)
16:30 – 17:00	A virtualised control room? Proof of concept 2018	Edmond Debar (FTV)
17:00 – 17:30	Wrap-Up	Willem Vermost (EBU)

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NTS 2019 – YOUR MEDIA & IT RENDEZVOUS

DEMONSTRATIONS

DEMONSTRATION TRACK

Production Workflow – Mezzanine Based Production

1		
2		

Infrastructure 1: Orchestration, Control and Security

3		
4		

Infrastructure 2: Monitoring and Measuring

5		
6		