

PROGRAMME

TUESDAY 29 JANUARY 2019

08.30–09:00 *Registration & Coffee*

KEYNOTE SESSION

09:00–09:10	Welcome to EBU PTS 2019	Antonio Arcidiacono & Hans Hoffmann (EBU T&I)
09:10–09:40	Transforming media for the next generation	Judy Parnall (BBC, EBU TC Chair)
09:40–10:10	Media experience	Michael Zink (VP Technology Warner Brothers)
10.10–10:20	Demo Pitches	
10:20–10:50	<i>Coffee, demos & networking</i>	

SESSION 1: TRENDS AND INNOVATIONS

CURRENT DRIVERS, NEW DISRUPTIVE TECHNOLOGIES, AND THEIR IMPACT

10:50–11:20	Spot the fakes	Judy King (BBC)
11:20–11:50	IoT, WATSON and Media	(IBM)
11:50–12:20	Real-world blockchain implementation in B2B broadcast	Robin Ribback (Swiss TXT)
12:20–12:50	Media enrichment at scale: building and benchmarking machine learning services	Eyal Lavi (BBC)
12:50–14:00	<i>Seated lunch</i>	

SESSION 2: TRANSFORMING BROADCASTERS

HOW BROADCASTERS CLIMB OUT OF THEIR BOX, BECOME PRODUCTS-DRIVEN, AND MANAGE THE CHANGE FROM LINEAR TO NON-LINEAR

14:00–14:30	CBC's cutting-edge broadcast facility – new lessons-learned	François Vaillant (CBC)
14:30–15:00	Innovation strategies – reshaping the organisation	Johan van Schellenbeeck (SRG SSR)
15:00–15:30	Decision-making in a volatile broadcasting environment	Jessica Becker (SWR)
15:30–16:00	Content pool – the new role of archives	Brid Dooley (RTÉ)
16:00–16:30	<i>Coffee, demos & networking</i>	

SESSION 3: TUTORIALS (16:30–18:00)

Tutorial 1	How to use the EBU Pyramid of Media Nodes	Félix Poulin (CBC)
Tutorial 2	HDR – from theory to practical implementation	Andrew Cotton (BBC)
Tutorial 3	Producing competitive quality content by integrating social media in mainstream production	Frank Neckel & Holger Höbermann (SWR)
Tutorial 4	Deploying AI and exploiting metadata in workflows	Loic Barbou (Triskel)

WEDNESDAY 30 JANUARY 2019

09:00–09:30	What are the challenges and solutions in the content supply chain for OTT and linear broadcast	Malte Blumberg (ARD Online)
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SESSION 4: CLOUD-BASED PRODUCTION

09:30–10:00	Edge computing in media production	Michael Nugent (ERT)
10:00–10:30	Virtualized Control Room	Claire Merienne-Santoni & Edmond Debar (France TV)
10:30–11:00	Cloud-based Distributed Content Production	Rainer Kellerhals & Onur Ozdemir (Microsoft)
11:00–11:30	<i>Coffee, demos & networking</i>	

SESSION 5: INFRASTRUCTURE AND WORKFLOWS

11:30–12:00	5G in production workflows	Ian Wagdin (BBC)
12:00–12:30	Live IP Studio update incl. subtitle in SMPTE 2110	Willem Vermost (EBU T&I)
12:30–13:00	ST-2110 OB truck – first experiences with real productions	TBC
13:00–13:30	Radio production: so many flavours of Audio over IP	Ievgen Kostiukevych (EBU T&I)
13:30–14:30	<i>Networking Lunch & Demos</i>	

SESSION 6: VIDEO AND AUDIO CODECS UPDATE

14:30–15:00	Video Codec comparison (AV1, HEVC; VVC, VP9)	Jean-Yves Aubie (B<>COM)
15:00–15:30	Cloud-Based Encoding is Boosting Video Streaming Quality	Thierry Fautier (Harmonic)
15:30–16:00	Object-based production	Matthieu Parmentier (France TV)
16:00–16:30	<i>Coffee, demos & networking</i>	

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EVENING EVENT (18:15-20:30): DRINKS AND SPECIAL SCREENING:

- EUROPEAN CHAMPIONSHIPS 2018 CONTENT IN UHD-HDR-HFR
- DYNASTIES (NATURE DOCUMENTARY WITH DAVID ATTENBOROUGH) IN HDR – 5.1 AUDIO

THURSDAY 31 JANUARY 2019

09:00–09:30	Should we take the plunge – an immersive user experience	TBC
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SESSION 8: IMMERSIVE MEDIA

09:30–10:00	Berlin Athletics 2018 and the transition to UHD-HDR-HFR-NGA	Dagmar Driesnack (IRT)
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10:00–10:30	What can we learn from immersive games?	TBC
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10:30–11:00	Audio Story for smart speakers	TBC
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11:00–12:15	Panel discussion: How to migrate from HD to UHD	Moderator: Andy Quested (BBC) Derya Aydermir (SRG-SSR)
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12:15–12:30	Subjective tests of HFR – methods and results	Simon Thompson (BBC)
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12:30–13:30	<i>Networking lunch & demos</i>	
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SESSION 9: AI IN CONTENT PRODUCTION – REAL APPLICATIONS

13:30–14:00	A reality check on AI and media - the RAI experience	Alberto Messina (RAI)
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14:00–14:30	How to build a successful AI team	Leonard Bouchet (RTS)
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14:30–15:00	AI at UEFA	TBC
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15:00–15:30	“Voitto” a news robot in action	TBC
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16:00–16:10	Wrap-up	Hans Hoffmann (EBU T&I)
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DEMONSTRATIONS

1	Berlin Athletics 2018 – UHD-HDR-HFR-NGA content	Paola Sunna (EBU)
2	Subjective tests for HFR experiment	(BBC)
3	AI Moderator – Speech to Text – Fake News	(BBC)
4	EBU ADM Renderer (EAR)	Paola Sunna (EBU)
5	LIST - Live IP Software Toolkit	Pedro Ferreira (Bisect)
6	Media Cloud and Microservice with AWS, Azure, Google and more	Masanori Sano (NHK) & Jean-Pierre Evain (EBU)
7	Sandbox AI project	(Media Distillery)
8	Sandbox AI project	(Aiconix)
9	IMF ST2121 demo - first industry implementations	Dan Tatut (Marquise Tech)
10	IMF ST2121 demo - first industry implementations	Marc-Antoine Arnaud
11	Volumetric live capture	TBC
12	The ST 2110 OB truck in real life	TBC
13	RAI AI tools	TBC

