

PRODUCTION TECHNOLOGY SEMINAR 2014

CHANGING TIMES, CHALLENGING TIMES

TUESDAY 28 JANUARY

08.30 Registration

KEYNOTE SESSION

09.00-09.05	Welcome to PTS 2014	Simon Fell	EBU
09.05-09.15	Media Fundamentals & Production Technologies <i>Where we are, where we're headed.</i>	Hans Hoffmann	EBU
09.15-09.45	How standards cooperation can boost artistic freedom and viewer delight <i>A perspective on a common cause for broadcasters & streamers</i>	Kevin McEntee	Netflix
09.45-10.15	The Coming Storm <i>Is the cloud ready for the production community?</i>	Mark Harrison	Digital Production Partnership, UK
10.15-10.30	Demo pitches		
10.30-11.00	<i>Tea, coffee, demos & networking</i>		

SESSION 1: CODECS FOR PRODUCTION & DISTRIBUTION

11.00-11.30	Testing Studio Codecs <i>Overview of EBU tests on xAVC and AVC Ultra</i>	Dagmar Driesnack	IRT
11.30-12.00	HEVC Live at Roland Garros 2013 <i>An overview on this world's first end-to-end HEVC delivery chain</i>	Julien Lemotheux	Orange Labs
12.00-12.30	Evolution of video codecs <i>Compression systems in the studio, contribution and distribution</i>	Ken McCann	Zetacast
12.30-14.00	<i>Buffet lunch & demos</i>		

SESSION 2: PANEL DISCUSSION ON FUTURE INDUSTRY TRENDS

14.00-14.30	How display technology is changing television <i>The growth of TV as app and the influence of mobile devices.</i>	Paul Gray	DisplaySearch
14.30-15.30	Panel Discussion <i>Moderator: Frans de Jong (EBU)</i>	Kevin McEntee Mark Harrison Paul Gray	Netflix DPP, UK DisplaySearch
15.30-16.00	<i>Tea, coffee, demos & networking</i>		

TUTORIALS (16.00-18.00)

tech.ebu.ch/pts14-tutorials

A. Automated Quality Control Workflows	Andy Qusted (BBC) with members of EBU SP-QC
B. Networks in Production	Peter Schut (Axon), Luc Andries (SDN ²), John Stone (SONY), Markus Berg (IRT), Bob Edge (Consultant)
C. HDR - HD post for life-like screens	Florian Utsi Martin, Milan Krsljanin and Henning Rädlein (ARRI)
D. Demystifying Semantic Web Technologies	Jean-Pierre Evain (EBU), Mike Matton (VRT)
E. Archives	Christoph Bauer (ORF); Michael Jordi (JORDI AG)
18.00-19.30	<i>Drinks, snacks & networking</i>

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WEDNESDAY 29 JANUARY

SESSION 3: WORKFLOWS ENABLING INTEGRATION

09.00-09.30	Changing the newsroom - mistakes you can avoid <i>A comparative study of six EBU members newsrooms</i>	Dieter Bornemann	ORF
09.30-10.00	Content Ingest and Validation <i>Standardizing the ingest process at CBC/Radio-Canada</i>	Julie Gagnon	CBC/Radio-Canada
10.00-10.30	Integrated and distributed production workflows <i>Scenarios for live content delivery over IP</i>	Sascha Quillet	BCE
10.30-11.00	<i>Tea, coffee, demos & networking</i>		

SESSION 4: EMERGING AUDIO TECHNOLOGIES

11.00-11.20	M4: Making Musical Mood Metadata <i>Experiments in semantic audio production</i>	David Marston	BBC
11.20-11.40	New sounds for nouvOson <i>Immersive audio production case study</i>	Frédéric Changenet	Radio France
11.40-12.00	An audio model for the future <i>An update on the EBUCore advanced audio model</i>	Manuel Naudin	francetélévisions
12.00-12.30	Loudness – the antidote to all audio diseases? <i>How the EBU loudness doctors cure smashed transients, bleeding ears and hyper-compressed brains.</i>	Florian Camerer	ORF
12.30-14.00	<i>Seated lunch</i>		

SESSION 5: FROM DATA TO USEFUL INFORMATION

14.00-14.30	EBU-TT in practice <i>Approaches to Timed Text in the UK and Germany</i>	Nigel Megitt Andreas Tai	BBC IRT
14.30-15.00	Transition To Tapeless: the T³ project <i>FIMS & EBUCore applied to file-based production at RAI</i>	Giorgio Dimino & Nicola Minnaia	RAI
15.00-15.30	Making sense of Big Data for journalists <i>New techniques to incorporate data into visual storytelling</i>	Kevin Anderson	Digital Strategist & EUROVISION ACADEMY Faculty
15.30-16.00	<i>Tea, coffee, demos & networking</i>		

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F. Automated Metadata Extraction	Alberto Messina (RAI)
G. Immersive Audio Production	Lidwine Hô (francetélévisions)

**PRODUCTION
TECHNOLOGY
SEMINAR 2014****THURSDAY 30 JANUARY**

SESSION 6: UHDTV – MAKING IT WORK FROM GLASS-TO-GLASS

09.00-09.30	Producing in Ultra-High Definition <i>Producing the world's first UHD60p live international broadcast</i>	Bill Scanlon	Executive Producer
09.30-09.50	The UHDTV roadmap <i>From content creation to consumption</i>	Yvonne Thomas	EBU
09.50-10.10	Lenses and Cameras <i>Dos and Don'ts for early adopters</i>	Per Böhler	NRK
10.10-10.30	Higher Dynamic Range <i>Technical parameters and testing</i>	Andy Quested Pavel Korshunov	BBC EPFL
10.30-11.00	<i>Tea, coffee, demos & networking</i>		

SESSION 7: EFFICIENT PRODUCTION INFRASTRUCTURES

11.00-11.30	Making the IP studio a reality <i>Update on fully networked studio proof-of-concept</i>	Robert Wadge	BBC
11.30-12.00	Networked Production <i>It is more than just replacing SDI by IP!</i>	Félix Poulin	EBU
12.00-12.30	NORDIF3 – file interchange project <i>A file exchange service using EBUCore as its metadata scheme.</i>	Rune Hagberg & Tormod Værvågen	NRK

CLOSING SESSION

12.30-12.45	Wrapping up PTS 2014 <i>What did we learn? What comes next?</i>	Hans Hoffmann	EBU
12.45	<i>Buffet lunch</i>		
