

PRODUCTION TECHNOLOGY SEMINAR 2013

INSPIRED BY USERS

TUESDAY 29 JANUARY

08.30 **Registration**

OPENING SESSION

09.00-09.10	Welcome	Lieven Vermaele	EBU
09.10-09.30	Update on EBU activities	Hans Hoffmann	EBU
09.30-10.00	Keynote: The Future for Production Technologies – a view from Hollywood	Howard Lukk	Walt Disney Studios
10.00-10.30	Keynote: Sustainable broadcasting: Risks, challenges and opportunities	Richard Smith	BBC
10.30-11:00	<i>Tea, coffee, demos & networking</i>		

SESSION 1: WORKFLOW & SOA

11.00-11.20	Service Oriented Architecture 101: what's it all about?	Giorgio Dimino	RAI
11.20-11:50	Implementing FIMS (Framework for Interoperable Media Services)	Loic Barbou	Triskel
11.50-12.20	SOA based Integration of Quality Control tools	Matthias Elser Mirko Zimmer	IRT Hessischer Rundfunk
12.20-12.30	Overview of Demos	Hans Hoffmann	
12.30-14.00	<i>Networking Buffet Lunch</i>		

SESSION 2: VIDEO & CODECS

14.00-14.10	What's new (or not) in video codecs?	Massimo Visca	RAI
14.10-14:30	How to deal with pitfalls in Long-GOP implementation	Ingo Höntsch	Avid
14.30-14.50	HEVC: the promised land?	Paola Sunna	RAI
14.50-15.10	Non-Linear Editing system comparisons	Hans Terje Flatlandsmo	NRK
15.10-15.30	Studio codecs: Q&A with the manufacturers	Hiroshi Kiriya Stefan Hofmann	Sony Panasonic
15.30-16.00	<i>Tea, coffee, demos & networking</i>		

TUTORIALS

16.00-18:00	Same programme on Day 1 and Day 2 Full list below; outlines at tech.ebu.ch/events/pts2013/tutorials
18.00-20.00	Drinks, snacks and networking

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WEDNESDAY 30 JANUARY

SESSION 3: QUALITY CONTROL IN FILE-BASED WORKFLOWS

09.00-09.30	A short anatomy of automated and human assisted video QC at Yle	Jouni Frilander	YLE
09.30-10.00	The File based QC-Approach in Germany	Friedrich Gierlinger Rico Zimmermann	IRT IRT
10.00-10.30	Strategic Programme on QC: an update	Andy Qusted	EBU QC SP
10.30-11:00	<i>Tea, coffee, demos & networking</i>		

SESSION 4: AUDIO

11.00-11:30	Audio Objects Demystified	Frank Melchior	BBC
11.30-12.00	Updating the Broadcast Wave Format (BWF) for the Beyond HD era	David Marston	BBC
12.00-12.30	Binaural: the first pathway to broadcasting multichannel audio beyond 5.1	Matthieu Parmentier	France Télévisions
12.30-14.00	<i>Seated Lunch</i>		

SESSION 5: METADATA

14.00-14.15	Metadata 101	Jean-Pierre Evain	EBU
14.15-14.40	Use Case: Weaving a Semantic Web around the London Olympics	Dave Rogers	BBC
14.40-15.05	NHK pilot project with tools for management and automatic extraction of metadata	Masanori Sano	NHK
15.05-15.30	DVB live subtitling at NRK	Kjell Norberg	NRK
15.30-16.00	<i>Tea, coffee, demos & networking</i>		

TUTORIALS

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THURSDAY 31 JANUARY

SESSION 6: DISPLAY, CAMERAS AND LIGHTING

09.00-09.30	LED Lighting and the Television Lighting Consistency Index 2012	Per Böhler	NRK
09.30-10.00	Cameras – what is the state of the art?	Alan Roberts	Independent Consultant
10.00-10.30	Capture and display beyond HD	Richard Salmon	BBC
10.30-11:00	<i>Tea, coffee, demos & networking</i>		

SESSION 7: BEYOND HD

11.00-11:45	Roundtable discussion Moderator: Massimo Visca	Andy Quested Howard Lukk Chris Johns Richard Salmon Stephan Heimbecher	BBC Walt Disney Studios BSkyB BBC R&D Sky Deutschland
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SESSION 8: INTEGRATION & INFRASTRUCTURES

11.45-12.15	A new paradigm for content creation in a multi-platform environment	Jonathan Dupras	CBC/Radio-Canada
12.15-12.45	Packetized networks for professional media applications	Brad Gilmer	VSF (Video Services Forum)

WRAP-UP

12.45-13.00	What have we heard? What have we learned?	Hans Hoffmann	EBU
13.00-14.30	<i>Networking Buffet Lunch</i>		

TUTORIALS

The same programme of tutorials is offered on both Day 1 and Day 2 of the event, starting at 16:00 each day.

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| A | Beyond HD: Introduction to the formats and early practical experiences |
| B | Implementing FIMS in production |
| C | Automated Quality Control: a comparison of different approaches |
| D | Loudness in production workflows (Day 2 only) |
| E | Video playout and graphics: Open Source and On Air at SVT (Day 2 only) |
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