



“Stereo 3D technology & human factors” Workshop

EBU - Geneva, 6th & 7th October 2011

Programme

DAY 1 – 6th October 2011

11:00-11:15	Session 1 Introduction	Welcome & Introduction	Yvonne Thomas (EBU, CH)
11:15-12:45	Session 2 S3D Basics	1o1: 3DTV technical basics	David Wood (EBU, CH)
		Market overview - since the beginning	Dietrich Westerkamp (Technicolor, DE)
		A future market overview	Carl Hibbert (Futuresource, UK)
12:45-14:00	<i>Lunch</i>		
14:0-16:00	Session 3 3D & The Human Visual System	Why do we see 3D & Medical point of view of Stereo 3D	Dr. Med. Peter Höh (Augenlinik-Höh Karlsruhe, DE)
		Distortion and impact of the visual systems	Jenny Read (Newcastle University, UK)
		Experimental data	Jun Arai (NHK, Japan)
16:00-16:15	<i>Coffee break</i>		
16:15-17:15	Session 4 Getting Serious About 3D	Use case SKY	Chris Johns (BSkyB, UK)
		USE case PINA (from Wim Wenders)	Stefan Albertz (PICTORION Das Werk, DE)
		Use case Terra X	Jens Monath (ZDF, DE)
		Rules for live production rules	Frank Hippler (Sportcast, DE)
17:15-17:30	Round Up Day 1	Conclusion	David Wood (EBU, CH)
17:30-18:00	Demo	TerraX, PINA	

DAY 2 – 7th October 2011

9:00-10:30	Session 5 Who Is Doing What Today & In the Future?	SMPTE	Hans Hoffmann (EBU, CH)
		ITU	Andy Quested (BBC, UK) David Wood (EBU, CH)
		DVB	David Daniels (BSyKB, UK)
		3D @ home	Heidi Hoffman (3D@home, US)
10:30-11:00	<i>Coffee break</i>		
11:00-12:30	Session 6 What Happens In The Home?	Distribution technology update	Walt Husak (Dolby, US)
		Glasses, Displays, New developments	Dagmar Driesnack (IRT, DE)
		Autostereoscopic/Multiview Displays	
		Viewing 3D in the home	Dr. Med. Peter Höh (Augenlinik-Höh Karlsruhe, DE)
12:30-13:30	<i>Lunch</i>		
13:30-15:00	Session 7 Golden Rules To Produce Comfortable Stereo 3D	New acquisition systems	Andy Quested (BBC, UK)
		Postproduction	Nicolas Henri Sieber & Claudio Sulser (Kamerawerk, CH)
		Automatic quality check (Certify 3D)	Pierre Routhier (Technicolor, US)
15:00-15:30	Session 8 Medical vs. Technical Requirements	What have we learned, what do we need to learn and what to do in the future?	Dietrich Westerkamp Dr. Med. Peter Höh Jenny Read Heidi Hoffman
15:30-16:00	Round Up Workshop	Conclusion & Recommendations	Yvonne Thomas (EBU, CH)