

HDR WORKSHOP 2016

WEDNESDAY 1 JUNE

09:00 – 09:30	<i>Registration & coffee</i>
09:30 – 09:45	Introduction by the Chair - Giorgio Dimino (RAI)
09:45 – 11:00	<u>Session I : HDR Fundamentals – Moderator : Giorgio Dimino (RAI)</u> <i>Everything you need to know about HDR to get through the day...</i> <ul style="list-style-type: none">• How do we perceive brightness/colourfulness? Jenny Read (Newcastle)• What is HDR (setting the scene / the standards etc...) – Andy Qusted (BBC - ITU WP6C Chair)• Backward Compatible (BC) and Non – backward Compatible NBC HDR signals what does it mean? – David Wood (Chairman DVB CM-UHDTV)
11:00 – 11:15	<i>Coffee Break // Live survey 01</i>
11:15 – 13:00	<u>Session II : Sharing HDR Production experience – Moderator : Andy Qusted (BBC)</u> <i>Short stories about HDR production experiences Live and non-Live.</i> <ul style="list-style-type: none">• UHD HDR Live trial broadcast - Stephan Heimbecher (Director Innovations & Standards, SKY Deutschland)• Short drama production in UHD HDR/HFR – Matthieu Parmentier, francetélévisions• America's Cup in HDR: Shoot>Grade>Deliver – Milan Krsljanin (CTO, ARRI)• Short promotional clip in HDR – Paola Sunna (Senior Researcher, RAI)• Vatican opening of the HOLY door (Live UHD/HDR to 25 countries). Benito Manlio Mari, (SONY)
13:00 – 14:00	<i>Seated lunch // Live Survey 02</i>
14:00 – 15:45	<u>Session III : Coding, Conversion and Delivery Format - Moderator : Dagmar Driesnack (IRT)</u> <i>Understanding HDR content compression and processing subtleties (switching between formats, encoding, bit depth requirements etc...)</i> <ul style="list-style-type: none">• HDR production codecs – Do we need 12bits? (12bit) – Friedrich Gierlinger (IRT)• Mixing Archived SDR and HDR content for multi-platform delivery.- Luc Amiot (AVID)• HDR video distribution with SDR backward compatibility – Edouard François (Technicolor)• Impact of Conversion between HDR formats? - Manish Pindoria (BBC) / Prinyar Boon - Director Broadcast (Dolby)• The Impact of High Dynamic Range on Video Compression – Olie Baumann (Ericsson)
15:45 – 16:00	<i>Coffee break // Live Survey 03</i>
16:00 – 17:00	<u>Session IV : Roundtable – Moderator : Hans Hoffmann (EBU)</u> <i>Discussing potential production and delivery guidelines for HDR content.(Open to the whole room)</i>
17:00 – 17:30	Wrap-up
