



EBU TECHNICAL
MEDIA TECHNOLOGY & INNOVATION

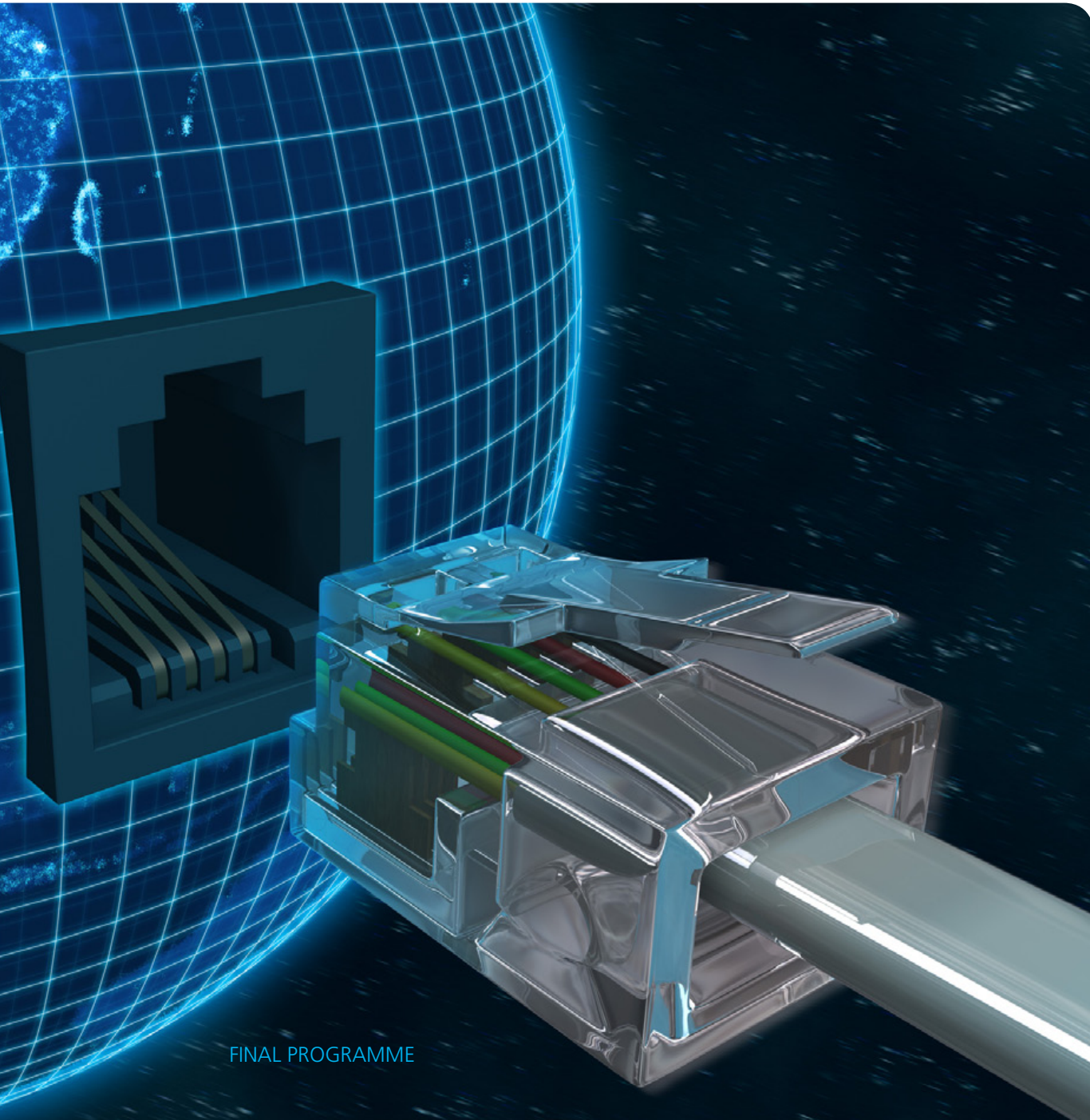
in collaboration with



EBU Networks Seminar 2011

Interconnecting your media networks

EBU, GENEVA, 28 – 29 JUNE 2011



FINAL PROGRAMME

Objectives

- Learn about new developments on B2B media exchange via IP, through real-world use cases
- Assess the latest interoperability and standards developments
- Consider the all over IP technology approach versus Hybrids and IP over Satellite
- Look at storage solutions to interconnect Media centres
- Monitor the latest developments in Network measurements
- Participate in interactive tutorials on specialised topics

Day 1: Tuesday, 28 June 2011

- 08.30 – 09.30 Registration
- 09.30 – 09.35 **Welcome, Introduction, objectives of the seminar**
Hans Hoffmann, EBU and Peter Symes, SMPTE
- 09.35 – 09.45 **ECN Expert Group presentation**
Markus Berg, IRT and Lars Jonsson, SR

Session 1 Use Cases – IP technology in practise

- 09.45 – 10.15 **All-IP contribution infrastructure for live events**
Hendrik Simoens, VRT
- 10.15 – 10.45 **3D operations on the Eurovision Network**
Georges Béry, Eurovision
- 10.45 – 11.15 **Customer Controlled Network Management system Streamline Processes – A case study**
Shahin Arefzadeh, Dimetis and Martin Malcher, Media Broadcast
- 11.15 – 11.45 **Coffee break**

Session 2 IP versus Hybrid broadcast infrastructures

- 11.45 – 12.15 **Feasibility of building an all-IP network: BBC NGN pilot**
Martin Nicholson, BBC
- 12.15 – 12.45 **Fibre or SAT: what options to choose?**
Paul Calleja and Didier Debellemanière, Eurovision
- 12.45 – 14.00 **Lunch**

Session 3 Challenges and new networks technologies

- 14.00 – 14.30 **Multiple 3G-SIM for news gathering (user case)**
Guy Pelham, BBC
- 14.30 – 15.00 **“Reporter backpacks”: tests with UMTS bundlers for mobile reporters**
Markus Berg, IRT
- 15.00 – 15.30 **Transition to file-based contribution**
Wei Jiang, Eurovision
- 15.30 – 16.00 **Coffee break**

Tutorials topics *The tutorials are 90 min interactive sessions. 4 topics are proposed. The tutorials run simultaneously. Choose ONE tutorial to attend.*

- 16.00 – 17.30 **Broadcast media for network specialists**
Félix Poulin, EBU
- 16.00 – 17.30 **Audio over IP, standards, protocol soup, best practices for migrating from ISDN**
Lars Jonsson, SR and Mathias Coinchon, EBU
- 16.00 – 17.30 **Video over IP, standards, protocol soup, best practices**
Yuan-Xing Zheng, BBC and Andrew Rayner, Nevion
- 16.00 – 17.30 **Media Storage Fundamentals - How to guarantee predictable performance**
Luc Andries, VRT
- 18.00 **Cocktails**

Day 2: Wednesday, 29 June 2011

Session 4 Monitoring your quality

- 09.00 – 09.30 **Practical management of MPLS-based network**
Oliver Birnbaum and Holger Kemper, Vodafone
- 09.30 – 10.00 **Network Measurements for Audio over IP**
Andreas Metz, IRT
- 10.00 – 10.30 **Network measurement: Practical Pitfalls in Analysing IP Video Streaming Systems For Live Broadcast Contribution**
Thomas Heritage, BBC
- 10.30 – 11.00 **Coffee break**

Session 5 Storage – interconnecting media data centres

- 11.00 – 11.30 **SSD/Flash memories – pros and cons today and what to expect tomorrow**
Ivar Poijes, SR
- 11.30 – 12.00 **Introduction to AXF archive exchange format**
Merrill Weiss, Merrill Weiss Group
- 12.00 – 13.30 **Lunch**

Session 6 Interoperability and standard developments

- 13.30 – 14.00 **SMPTE 2022 Standard Documents and Recent Progress**
John Dale, Media Links
- 14.00 – 14.30 **Intercom over IP – On the way to Interoperability ?**
Claire Mérienne, France 3
- 14.30 – 15.00 **Coffee break**
- 15.00 – 15.30 **MXF over IP: Applications and Use cases**
Pedro Ferreira, MOG
- 15.30 – 16.00 **Time-critical distribution of real-time sensitive media data on qualifying IP network infrastructure**
Andreas Hildebrand – ALC NetworX GmbH
- 16.00 – 16.30 **Impact of IPv6 on broadcasters, best practices for migrating. World IPv6 Day report**
Thomas Kernen, Cisco
- 16.30 – 16.45 **Wrap-up and Seminar conclusion**
- 16.45 End of seminar

Venue

European Broadcasting Union (EBU)

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