

## EBU Networks Seminar

# “Networked Content Exchange”

Chair: Markus Berg, IRT, Germany and Chairman of the EBU Expert Community on Networks and Infrastructures  
Co-Chair, Pierre Costa, ATT Laboratories, USA and co-chair of the VSF HBRAV-IP committee

- ▶ 21 June: Expert Community on Networks and Infrastructures (ECN): Kick-off meeting\*  
(for details please refer to the back page of the programme)

EBU, GENEVA, 22 – 23 JUNE 2010

## 22 JUNE: Networks in Action

- 08.30 Registration
- 09.30 [Welcome, Introduction, objectives of the seminar](#)  
Hans Hoffmann, EBU TECHNICAL, EBU
- 09.45 [New strategies for the Expert Community on Networks and Infrastructures](#)  
Lars Jonsson, SR, Sweden and Markus Berg, IRT, Germany

### Session 1 Use Case Reports

- USING IP FOR MAJOR SPORTS EVENTS Moderated by Markus Berg, IRT, Germany
- 10.00 [Winter Olympics via IP: Efficient commentary insertion for outside broadcasts](#)  
Julian Cable, BBC, UK
- 10.30 [Contribution links: Eurovision file transfer project](#)  
Didier Debellemanière, EBU Eurovision, Switzerland
- 11.00 [Coffee](#)
- NEW CONTRIBUTION NETWORKS Moderated by Lars Jonsson, SR, Sweden
- 11.30 [The new wavelength MUX contribution network of SRG](#)  
Ernst Camenzind, SRG-SSR idée Suisse, Switzerland
- 12.00 [The new ARD Hybnet: Requirement and Solution](#)  
Jochen Geiss, Vodafone, Germany
- 12.30 [IP & Newsgathering Vehicles](#)  
Geoff Woolf, BBC, UK
- 13.00 [Lunch](#)

### Session 2 Metadata and Ancillary Services Moderated by Chris Chambers BBC

- 14.30 [Metadata for news - NewsML-G2 for Eurovision News Exchange](#)  
Benoît Sergent, EBU, Switzerland
- 15.00 [Transport of metadata for multichannel audio](#)  
Gunnar Johansson, SVT, Sweden
- 15.30 [Transporting ancillary data in HDTV – how to use network for distributing ancillary data](#)  
David Salama, Atos Origin, UK
- 16.00 [Coffee](#)

### Session 3 Standards Development and Update Moderated by Vincenzo Sardella, RAI, Italy

- 16.30 [Video over IP \(HBRAV\) – results and experiences](#)  
John Dale III, Media Links, USA
- 17.00 [Interoperability guidelines for high bit rate AV streaming](#)  
Pierre Costa, ATT Laboratories, USA
- 17.30 [Video Contribution over IP - Status of the work of EBU ECN-VCIP](#)  
Markus Berg, IRT, Germany
- 18.00 [Cocktails](#)

## 23 JUNE: Networks for the Future

### Session 4 Network-Based Production Architectures Moderated by Anders Nyberg, SVT, Sweden

- 09.00 [Storage in a networked production environment](#)  
Per Björkman, SVT, Sweden
- 09.30 [“where are my files” update](#)  
Luc Andries, VRT, Belgium
- 10.10 [coffee](#)
- 10.30 [End-to-end media flow monitoring \(IPM\)](#)  
Yuang-Xing Zheng, BBC, UK
- 11.00 [Integrating production systems in a networked environment](#)  
Steve Sharman, Mediasmith, UK
- 11.30 [Coffee](#)

### Session 5 IP Security and link protection Moderated by Mathias Coinchon, EBU, Switzerland

- 12.00 [BBC experience: softening of corporate boundaries and the impact on Information Security models](#)  
Andy Leigh, BBC, UK
- 12.30 [High Speed Ethernet Link Protection for Contribution Video](#)  
Michael Bany, DVBLink, USA
- 13.00 [Lunch](#)

### Session 6 Next Generation Networks and Storage Moderated by Yuan-Xing Zheng, BBC, UK

- 14.15 [3D contribution link for the World Soccer championships 2010](#)
- 14.45 [Contribution Networks WC 2010](#)  
Eckard Grütters, Media Links, USA
- 15.15 [Network architecture: time synchronization within the IEEE 802 AVB infrastructure](#)  
Michael Johas Teener, Broadcom, USA
- 15.45 [Coffee](#)
- 16.15 [Cloud Computing](#)  
Martin Buhr, Amazon Web Services, Luxemburg
- 16.45 [Storage Challenges from Ingest to Archives](#)  
Nick Pearce, Object Matrix, UK
- 17.15 [Conclusions by Lars Jonsson](#)

17.30 End of seminar

## \* EBU TECHNICAL Expert Community – Networks and Infrastructures (ECN)

The Expert Community - Networks and Infrastructures (ECN) is a new group that emerged after the re-organisation of EBU TECHNICAL. It deals with production, contribution and primary distribution technologies that are of interest to EBU Members. It is the think-tank for EBU members interested to drive solutions related to the exchange of audiovisual material in the professional broadcasting domain.

The kick-off meeting of the EBU Expert Community on Network and Infrastructures will take place on 21 June 2010, the day before the annual EBU Networks seminar.

EBU members are strongly encouraged to join this meeting. Register directly on the EBU website: <http://tech.ebu.ch/events>.

This meeting is open to EBU members only. However, at 4 pm, there will be a special session where manufacturers, operators and non-members are encouraged to attend. In this session manufacturers and operators will have the opportunity to present the trends and developments in their company in a brief 4 minute non-marketing presentation. It will be followed by a discussion with EBU members on future actions and possibilities for collaboration.

Details will follow on how to submit a presentation topic.

For joining the Expert Community please go to: <http://tech.ebu.ch/groups/ecn>

For more information please contact Mathias Coinchon: [coinchon@ebu.ch](mailto:coinchon@ebu.ch)

### Venue

European Broadcasting Union (EBU)  
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### Internet

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