



PROGRAMME

Radio France

Charles Trenet Studio

Our partners :



Monday November the 18th, 2013 **3D Binaural reproduction / Object-oriented mixing**

Monday Morning: « 3D audio and binaural reproduction »

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| 9 h 30 | Welcome speech by Jean-Michel Kandin , Directeur Général Adjoint de Radio France, Antoine Lehembre , Radio France Production Delegate, and Christilla Huillard-Kann , Radio France's New Media Deputy Director |
| 9 h 45 | 3D binaural recording and reproduction by Werner Bleisteiner (Bayerischer Rundfunk) |
| 10 h 45 | Binaural at Radio France and the HRTF encoding BiLi Project (Binaural Listening) by Edwige Roncière , Production & Antenna Direction at Radio France |
| 11 h 00 | Coffee Break |
| 11 h 20 | Binaural rendering of 3D audio content according to MPEG-H by Jan Plogsties , Fraunhofer IIS |
| 11 h 40 | Challenges in 3D audio coding at low bitrates – the new standards MPEG-H and Ecma S5 by Clemens Par , Swissaudec |
| 12 h 00 | Listening through headphones and speakers of Radio productions by Pascal Besnard , Cyril Becue , Jean Michel Cauquy and Cécile Bracq , Philippe Cabon , sound engineers at Radio France |
| 13 h 15 | Lunch break |

Monday afternoon: « Object-oriented mixing » or SAOC (Spatial Audio Objet Coding)

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| 14 h 30 | The Object-oriented mixing and the production presentation of « Pinocchio » by Anthony Churnside , sound engineer - audio research team at BBC R&D |
| 15 h 30 | Coffee Break |
| 15 h 45 | Oriented-object sounds in radio , by Frédéric Changenet , sound engineers at Radio France |
| 16 h 15 | Oriented-object sounds in WFS reproduction by Jacques Laville , sound engineer, owner of Urbs Company. Musical demonstration by Emakio (Vocal / trompet – piano - winds - basse / guitar). |
| 16 h 45 | MDA – an Open Content Format for Next-Generation Immersive audio by Jean Marc Jot , vice-president, DTS R&D |
| 17 h 30 | Listening through headphones and speakers of Radio productions |
| 18 h 00 | Cocktail |

Monday Evening, Pathé Wepler Theater, 140 boulevard de Clichy, Paris 18 : 3D reproduction

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| 19 h 00 | 3D Dolby ATMOS Reproduction by Dominique Schmit , Dolby Marketing Director for Southern Europe, and Gwenolé Le Borgne , sound editor of the film « En solitaire ». Screenplay and presentation of « En solitaire » directed by Christophe Offenstein |
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At coffee breaks, enjoy listening 5.1 musical mixings produced by CNSMDP

Tuesday November the 19th, 2013
Artistic & Semantic Developments of Multichannel Sound

Tuesday 19th November 2013 morning

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| 9 h 30 | Welcome speech |
| 10 h 00 | Multichannel sound and musical reproduction by Jean Christophe Messonnier , Sound engineer at CNSMDP. Listening sessions. |
| 11 h 00 | Coffee Break |
| 11 h 15 | Multichannel sound and musical composition by Serge Lemouton , Computer music producer at Ircam. Listening session of "Isis und Osiris" of Jacques Lenot |
| 12 h 15 | Listening sessions of the finalists of « mixage fou » by Florian Camerer , «Senior Engineer» at ORF and by Thierry Dilger , ingénieur du son |
| 13 h 00 | Lunch Break |

Tuesday 19th November 2013 afternoon

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| 14 h 00 | Editorial and aesthetical approach of « NouvOson » with: Joel Ronez , New Media Director, Radio France Christilla Huillard-Kann , New Media deputy Director, Radio France Hervé Déjardin , Sound engineer, Radio France, in charge of NouvOson Project Invited artists |
| 15 h 00 | Round Table « 3D sound and its applications » - Rozenn Nicol , Orange Labs - Etienne Corteel , Sonic Emotion - Florian Camerer , ORF - Hervé Déjardin , Radio France - Werner Bleisteiner , Bayerischer Rundfunk - Anthony Churnside , BBC Moderator : Matthieu Parmentier , francetélévisions innovations&development |
| 16 h 00 | Coffee Break |
| 16 h 30 | What binaural approach brings on radio voices , by Benoit Gaspard, NouvOson |
| 16 h 45 | Multichannel Productions by Tom Ammerman or Pascal Rueff |
| 17 h 15 | Multichannel Productions by Darcy Proper , Mastering engineer at Wisseloord studios, The Netherlands. Winner of a Grammy Award in 2013 for Patricia Barber's stunning "Modern Cool" Pure Audio BluRay. |
| 18 h 15 | FISM Closing speech by Antoine Lehembre , Radio France Production Delegate & Christian Hugonnet , FISM Founder & Organizer and Matthieu Parmentier |

Technical Coordination : Antoine Lehembre, Hervé Déjardin, David Sadoun, Pascal Besnard, Bruno Roncière, Edwige Roncière (Radio France), Olivier Jouinot and Matthieu Parmentier (France Télévisions)

Room WFS reproduction by Radio France with support of Audiopole and Euphonia

Simultaneous translation : société INTERFACE

18th & 19th November continuous workshops (10h00 -17h00)

5 parallel workshops during the two days:

- Continuous listening of 5.1. Radio France Productions, with Trinnov audio system – Studio 107
- Personalized binaural rendering of 5.1 thanks to Trinnov audio system – Control Room 105
- "How do you mean this?" Jean Marc L'Hotel's creations rendered in his CUBE, with Trinnov and Harpex – Agora
- Listening on Sound bars by Sonic Emotion – Salon 80
- "L'atelier du Verbe" binaural creations by Pascal Rueff – Entrance Hall

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