



## INFORMATION ON NEXT MEETING

### *Loudness – Part 2*

Thursday, the 30<sup>th</sup> of September 2010, 17h00,  
Radio Télévision Suisse (RTS), 20 quai Ernest Ansermet, 1211 Geneva

**SPEAKERS:** Florian Camerer, ORF  
Yannick Dumartineix, RTS

**ORGANISERS:** Gabriel Leuzinger, Patrick Boehm

**LANGUAGE:** English

As expected, the new recently published loudness standard EBU R128 will be presented at IBC 2010 in Amsterdam. You probably have recognized a lot of discussions and new products around loudness normalization. The EBU booth at IBC will host around 20 manufacturers of loudness meters who have applied for the “EBU mode” meter rack.

AES Swiss section is very pleased that Florian Camerer, chairman of the PLOUD working group, found some time in his tight schedule to present R128 directly to Swiss members. Following the first AES loudness meeting, where Thomas Lund and Richard van Everdingen introduced the concept of loudness measurement and the whole loudness chain from acquisition to programme production and distribution to the public, Florian Camerer will concentrate on the practical implementation and influences of R128 in daily work.

RTS is the first TV unit of SRG/SSR, who built a loudness capable audio workflow into its new continuity room. All other units agreed to follow that concept for their projects of HD migration. One of the driving forces of the TSR project is Yannick Dumartineix, an experienced, enthusiastic sound engineer and team leader at RTS. Also a member of EBU PLOUD, Yannick will focus on the new workflow concept and explain the requirements and ideas behind it.

We will have the opportunity to see demonstrations of the new continuity just before it will be set into hot operation within next weeks.

As usual there will be time left after the meeting to discuss directly with the speakers

## SPEAKER BIOGRAPHIES

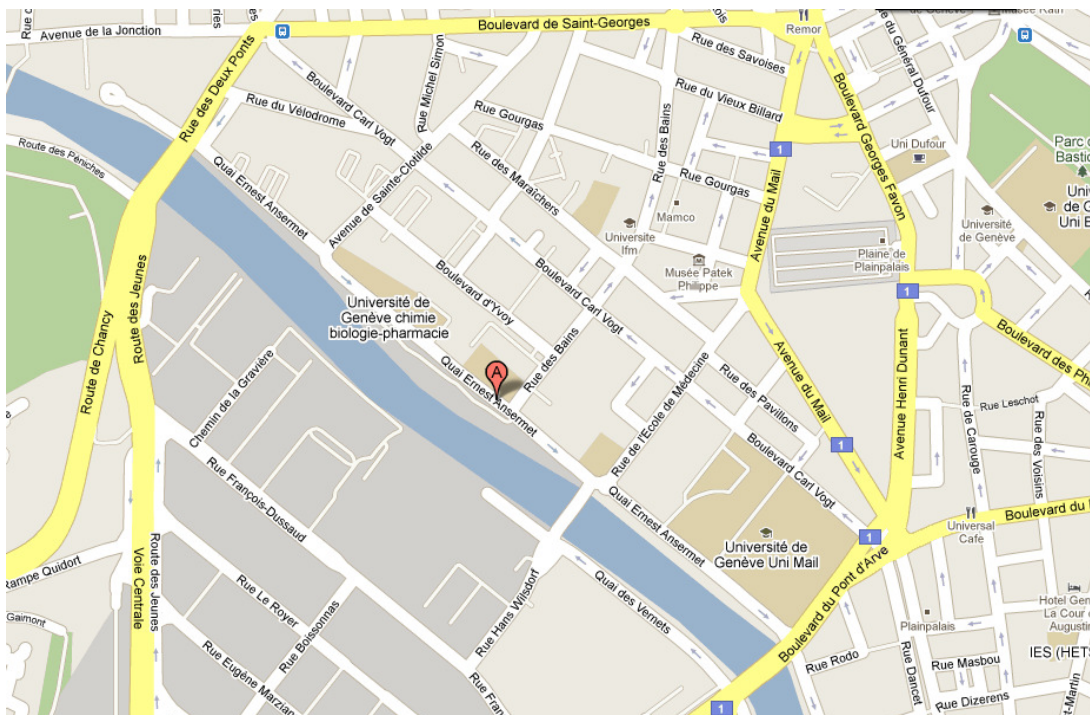
### Florian Camerer:

After his education in sound engineering at the “Hochschule für Musik” and further studies at the “Höhere Lehranstalt für Nachrichtentechnik”, Florian started his career at ORF as a sound engineer in the area of remote production and post production. He was responsible for the sound design of numerous documentaries and is known as one of the driving forces of broadcast multichannel audio in Europe. He is an international lecturer, working for several audio organizations and chairing workshops and tutorials for AES (amongst others). Since 2008 he chairs the EBU-group PLOUD (loudness in broadcasting). Florian is a member of AES, VdT, ÖTMV and IBS.

### Yannick Dumartineix:

After a graduation in electronics and digital signal processing, Yannick started his audio career in 1997 in Paris as a freelance postproduction mixer for film (feature film, animation and documentaries), and TV. During that time, he worked on OB vans for live recording and was involved in training and system design of multichannel setups as well. In 2004 he started a part time job as a post mixer at TSR in Geneva before becoming full time leader of the audio production team in 2007. At TSR he started several MCA productions and was also involved in audio design projects for OB van and production area. Yannick Dumartineix is a member of AES and several SRG-SSR audio networks.

## MAP



REPORT ON PREVIOUS MEETING

*New concepts in audio spatialisation and composition*

27<sup>th</sup> of May 2010, Idee und Klang GmbH, 4053 Basel

**SPEAKERS:** Daniel Teige, sound artist and composer, Idee und Klang GmbH  
Ramon De Marco, Idee und Klang GmbH  
Daniel Dettwiler, Idee und Klang GmbH

**REPORTER:** Veronique Adam

About 15 people gathered on this Thursday afternoon in the “Idee und Klang” studio in Basel, in order to attend a meeting about new concepts in audio spatialisation and composition.

The young Swiss company “Idee und Klang GmbH” presented their ideas about spacial composition and audio design for media installations.

Mr Daniel Dettwiler introduced the company. He explained their desire to present a high quality studio work, either for recording, mixing or mastering. He explained also their philosophy about audiodesign, that is to create first-class audio design covering the full spectrum from “sound” to “music”. The idea is to compose music for specific rooms, taking care of loudspeaker number and locations in space. The music composition is carried out in studio according to the room size and shape. He presented the example of the BMW Museum in München. The challenge was to introduce the loudspeaker systems (even subwoofer) in the different existing rooms without touching the building decoration and without any sound interactions between rooms.

Mr Ramon de Marco presented then the Magic Box project realized for one of the Shanghai

EXPO 2010 Chinese pavillons. The Magic Box is the biggest 720° installation worldwide. The four walls, ceiling and floor are completely covered with LED screens and speakers. They developed a unique spacialisation software in order to orchestrate the music in a 21.2 format. We had the opportunity to visualize the movie using the surround studio installation to simulate the Magic Box 3D Soundtrack. This demonstration gave a good idea of the Shanghai unique 3-dimensional experience.

Mr Daniel Teige ended the meeting with the AROS (Acousmatic Room Orchestration System) presentation. This system enables sound and music to be designed and created for a specific room. The music composition may be carried out in real spatiality, according to the number of loudspeaker systems (up to 128) and their positions in space.

After the meeting, the discussions about this interesting topic went on in a friendly brewery nearby.

The Swiss AES wishes to thank again warmly the “Idee und Klang GmbH” team for their presentations and kind collaboration.