



INFORMATION ON NEXT MEETING

## *An Evening with Ray Gillon*

Wednesday, 22<sup>nd</sup> of February 2006, 16h30 at SDS Studio AG,  
194 Schermenweg, 3170 Ostermundigen (Bern)

**SPEAKER:** Ray Gillon – G-Minor

**ORGANISER:** Terry Nelson

**LANGUAGE:** English

### Biography:

Ray Gillon combines a wealth of experience from the audio industry in general and the film industry in particular.

Following his beginnings in various sectors of the audio profession, Ray went on to pass 10 years or so at Dolby Laboratories and thus became very acquainted with the world of audio for film. In the course of his tenure with Dolby, Mr. Gillon spent considerable time in foreign studios where the foreign language - or dubbed - versions of Hollywood films were being recorded. It soon became apparent that there was a lot of progress to be made in this area and upon leaving Dolby, Ray Gillon embarked on a new career as a foreign language dubbing consultant for British and American films.

He is currently under contract to Warner Brothers as an independent consultant/producer to supervise the dubbed versions of major releases. Ray Gillon was the keynote speaker at the AES Convention in Barcelona 2005 and a packed audience was treated to a highly informative and amusing presentation on the pitfalls and problems presented in the production of foreign language versions of films. One highlight was Tom Hanks 'singing' in about 10 different languages throughout a scene from "Polar Express".

Equally at home behind the mixing console in an auditorium or ADR studio, Ray also has a talent for languages (due to his many travels) and is

currently up to about 40! He is also pursuing a parallel career as an independent film director.

Ray Gillon very kindly agreed to be the Keynote Speaker at the Diploma Ceremony for the graduates of the "Sound Technician" exam that is supervised by the Swiss Section AES Education Committee and it was just too good an opportunity not to miss by having another "An Evening With..." Special Meeting as debuted with Tomlinson Holman last year.

Whatever his choice of subject and materials, you can be assured of a memorable evening with Ray Gillon. Laughing will be mandatory!

### Schedule:

Doors open:	16H30
Start of presentation:	17H00
Refreshments – aperitif:	18H00
End:	19H45
Optional dinner:	20H00

The Swiss AES wishes to thank SDS Studios AG for their kind collaboration in providing the auditorium.

The presentation will also be open for non-members of the AES and the SGA. To cover our expenses, we will charge a small entrance fee from non-members only (15.-- adults, 10.-- students and retired). Non-members subscribing to AES membership before the event will not have to pay. We look forward to welcoming you on the 22nd of February!

**Note:**

There is bound to be a big demand for this meeting so please register as early as possible. The traditional dinner will be held at the Hotel Bären next to SDS Studios and we need to be able to give numbers as soon as possible. Thank you. Details of the menu will be sent out shortly.

**REPORT ON PREVIOUS MEETING*****New Master Control Room at SF DRS***

Thursday, 1<sup>st</sup> of September 2005 at SF DRS, 8052 Zurich

**SPEAKERS:** Roberto Belloni (tpc), Erich Rathgeb (tpc), Walter Honegger (tpc)

**REPORTER:** Gabriel Leuzinger

Only 11 of more than 20 pre-registered attendees gathered on this warm late summer Thursday evening in a meeting room of Swiss TV broadcast company SF DRS. After a short introduction of organizer Gabriel Leuzinger, project manager Roberto Belloni started his presentation with a brief history of the project: first studies were issued in spring 2003 and one year later building construction work was launched, followed by installation work in summer 2004. It took several night sessions this spring to put the room and all connected peripherals into hot operation. The new master control room is now (very successfully) operational since May 2005. It interconnects studios, post production, communication and contribution/distribution links from/to media services of SRG SSR. As the real technical heart of TPC (TV ProductionCenter Zurich AG) also operational improvements were targeted. In addition to the very ergonomic layout of the room, a new and future proof signal management/connection scheduler has been developed. Roberto explained the signal routing concept, which is based on 4 large crossbars, fibre connections for SDV (serial digital video) and 22 decentralized audio I/O devices. Audio runs on 16 embedded channels within SDV. The new room is already partly prepared for HDTV.

Erich Rathgeb took over for a deeper illumination of the audio requirements within TV environments. An ordinary audio interconnection, i.e. between a stadium and the studio, has to provide a lot of audio channels: IT channels (international sound programme without commentary), the commentary channels, n-1 channel for commentator feedback, talkback to studio and talkback from studio. It turned out very quickly, that audio for TV broadcasting is one of the higher complex audio applications and despite of less bandwidth consumption, it seems to be more demanding than the accompanying video signal! Erich explained the functions of the audio crossbars including its DSP functions for faders, summing, mono downmixing, delays and re-entries. He showed how the new signal management supports the operators by simplifying the challenging audio signal management. With some figures of the new master control room he rounded up his interesting speech: the audio crossbar comprises 6000 I/Os each and roughly 900 physical I/Os each. 100 km copper cables and more than 140 km fibres were installed. The DSP resources provide more than 216 faders, 132 delays, 12 mono downmixers, 38 summing amps (3 of them with 80 inputs).

For the practical part, Project Manager Roberto Belloni and his team demonstrated the features of the new master control room in real life action. For large productions like reports of elections, all three operating desks in the control room are occupied. Yet, the new master control room has proved to be very reliable and effective. The tour proceeded through the equipment room with its more than 50 racks, where all interconnections of the different sources and destinations are executed by the audio- and video-crossbars. For comparison reasons, Walter Honegger let us have a quick view on the old master control room, which is actually in breakdown process. Afterwards he guided us over to SF DRS, to visit one of the major sources, the studios of the very popular news broadcast programmes "Tagesschau" and "10vor10". Finally Walter demonstrated the audio and communication part in one of the recently finished, new control rooms which can be hooked up very flexible to different production studios. These studios, all equipped with Stagetec desks, are also contributing sources to the new master control room.

After all these interesting information and demonstration, most of the AES visitors gathered in the restaurant of SF DRS for the optional dinner. The AES Swiss section would like to thank the three speakers of TPC for their very well prepared and enthusiastic presentations.