



INFORMATION ON NEXT EVENT

## *Latest Developments from Merging Technologies*

*Location: Hochschule der Künste Bern, Tonstudio  
Papiermühlestrasse 13d, CH-3000 Bern 22*

Friday, 9<sup>th</sup> of November 2012, 17H00

**SPEAKERS:** Claude Cellier - Maurice Engler  
Benoit Piccand - Jean-Daniel Noir

**ORGANISER:** Terry Nelson

**LANGUAGE:** English

Merging Technologies will present their latest solutions for combining digital and analogue signals for transmission using the Ravenna network protocol, together with their new panning tool, PanNOIR.

The components of the system are as follows:

**Horus:** Converter and router for both digital (AES/EBU & MADI) and analogue signals. The analogue I/O is handled by optional 8-channel modules and up to 6 of these can be fitted according to the configuration required.

**Ravenna:** Network protocol for real-time transmission via IP Layer III. The system offers the advantage of being decentralised and being able to provide distribution via hubs along the network.

**PanNOIR:** The drawbacks of 'panpotted stereo' are well known; such as the restrictions on listener position, depth of field and precise imaging. The use of delays – 'delay panning' – to provide a stereo field to the majority of the listeners has been around for some time but is often achieved by using a level/delay matrix as opposed to an actual panning system per channel (unless you are the NHK with 22.2!)

The PanNOIR tool aims to overcome these restrictions.

**Programme** (approx.1.5H) :

- Presentation of Horus
- Presentation of the latest norms for Ravenna
- System configurations
- Presentation of PanNoir with comparative listening tests drawn from recent recordings
- General demonstrations
- Q&A (English, Français, Deutsch)

An apero will be offered by the AES at the end of the presentation.

**Note:** For those members who cannot attend the meeting at 17H00, a public meeting will be held at 14H00. Pre-registration is necessary.

Contact: [peter.weber@defitechnique.com](mailto:peter.weber@defitechnique.com)