S.M.P.T.E.
Chapitre Montréal / Québec / Ottawa

Evening Presentation Notice

Date: Tuesday, January 26th, 2016
Time: 19:00
Location: TéléQuébec – TV2 Studio
1000 Rue Fullum
Organized by: Daniel Guevin, Radio-Canada
Patrice Guay, TéléQuébec
Sponsored by: SRC and Imagine Communications
Subjects:
- Retrospec on CES 2016 event
- UHD (4K) in a hybrid SDI IP world
- UHD Production – a case study

IMPORTANT: in order to participate to this evening, please register via Eventbrite (https://smptemtl.eventbrite.ca). For this evening a streaming (limited access) will be offered for attendants outside of the greater Montreal Area

Your Montreal SMPTE chapter is pleased to team-up with Imagine Communications and present you this 3 fold evening presentation:

1) CES 2016 Retrospective
Speaker: Jonathan Dupras, Senior Manager, New Broadcast Technologies / Media Technologies Services - SRC.

2) UHD (4K) in a hybrid SDI/IP world
Marketing efforts over the last year have generated a lot of excitement around the transition to IP in the broadcast environment but SDI still plays a vital role. The hybrid SDI/IP models that will be adopted by most operations still need to consider the role that SDI plays for HD, but especially important is the role of SDI as it pertains to the introduction of UHD-1 (commonly referred to as 4K). The SDI interface is the only standardized means for interconnecting UHD devices today, and those who are looking to roll out UHD1 need to have a much better understanding of the challenges and issues that may result in a hybrid environment. This paper highlights some of those challenges; provides an update to the current technologies and discusses why SDI will continue to be an enabling technology for the rollout of UHD1 (and UHD2).

Speakers:
Randy Conrod, Senior Product Manager – Digital Products, Imagine Communications

3) An Ultra HD production service case study
Organizations such as the UHD alliance, whose members are mainly content producers and consumer electronics manufacturers, are strongly promoting the UHD standard. As a result, several broadcasters and CDNs (Content Delivery Networks) are going Ultra HD, at different paste, according to the market.

Ultra HD consumer TV sets are more and more affordable. Netflik was the first to offer Ultra HD content (films and series) via the Internet. Panasonic and a few others are announcing a consumer UHD Blu-ray player.

Interestingly enough, Ultra HD professional studio cameras, production switchers and other devices are now quite affordable. In fact, they are much more affordable than broadcast analog NTSC studio equipment was, not so long ago ...

In this presentation, including a practical case study, attendees will be informed about what Ultra HD really is and about some aspects of Ultra HD signal transport, using technologies such Thunderbolt, DisplayPort, SDI copper and fiber, as well as new IP/Ethernet based media transport systems.

Speaker: Pierre Robidoux SRC, Senior Engineer, New Broadcast Technologies – SRC

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