**S.M.P.T.E.**
Montréal / Québec / Ottawa Chapter

**Evening Presentation Notice**

**Date:** Thursday, June 1<sup>st</sup>, 2017  
**Time:** 18:00 – 21:30  
**Location:** Radio-Canada Montreal, (Raymond David)  
1400 boulevard René Levesque, Montreal

Please note that the Papineau parking will be closed. Parking is available in the nearby streets (read the signs !!!)

**Organized by:** David Beaulieu and Gaétan Gauthier  
**Sponsored by:** Muxlab and Matrox

**Language:** Technology and possibilities behind KVM Extenders

**IMPORTANT:** In order to participate to this event, you must register via [Eventbrite](https://www.smpte.org/sections/montrealquebec). A streaming service on our Facebook page ([https://www.facebook.com/SMPTEMTL/](https://www.facebook.com/SMPTEMTL/)) will be available for our colleagues of the Ottawa SMPTE section and attendants outside of the greater Montreal Area.

KVM extenders applications (keyboard, video and mouse) are found in many industries to give a way to remotely control multiple computers from one or more sets of keyboards, monitors and mice. During this SMPTE presentation, we will explore the technologies and possibilities behind these products through two presentations from companies working in this field of expertise.

### 1. Technology behind KVM Extenders (presentation in English)

As new display standards support higher resolutions, higher color depth and wider color gamut – the bandwidth required to transmit KVM (Keyboard, Video, Mouse) signals has tremendously increased – just the transition from HD to UHD will take four times more bandwidth. How do we carry KVM signals over existing infrastructures?

We will:

- review the signal bandwidth requirements of KVM extenders and
- see how compression technology helps carry more signals, and what performance parameters come into play with compressed, lightly compressed and uncompressed KVM technologies.

**Presenter:** Caroline Injoyan, Business Development Manager, Matrox Graphics Inc.

Caroline Injoyan is a Business Development Manager at Matrox with over 20 years of experience in computer technology. She has managed several award winning product lines from conception to launch, including multi-screen solutions for digital signage, surround gaming, KVM signal extension for control rooms, and multi-display graphics cards for Enterprise. Caroline holds an MBA from Concordia University, and a bachelor's degree in Electrical Engineering from McGill University.

Presentation will be given in English

### 2. The world of audio/video distribution using Extenders (Presentation in French)

- The advantages and limitations
- Applications in the broadcast world
- The future

**Presenter:** Pascal Gaudreault

Pascal Gaudreault has spent more than 20 years in the audio video industry. For the past 8 years, he has been sales director at Gefen Canada and since 2015, he is the North American sales manager at Muxlab. Muxlab is a Canadian manufacturer based in Montreal which has been operating in the universe of signal extension of all kinds for more than 30 years

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**Version française sur document séparé**

https://www.smpte.org/sections/montrealquebec

**NOTICE-NOTICE-NOTICE**

PRESENTATION OPEN TO ALL but RSVP on Eventbrite

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