

## 2023 / 2024 Season

### Chair

David Beaulieu  
Canadian Broadcasting Corp.  
Tel.: (514) 569-1786  
[david.beaulieu@radio-canada.ca](mailto:david.beaulieu@radio-canada.ca)

### Secretary – Treasurer

Jonathan Jobin  
Canadian Broadcasting Corp.  
Tel: (514) 609-4930  
[jonathan.f.jobin@radio-canada.ca](mailto:jonathan.f.jobin@radio-canada.ca)

### Past Chair

Daniel Guévin  
[emaildguevin@gmail.com](mailto:emaildguevin@gmail.com)

### Managers

Marie-Ève Bilodeau  
Student, ÉTS  
[marie-eve.bilodeau.1@etsmtl.net](mailto:marie-eve.bilodeau.1@etsmtl.net)

Karim Blondy  
Musitechnic

Denis Bonneau  
Technologie Optic.ca  
Tel: (514) 510-8005  
[dbonneau@optic.ca](mailto:dbonneau@optic.ca)

Dominic Bourget  
DXM Technologies  
Tel : (514) 447-4860  
[dominic@dxmtech.com](mailto:dominic@dxmtech.com)

Jean-Claude Krelic  
Ross Video  
Tél.: (514) 591-0050  
[jckrelic@rossvideo.com](mailto:jckrelic@rossvideo.com)

Pierre Hugues Routhier  
Radio-Canada  
Tél.: 514 349-8152  
[pierre.hugues.routhier@radio-canada.ca](mailto:pierre.hugues.routhier@radio-canada.ca)

### Ad-Hoc Managers

Louis-Pierre Legault SRC/ CBC  
Kim Avelar  
Marcelino da Silva  
Cégep Vieux Montréal  
Pierre Marion, Consultant  
Guillaume Nyami, Student  
Polytechnique Montréal

### Canadian Governor

François Bourdua  
VS-TEK  
Tel.: (514) 214-4203  
[fbourdua.vstek@gmail.com](mailto:fbourdua.vstek@gmail.com)

## Evening Presentation Notice

**Date:** **Tuesday, March 19th, 2024**  
**Time :** **Presentations: from 13:30 to 17:00 (Registrations from 12:30 to 13:30)**  
**Happy Hour: from 17:00 to 19:00**

**Location:** **École de technologie supérieure - ÉTS**  
A-1600, pavillon A, 1st floor  
1100, rue Notre-Dame West (corner of Peel)  
Montréal (Qc) H3C 1K3

**Parking:** Access via Jean d'Estrée street, pavillon B.  
Access to pavillon A via tunnel of parking SS2.  
Cost: Around 15\$ per day.

**Public transit:** Bonaventure metro station (orange line), about a 10-minute walk

**Organized by:** Denis Bonneau - SMPTE Montréal/Québec

**Sponsored by:** SMPTE MTL, Technologie Optic.ca, GB Micro and EXFO

**Language:** French

**Presentation:** In Person

**Happy hour:** Yes

**Subject:** **Introduction to fiber optics and transceivers:  
Demystifying fiber optic communication components and their handling**

**IMPORTANT:** This free presentation, open to all, will be available in person only  
**Please register via [Eventbrite](#)**  
**Registration will close on March 15<sup>th</sup> at 17:00**

Your SMPTE-MTL committee is proud to join forces with Technologie Optic.ca, GB Micro and EXFO to present an afternoon of training on fiber optic technology and transceivers.

This course will demystify fiber optic communication components and how to handle them.

We'll start with an introduction to optical fibers, from handling to fiber types, connectors and cross-sections.

We'll then move on to the evolution of transceivers, laser types, distances and transceiver characteristics.

The next session will look at the practical application of optical fibers and transceivers, including the differences between powered links and dark fibers, and the use of optical multiplexers.

This will be followed by a presentation on the importance of cleaning to maintain optimum equipment performance, with concrete examples and an overview of the advanced cleaning and analysis tools available.

To round off this afternoon of training in style, we invite you to join us at 5:00 p.m. for a Happy Hour of networking and discussion, with complimentary food and beverages.

We look forward to seeing you there!

### Schedule for the day:

**12:30 - 13:30: Registration**

**13:30 - 13:40: Welcome and schedule presentation**

## 2023 / 2024 Season

### Chair

David Beaulieu  
Canadian Broadcasting Corp.  
Tel.: (514) 569-1786  
[david.beaulieu@radio-canada.ca](mailto:david.beaulieu@radio-canada.ca)

### Secretary – Treasurer

Jonathan Jobin  
Canadian Broadcasting Corp.  
Tel: (514) 609-4930  
[jonathan.f.jobin@radio-canada.ca](mailto:jonathan.f.jobin@radio-canada.ca)

### Past Chair

Daniel Guévin  
[emaildguevin@gmail.com](mailto:emaildguevin@gmail.com)

### Managers

Marie-Ève Bilodeau  
Student, ÉTS  
[marie-eve.bilodeau.1@etsmtl.net](mailto:marie-eve.bilodeau.1@etsmtl.net)

Karim Blondy  
Musitechnic

Denis Bonneau  
Technologie Optic.ca  
Tel: (514) 510-8005  
[dbonneau@optic.ca](mailto:dbonneau@optic.ca)

Dominic Bourget  
DXM Technologies  
Tel : (514) 447-4860  
[dominic@dxmtech.com](mailto:dominic@dxmtech.com)

Jean-Claude Krelic  
Ross Video  
Tél.: (514) 591-0050  
[jckrelic@rossvideo.com](mailto:jckrelic@rossvideo.com)

Pierre Hugues Routhier  
Radio-Canada  
Tél.: 514 349-8152  
[pierre.hugues.routhier@radio-canada.ca](mailto:pierre.hugues.routhier@radio-canada.ca)

### Ad-Hoc Managers

Louis-Pierre Legault SRC/ CBC  
Kim Avelar  
Marcelino da Silva  
Cégep Vieux Montréal  
Pierre Marion, Consultant  
Guillaume Nyami, Student  
Polytechnique Montréal

### Canadian Governor

François Bourdua  
VS-TEK  
Tel.: (514) 214-4203  
[fbourdua.vstek@gmail.com](mailto:fbourdua.vstek@gmail.com)

## Evening Presentation Notice

**13:40 - 14:15: Introduction to fiber optics**  
By Éric Pelletier of Technologie Optic.ca and Éric Charbonneau of GB Micro

This presentation will cover the delicate handling of fibers, fiber types and connectors, and cutting. It will provide a general introduction to the main aspects of fiber optic technology.

**14:15 - 15:00: Introduction to transceivers**  
By Éric Pelletier of Technologie Optic.ca and Éric Charbonneau of GB Micro

This presentation will explore the evolution of transceiver formats and speeds. It will examine laser types and distances, as well as Base-T transceivers with their features and compatibility programming, including Direct Attach Cables.

**15:00 – 15:20: Coffee Break**

**15:20 – 16:10: Fiber optics and applied transceivers**  
By François Marcotte from EXFO

This presentation will cover the differences between powered links and dark fibers, reading optical specifications with the notion of dB, and calculating optical budgets. It will also cover CWDM and DWDM optical multiplexers, as well as an overview of attenuators, amplifiers and equipment such as OLP.

**16:10 - 17:00: Dirt, impact and clean-up**  
By François Marcotte of EXFO

This presentation will highlight the importance of cleanliness and its consequences, illustrated by concrete examples with the help of a microscope. It will then outline the cleaning tools available, as well as advanced analysis tools for solving optical communication problems on a link.

**17:00 - 19:00: Networking / Happy hour**



**INTRODUCTION**  
FIBRES OPTIQUES ET  
ÉMETTEURS-RÉCEPTEURS (TRANSCIVERS)

DÉMYSTIFIER LES COMPOSANTES  
DE COMMUNICATION PAR FIBRE OPTIQUE  
ET LEUR MANIPULATION

19 mars 2024 - ÉTS

   

Version française sur document séparé

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

**NOTICE-NOTICE-NOTICE**  
**PRESENTATION OPEN TO ALL**  
**PLEASE POST... PLEASE POST... PLEASE POST**