

2024 / 2025 Season

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Frederick Vaillancourt, Novbox

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Dynamic Media Facility

An evening presented by:



MONTRÉAL / QUÉBEC 



Félix Poulin
Director, Transition to
Media-over-IP & Lab,
CBC/Radio-Canada



François Legrand
Senior Director, Engineering,
Governance and Engineering,
CBC/Radio-Canada

mai 27th, 2025
18h - 20h30, ONF

Date: **Tuesday, May 27th, 2025**

Time: **6:00 PM to 8:45 PM**

Happy Hour: **from 6:00 PM to 6:30 PM**

Location: Alanis-Obomsawin room

National Film Board of Canada

1500 Balmoral street Montreal (Quebec)

Parking: Îlot Balmoral underground pay parking (335 Mayor street)

Public transit: Place des Arts metro station

Organized by: SMPTE Montréal/Québec in partnership with the National Film Board

Sponsored by: SMPTE Montréal/Québec

Language: French

Presentation: **In Person and Virtual** ([Facebook](#))

Happy Hour: Yes

Subject: **Dynamic production infrastructures**

IMPORTANT: This presentation, open to all, will be available in person and in virtual ([Facebook](#))

Please register via [Eventbrite](#).

Registration will close at 19:00 on May 27th.

Doors will open at 5:45 PM.

Doors will close at 6:45 PM.

Your SMPTE Montreal Chapter, in partnership with the National Film Board, is proud to join Radio-Canada's François Legrand and Félix Poulin to present an evening entitled :

Dynamic production infrastructures

This evening will provide an opportunity to discover the foundations of the Dynamic Media Facility (DMF) Reference Architecture developed by the European Broadcasting Union (EBU).

Concrete application examples will also be presented, illustrating how this architecture can guide the modernization of media production environments.

Version française sur document séparé

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

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PRESENTATION OPEN TO ALL
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Evening Presentation Notice

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To find out more about the topic at the heart of this presentation, please consult the following White Paper: <https://tech.ebu.ch/publications/white-paper-2024-09-03>.

Don't miss it!

For more details, please consult the Evening Notice.

Your SMPTE-Montreal Committee

Evening Schedule:

5:45 PM.: Doors open (at 1500 Balmoral)
6:00 PM. - 6:30 PM.: Networking: appetizers and drinks will be offered
6:30 PM. - 6:40 PM.: Welcoming address
6:45 PM.: Doors close
6:40 PM. - 6:45 PM.: Practical application of the EBU reference architecture for dynamic media installations - François Legrand & Félix Poulin - CBC/Radio-Canada

Modernizing the Canadian Broadcast Centre in Toronto

This presentation will be divided into two parts:

- Presentation of the EBU Reference Architecture: a framework designed to guide the transformation of media production infrastructures towards more flexible, interoperable and sustainable environments (Félix Poulin).
- Practical application: CBC/Radio-Canada will explain how this architecture is being integrated into its ambitious project to modernize its Toronto production center (François Legrand).

7:30PM. - 7:45 PM.: Break
7:45PM. - 8:30 PM.: Presentation continued
8:30PM. - 8:45 PM.: Question period

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Biography :



François Legrand - Radio-Canada **Senior Director, Engineering | Governance and Engineering**

François Legrand joined CBC/Radio-Canada in 2004 as a systems designer.

Early in his career, he was involved in numerous projects, including the design of digital, television and radio systems.

He subsequently held several management positions, coordinating the technological development of Quebec's regional stations and the transition of national news programs to automated production.

As Senior Director of Engineering, he oversaw the transition to IP/ST2110 technology at Radio-Canada's new home in Montreal and is now focusing on the transition to software-based media production solutions.

Passionate about 3D printing, CNC machining and electronics, he is a mentor on the FIRST 9234 - Les aigles d'or robotics team.



Félix Poulin, Director - CBC/Radio-Canada **Media-sur-IT & Technology Lab**

Félix Poulin has led CBC/Radio-Canada's Media-over-IT architecture team and Technology Lab since 2017, where he is involved in projects to transition to these new technologies.

Previously, he was Senior Expert in Media-over-IP at the European Broadcasting Union (EBU/EBU). In this capacity, he led the reference architecture work of the Joint Taskforce on Networked Media (JT-NM), took part in the standardization of SMPTE ST 2110 and in the first proofs of concept for IP-based control rooms.

He graduated in electrical engineering from Polytechnique Montréal, completing his final thesis at the Massachusetts Institute of Technology.

Mr. Poulin is Co-Chairman of the EBU Dynamic Media Facility (DMF) group, holds the position of Chairman of the Networked Media Open Specifications (NMOS) Steering Committee, sits on the Board of Directors of the Advanced Media Workflow Association (AMWA) and is a Fellow of the SMPTE.

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