



January 2020 Newsletter



The year 2020 will be dedicated to our annual theme "Digital Transformation and Artificial Intelligence" with several activities and conferences organized around this theme.

Save the dates!

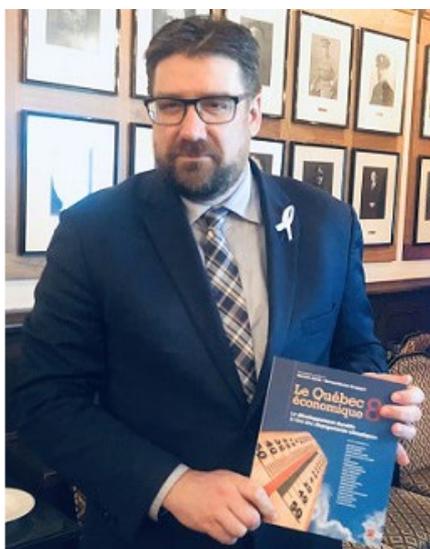
- February 6, 2020: CIRANO – ADRIQ-RCTi Innovation Forum, "Humans at the Centre of the Digital Transformation"

- February 11, 2020: Conference organized by the Club de science et de données of HEC Montréal, "Data Science Edition 2020".
- February 19, 2020: First meeting of the 2019 Cohort of Avant-Garde@CIRANO.
- February 21, 2020: Seminar by JoAnne Labrecque (HEC Montréal), "Competitiveness of the Agri-food Sector in the Age of E-Commerce".
- March 11, 2020: 2020 Conference of the CIRANO Pole on the Socio-Economic Impacts of Digital and Innovation and AI and keynote lecture by Avi Goldfarb (University of Toronto), "Is Machine Learning a General Purpose Technology? Evidence from Online Job Postings"
- ... and other events to be announced later this year.

[More information](#)

A LOOK BACK ON OUR EVENTS

Presentation of the book *Le Québec économique 8* during an event of the Association des économistes québécois



On December 5, 2019 at the Quebec Garrison Club, **Marcelin Joanis**, Vice President for Research and Researcher in charge of the "Le Québec économique" project at CIRANO and Full Professor at Polytechnique Montréal, and **Jean-Claude Cloutier**, Economist and contributor to the writing of the book *Le Québec économique 8*, presented the book recently published by CIRANO: ***Le Québec économique 8 : Le développement durable à l'ère des changements climatiques***.

→ [More information](#)

Conference: Applications of Artificial Intelligence for Products and Technologies - From Silicon Valley to Quebec



On December 3, 2019, at Polytechnique Montréal, CIRANO, the Arbour Foundation and Polytechnique Montreal organized a conference on the theme "Applications of Artificial Intelligence for Products and Technologies - From Silicon Valley to Quebec", presented by **Rubén Caballero, Former Vice-President of Engineering at Apple**.

Following the presentation, **Thierry Warin**, CIRANO

Researcher and Fellow, and Director of the SKEMA Global Lab in Augmented Intelligence, lead the discussion.

→ [More information](#)

OUTREACH

Several CIRANO Researchers participated in the American Economic Association Annual Meeting



Several CIRANO Researchers participated in the American Economic Association Annual Meeting held between January 3 and 5, 2020 in San Diego. The AEA, in conjunction with 61 associations in related disciplines known as the Allied Social Science Associations (ASSA), holds a three-day meeting each January to present papers on general economics topics.

[More information](#) →

Nathalie de Marcellis-Warin invited to participate in a workshop on the utility of evidence-based knowledge in municipal policy



On December 17, 2019, Nathalie de Marcellis-Warin, CIRANO CEO and Full Professor at Polytechnique Montréal, was invited by Quebec Chief Scientist Rémi Quirion and the Fonds de recherche du Québec to participate in a workshop in scientific council with elected officials of the City of Montreal on the usefulness of evidence in municipal policy.

[More information](#) →

Presentation of the MegBec multiregional model of Quebec at the Ministère des Finances du Québec

In December 2019, André Lemelin, Honorary



Professor at National Institute of Scientific Research (INRS) and Researcher for the CIRANO Pole in modeling the Quebec economy, and Véronique Robichaud, economist, presented their research on the use of the MegBec multiregional model of Quebec to the team from the Direction de la modélisation, de l'analyse économique et des impacts climatiques of the Ministère des Finances du Québec.

[More information](#) →

RESEARCH



Julien Martin, Associate Professor at ESG-UQAM and CIRANO Researcher and Fellow, published in *Journal of International Economics*

- « Volatility in the small and in the large: The lack of diversification in international trade », *Journal of International Economics*, Volume 122, January 2020. [Article](#)
- [Tribune on VoxEU related to this article](#)

UPCOMING EVENTS

BOURSTAD Stock Market Challenge 2020 – Launch of the registration campaign

 Monday, January 13, 2020

CIRANO and its main partner for this activity, Autorité des marchés financiers, will launch the registration campaign in the 33rd edition of the BOURSTAD Stock Market Challenge. The challenge is taken each year by thousands of participants (students and general public) who manage a virtual portfolio of \$ 200,000 and invest this amount in various investment vehicles. *By invitation only.*

[MORE INFORMATION](#)

Seminar: Why are the Performances and Cognitive Achievements of Pupils in the Maghreb Weak?

 Tuesday, January 21, 2020

Mohamed Ayadi, Professor of Economics at the Institut Supérieur de Gestion (ISG) at the University of Tunis and visiting researcher at CIRANO, will present his work on the performances and cognitive achievements of pupils in the Maghreb. *Conference organized with the Observatoire de la Francophonie économique de l'Université de Montréal.*

[INFORMATION AND REGISTRATION](#)

Seminar: Canadian Macroeconomic Uncertainty: Measurement, Evaluation and Impacts on Investment

 Tuesday, January 28, 2020

Kevin Moran, Associate Professor at Université Laval, CIRANO Researcher and Fellow, and Dalibor Stevanovic, Associate Professor at ESG UQAM, CIRANO Researcher and Fellow, will present the results of the CIRANO report "Incertitude macroéconomique canadienne : mesure, évaluation et effets sur l'investissement" (co-written with Adam Kader Touré).

[INFORMATION AND REGISTRATION](#)

CIRANO – ADRIQ-RCTi Innovation Forum: Humans at the Centre of the Digital Transformation

📅 Thursday, February 6, 2020

On February 6, CIRANO and ADRIQ-RCTi are jointly organizing a Forum on the theme of "Humans at the Centre of the Digital Transformation". The topics covered will be skills development, training issues in the workplace, measures to help and support companies as well as factors favouring the digital transformation of companies.

[INFORMATION AND REGISTRATION](#)

CEO Seminar: Richard Payette

📅 Monday, February 10, 2020

Mr Richard Payette, President and Chief Executive Officer of Manulife Quebec from September 2016 to December 2019, will share his experience during a networking reception gathering researchers and business people. The presentation will be followed by a networking cocktail. *By invitation only.*

[MORE INFORMATION](#)

RECENT PUBLICATIONS

Project Report

Compétitivité du secteur agroalimentaire à l'heure du commerce électronique

(Maurice Doyon, Geneviève Dufour, Raymond Dupuis, JoAnne Labrecque)

Working Papers

Towards a New Era in Road Pricing? Lessons from the Experience of
First Movers
(Jean-Philippe Meloche)

La tarification routière au Québec - Quelles leçons tirer de l'expérience
des précurseurs ?
(Jean-Philippe Meloche)

Canadian Gender Gap in Financial Literacy: Confidence Matters
(Raquel Fonseca Benito, Simon Lord)

CEO Pay in Perspective
(Marcel Boyer)

Polygraphie du chômage des jeunes au Québec et au Canada (1998-
2018)
(Louis Cornelissen, Mircea Vultur)

Can Wage Setting Process for Canadian Nurses Explain Regional
Shortage in this Occupation?
(Ruolz Ariste, Ali Béjaoui)

Factors Explaining the Hypothetical Bias: How to Improve Models for
Meta-analyses
(Baoubadi Atozou, Stéphane Bergeron, Maurice Doyon, Lota Tamini)

Vertically Differentiated Cournot Oligopoly: Effects of Market
Expansion and Trade Liberalization on Relative Markup and Product
Quality
(Ngo Van Long, Zhuang Miao)

[ALL PUBLICATIONS](#)

