



## December 2017 Newsletter

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# Best Wishes

On behalf of the entire CIRANO team, I would like to wish you health, happiness, and prosperity in the year 2018!

**Nathalie de Marcellis-Warin**  
President and Chief Executive Officer

## News

 **Case study**



# FinÉcoLab

## CIRANO's Educational App FinÉcoLab: A Fun and Effective Way to Transform Economics Education

This is the conclusion of a report presenting an evaluation of **FinÉcoLab** that was recently received by CIRANO. Among other things, the educational game FinÉcoLab—targeted at students in their last year of high-school and in CEGEP—allows them to learn various concepts from economics and finance while having fun as they play with different simulations and engage with interactive economic literacy learning tools. The purpose of this study was to obtain a better overview of the benefits inherent in using the educational app FinÉcoLab, which can be run on computers or tablets. The study's author, Thierry Karsenti, holds the Canada Research Chair on Information and Communication Technologies (ICTs) in education. On the basis of his work, which includes a case study conducted in a secondary school in the Montreal region, he finds that FinÉcoLab allows a variety of concepts associated with economics and finance to be learned in a fun, stimulating, meaningful, and practical setting.

[READ THE FULL REPORT](#)



Teachers' perceptions  
of FinÉcoLab



Students' perceptions  
of FinÉcoLab



The Forum for the responsible development of artificial intelligence was held on November 2, 3, 2017, at the *Palais des congrès de Montréal* (Montreal Convention Centre). CIRANO was a partner in this gathering of researchers, the public, and professionals.

**A Panel on Labour Market and Educational Systems:** During the Forum Nathalie de Marcellis-Warin, President and CEO of CIRANO, presided over a **panel** on labour market and educational systems in an environment of technological revolution. Benoit Dostie, professor at HEC Montreal and CIRANO fellow, was a panelist.

**A booth presenting research on Social Data Science:** For the

entire time of the Forum, a CIRANO team staffed a booth allowing visitors to the Forum to explore CIRANO's most recent research in the use of data science for the social sciences.

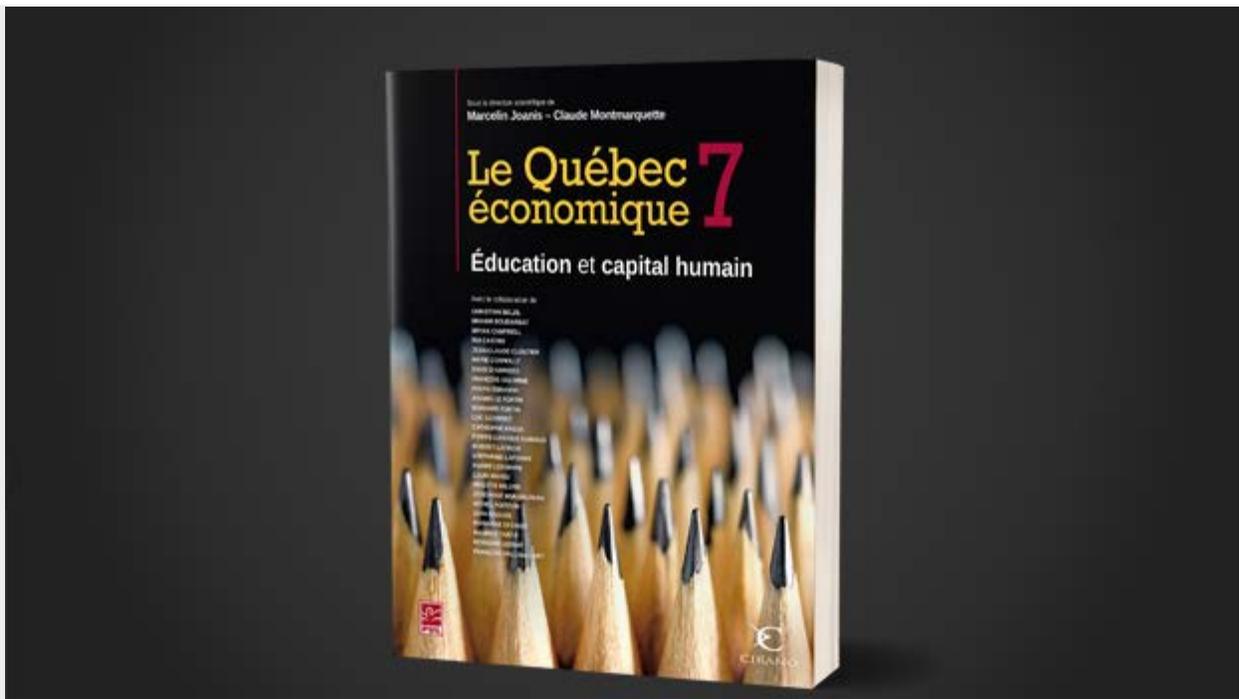
**Monitoring discussions about AI on Twitter [#FIAresponsible: How is artificial intelligence perceived on social networks?](#)** Under the supervision of Thierry Warin, professor at HEC Montreal and CIRANO fellow, CIRANO monitored conversations about artificial intelligence on social media. The purpose of this study was to understand individuals' perceptions of artificial intelligence and the issues that arise in conversations on social networks. The most frequently recurring topics included the impact on employment and applications of IA in the healthcare system and smart cities. A summary of the research was presented in plenary session with all Forum participants.



**Continue participating in the #FIAresponsible discussion!**

This Forum made possible the launch of a period of collaborative drafting of **The Montreal Declaration for a Responsible Development of Artificial Intelligence**, in which CIRANO participates, notably with its analysis of conversations on social media.

**Coming events**



## Launch of the Book *Le Québec Économique 7: Éducation et capital humain*

📅 Tuesday, January 30, 2018

In its seventh edition, *Le Québec économique* focusses on the challenges facing Quebec's education system today. This book takes a detailed look at a series of economic issues. The financing of higher education, the performance of the educational network, and private and public returns to education are examined by a team of 28 researchers from CIRANO and elsewhere, all of whom are established experts in their field.

*Le Québec économique 7* was compiled under the direction of Marcelin Joanis, Vice President Research – Government partners, and Claude Montmarquette, CIRANO fellow.

CIRANO invites you to attend a seminar on January 30, 2018 on the occasion of the book launch. Mark that date!

FOR MORE INFORMATION →



## Leadership Forum “Challenges and Opportunities for Quebec’s Food Industry: Let’s Take the Lead Together!”

*Organized by CIRANO and NSF International, in collaboration with the Conseil de la transformation alimentaire du Québec (CTAQ)*

 Thursday, February 1, 2018

A day of conferences to identify broad trends in the agri-food sector and remain abreast of innovations thanks to the insights of industry insiders and researchers. A unique encounter you do not want to miss.

[PROGRAM AND REGISTRATION](#) →

## A look back at our events

CIRANO hosted three international research workshops this fall.

## 6th Annual Workshop on Networks in Trade and Finance

A joint project of CIRANO and the University of Arkansas' Sam M. Walton College of Business, the 6th Annual Workshop on Networks in Trade and Finance took place on September 29 and 30, 2017. This workshop strove to meet a number of goals: promoting the interdisciplinary exchange of ideas and methods, demonstrating the value of the “network” approach, and exploring the potential of concrete applications of this approach to finance and international affairs.

PRESENTATIONS AVAILABLE ONLINE →

## The Economics of Strategic Communication and Persuasion: Application to Ethics and Incentives in Scientific Research

Jointly organized by CIRANO, CIREQ and CIRPÉE, this conference, which was held on October 28, 2017, assembled researchers around a program centred on the economics of persuasion and communications, with applications to political economy.

PRESENTATIONS AVAILABLE ONLINE →

## Fourth North American Workshop on Cultural Economics International

This conference, jointly organized by CIRANO and the Association of Cultural Economics International, occurred on November 2, 3, and 4, 2017, on the premises of CIRANO. This North-American workshop strives to provide a forum for developing and disseminating economic research in cultural economics.

PRESENTATIONS AVAILABLE ONLINE →

# Latest publications

**Part des activités cliniques et non cliniques réalisées par les médecins et infirmières** (Roxane Borgès Da Silva, Carl-Ardy Dubois and Marjolaine Hamel)

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**Productions sans quota et commercialisation en circuits courts Statut et enjeux** (Patrick Mundler, Daniel-Mercier Gouin, Silvia Dominguez, Samuel Godefroy, Sophie Laughrea and Simone Ubertino)

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**Challenges and Pitfalls in Cartel Policy and Fining** (Marcel Boyer, Anne Catherine Faye and Rachidi Kotchoni)

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**Whistle While You Work: Job Insecurity and Older Workers' Mental Health in the United States** (Italo A. Gutierrez and Pierre-Carl Michaud)

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**Supply Uncertainty and Foreign Direct Investments in Agri-food Industry** (Mankan M. Koné, Carl Gagné and Lota Dabio Tamini)

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**Duopolistic Competition and Optimal Switching Time from Export to FDI in Uncertainty** (Mankan M. Koné, Carl Gagné and Lota Dabio Tamini)

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**Long-Run Market Configurations in a Dynamic Quality-Ladder Model with Externalities** (Mario Samano and Marc Santugini)

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**The Social Preferences of Democratically Elected Decision Makers and the Conflict Between Wealth Generation and Distribution** (Alexia Gaudeul and Claudia Keser)

[VIEW ALL PUBLICATIONS](#)

