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## Newsletter - March 2023

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### Improving Skills in Mathematics in Quebec



CIRANO and the [Centre de recherches mathématiques](#) (CRM) are partners in **En avant math!**, a national initiative to promote mathematics and increase numeracy.

Over the past three years, several studies have identified possible solutions to ensure the development of a highly

# Improving Skills in Mathematics in Quebec

qualified workforce in applied mathematics and to promote a better match between the skills of individuals and the needs of the labour market, particularly in the science, technology, engineering and mathematics sectors.

In this issue of CIRANO's [PERSPECTIVES](#), the authors present the main lessons learned from the first phase of **En avant math !**

→ [Read the article in PERSPECTIVES](#)

→ [View the full report](#)

## CIRANO NEWS

### **CIRANO is pleased to contribute to the Quebec Innovation Barometer**



The Quebec Innovation Barometer aims to draw a portrait of innovation in all its forms and to follow its evolution through interactive data, studies and relevant analyses. CIRANO is proud to contribute to the development of this tool based on four pillars: economy, employment and human capital, environment and social innovation. Several CIRANO researchers have participated in the production of two publications on labour and human capital and on the economy.

[Read more](#) →

# CIRANO NEWS

## The various facets of hybrid work: First results of a longitudinal survey on job performance and satisfaction



A CIRANO team composed of Ali Béjaoui, professor at the Université du Québec en Outaouais, Sylvie St-Onge, professor at HEC Montréal, Ingrid Peignier, CIRANO's Senior Director of Partnerships and Research Valorization and Felix Ballesteros Leiva, professor at Laval University, is conducting a study that provides evidence to help employers in their decision-making regarding work organization. The first results of the first phase of the project, based on data collected from over 10,000 employees in Quebec, were published in a CIRANO's PERSPECTIVES. The survey is continuing with a second phase of collection.

[Read more →](#)

## 2023 Fiscal Policy Challenge: One month left to participate!



Each year, CIRANO, in collaboration with the Ministère des Finances du Québec, proposes an academic competition aimed at finding innovative and rigorous solutions to current public policy issues. This year's theme is the potential of innovation, the deadline for registration and submission of the essay is March 31, 2023, don't wait anymore!

[Read more →](#)

# OUTREACH

# OUTREACH

## **Effrosyni Diamantoudi is named Concordia's dean of graduate studies**



Congratulations to Effrosyni Diamantoudi, Professor in the Department of Economics at Concordia University, Fellow and CIRANO Board Member on her appointment as Dean of Graduate Studies at Concordia University! Prof. Diamantoudi has been Interim Dean of Graduate Studies since February 2020, she will assume the position of Dean for a five-year term beginning February 17, 2023.

[Read more](#) →

## **Benoit Dostie, Member of the Canadian Statistical Advisory Council**



Benoit Dostie, Professor at HEC Montreal, Fellow and Principal Researcher of the CIRANO Innovation and Digital Transformation theme has been appointed to the Canadian Statistics Advisory Council for a three-year term. The Council's mandate is to provide transparent advice to the minister of Innovation, Science and Industry and the Chief Statistician of Canada on the overall quality of the national statistical system.

[Read more](#) →

## **Martino Pelli's podcast on « Counter-intuitive Fuelwood Collection Behaviour »**



Martino Pelli, Associate Professor and Chair of the Department of Economics at the University of Sherbrooke, Fellow and Principal Researcher of the CIRANO Sustainable Development and Agribusiness theme discussed his paper « The effect of forest



## OUTREACH

access on the market for fuelwood in India », co-authored by Branko Boskovic, Ujjayant chakravorty, and Anna Risch, in a 40-minute podcast on ERGS and Equilibrium.

[Read more](#) →

### **Publication by Raquel Fonseca and Pierre-Carl Michaud in the Journal of Political Economy**



Congratulations to Pierre-Carl Michaud, Professor HEC Montreal and Raquel Fonseca, Professor ESG UQAM, both researchers and CIRANO Fellows, for their upcoming publication in the Journal of Political Economy. The study "Understanding Cross-country Differences in Health Status and Expenditures: Health Price Matters", co-authored by Raquel Fonseca, Francois Langot, Pierre-Carl Michaud and Thepthida Sopraseuth, shows the importance of price distortions in explaining differences in health and health care spending across countries.

[Read more](#) →

## UPCOMING EVENTS

### **External activity: Book launch « L'équilibre énergétique »**

 Monday, March 6, 2023

The Chair of Energy Sector Management invites you to the Book Launch « L'équilibre énergétique » by Pierre-Olivier Pineau, professor at HEC Montreal and CIRANO researcher and Fellow. The event will take place on March 06, 2023 at HEC Montreal, National Bank Amphitheatre.

# UPCOMING EVENTS

Registration is free but mandatory.

## INFORMATION AND REGISTRATION

### **Bourstad Webinar: Sustainable Investment in the Bourstad Challenge**

 Monday, March 6, 2023

In this webinar, Thomas Estinès, co-director of the Responsible Investment Group (RIG), will present shareholder proposals, a responsible investment strategy that RIG has been practicing for many years. Michel Magnan, CIRANO Fellow and professor at Concordia University will present the extra-financial risks (ESG) that allow to measure the sustainability of investment products offered to individual investors.

## INFORMATION AND REGISTRATION

### **Bourstad Webinar: Sustainable Investment in the Bourstad Challenge**

 Thursday, March 9, 2023

In this webinar, Thomas Estinès, co-director of the Responsible Investment Group (RIG), will present shareholder proposals, a responsible investment strategy that RIG has been practicing for many years. Michel Magnan, CIRANO Fellow and professor at Concordia University will present the extra-financial risks (ESG) that allow to measure the sustainability of investment products offered to At the beginning of the webinar, Paul Bourget, director of the Bourstad project at CIRANO, will describe the Responsible Investing component of the Bourstad competition.

## INFORMATION AND REGISTRATION

# UPCOMING EVENTS

## **CIRANO-CIREQ Workshop on Environmental and Natural Resource Economics**

 Friday, March 10, 2023

This workshop is addressed to researchers and PhD students in economics interested in natural resource and environmental economics. The March 10 workshop will feature Louis Hotte, professor, University of Ottawa and Moubarak Mondou, PhD, Université Laval.

INFORMATION AND REGISTRATION

## **Bourstad webinar: Challenges and Opportunities in Supply Chain Management**

 Tuesday, March 14, 2023

This webinar will start with a presentation of 2 basic concepts in supply chain management: the industrial structure and the value chain. Experts Thierry Warin, Professor HEC Montreal and CIRANO Fellow and Paul Bourget, CIRANO Project Director will then address the current challenges of supply chain management whose vulnerability has been highlighted by events.

INFORMATION AND REGISTRATION

## **External Activity: SUV Purchase Motivations and Usage Across Canada (français)**

 Tuesday, March 21, 2023

Light trucks are increasingly present in Quebec and elsewhere in Canada. Équiterre mandated CIRANO to explore what motivates people to buy this type of vehicle, the typical profile of buyers and the actual use they make of their vehicle. During this conference, Ingrid Peignier, Senior Director of Partnerships and Research Valorization CIRANO researcher will explain the highlights of the CIRANO study on the motivations for light truck

# UPCOMING EVENTS

purchases in Canada and possible interventions to reverse the trend.

INFORMATION AND REGISTRATION

## **Women in Economics**

 Thursday, March 23, 2023

The Department of Economics of Laval University, in collaboration with CIRANO, invites you to the second edition of the event "Women in Economics". The event will take place on March 23 and 24, 2023 in the presence of Marlène Koffi, Assistant Professor at the University of Toronto.

INFORMATION AND REGISTRATION

## **CIRANO-CIREQ Workshop on Environmental and Natural Resource Economics**

 Friday, March 24, 2023

This workshop is addressed to researchers and PhD students in economics interested in natural resource and environmental economics. The March 24 workshop, in memory of professor and researcher Ngo Van Long, will host Cees Withagent, Professor Emeritus at the University of Amsterdam and Geir Asheim, Professor at the University of Oslo.

INFORMATION AND REGISTRATION

## **Launch of the book « La sous-scolarisation des hommes et le choix de profession des femmes »**

 Tuesday, March 28, 2023

After paying tribute to Claude Montmarquette, co-author of this book, Robert Lacroix, Catherine Haeck and Richard E. Tremblay will present their



# UPCOMING EVENTS

latest book entitled *La sous-scolarisation des hommes et le choix de profession des femmes*.

INFORMATION AND REGISTRATION


## **External Activity: SUV Purchase Motivations and Usage Across Canada (english)**

 Tuesday, March 28, 2023

Light trucks are increasingly present in Quebec and elsewhere in Canada. Équiterre mandated CIRANO to explore what motivates people to buy this type of vehicle, the typical profile of buyers and the actual use they make of their vehicle. During this webinar, Verena Gruber, Associate Professor at Emlyon business school and CIRANO researcher will explain the highlights of the CIRANO study on the motivations for light truck purchases in Canada and possible interventions to reverse the trend.

INFORMATION AND REGISTRATION

## **Thematic Year Symposium: Tackling the Challenges of Supply Chains**

 Thursday, March 30, 2023

We are pleased to organize our annual colloquium which will bring together CIRANO's principal researchers of the Pole on Data Science for Trade and Intermodal Transport, as well as representatives from Transport Canada, Global Affairs Canada, the Quebec Ministry of Transport and Sustainable Mobility. We will also have the pleasure to welcome players from the ecosystem including Armateurs du Saint-Laurent, Cargo-M, Port of Montreal, Manufacturiers Exportateurs du Québec, SODES and others.

INFORMATION AND REGISTRATION

# UPCOMING EVENTS

## **External Activity: GRCH-OPES Workshop**

 Friday, April 14, 2023

The Research Group on Human Capital will hold its sixth workshop in collaboration with the Observatory for children's education and health (OPES) on Friday, April 14, 2023, at the University of Quebec in Montreal. It's organized by Catherine Haeck and Marie Connolly, both professors at ESG UQAM, researcher and CIRANO Fellow as with Sylvana Côté and Andrei Munteanu.

INFORMATION AND REGISTRATION


## **CIRANO-CIREQ Workshop on Environmental and Natural Resource Economics**

 Friday, April 14, 2023

This workshop is addressed to researchers and PhD students in economics interested in natural resource and environmental economics. This interdisciplinary day on April 28, 2023 will host 6 presentations on the theme of environmental justice: Kian Mintz-Woo (University of Cork), Shi-Ling Hsu (Florida State University), James Konow (Loyola Marymount University), Hiên Pham (UQAM) and Chris Timmins (Duke University).

INFORMATION AND REGISTRATION

## **Special CIRANO partner workshop on behavioral and experimental economics**

 Wednesday, April 19, 2023


As part of the workshop: Behavioral and Experimental Economics for Innovative Policy Making, CIRANO organizes a special activity reserved for his partners on April 19, 2023. During this activity, different applications in experimental economics will be presented and the first Claude Montmarquette Fellowship will be awarded to the recipient followed by a

# UPCOMING EVENTS

reception.

INFORMATION AND REGISTRATION

## **Workshop: Behavioral and Experimental Economics for Innovative Policy-Making**

 Thursday, April 20, 2023

To pay tribute to Claude Montmarquette, Emeritus Professor at the Université de Montréal, CIRANO founder, researcher and Fellow and the econometrician who brought experimental economics to Quebec we organize a two days workshop on behavioral economics and public policy on April 20 and 21, 2023. This workshop will bring together leading researchers and practitioners from different universities and sectors, to share their latest research and thinking on behavioral public economics.

INFORMATION AND REGISTRATION

## **CIRANO-CIREQ Workshop on Environmental and Natural Resource Economics**

 Friday, April 28, 2023

This workshop is addressed to researchers and PhD students in economics interested in natural resource and environmental economics. This interdisciplinary day on April 28, 2023 will host 6 presentations on the theme of environmental justice: Kian Mintz-Woo (University of Cork), Shi-Ling Hsu (Florida State University), James Konow (Loyola Marymount University), Hiên Pham (UQAM) and Chris Timmins (Duke University).

INFORMATION AND REGISTRATION

# A LOOK BACK ON OUR EVENTS

## **Bourstad Webinar: The basics of investing in the stock market**

 Tuesday, February 7, 2023

INFORMATION AND RESOURCES

## **External Activity: « Celebrating Women's Success in STEM Symposium »**

 Thursday, February 9, 2023

INFORMATION

## **CIRANO-CIREQ Workshop on Environmental and Natural Resource Economics**

 Friday, February 10, 2023

INFORMATION

## **The various facets of remote work: First results of a longitudinal survey on job performance and satisfaction**

 Wednesday, February 15, 2023

# A LOOK BACK ON OUR EVENTS


INFORMATION AND RESOURCES

## **Bourstad Webinar: Portfolio management in a Bourstad Simulation**

 Thursday, February 16, 2023

INFORMATION AND RESOURCES

## **Bourstad Webinar: Portfolio management in a simulation Bourstad**

 Tuesday, February 21, 2023

INFORMATION AND RESOURCES

# PUBLICATIONS

Working Papers

ALL PUBLICATIONS

# PUBLICATIONS

**Evaluating the relationship between income, survival and loss of autonomy among older Canadians** (Marie Connolly, Akakpo Domefa-Konou, Marie-Louise Leroux)

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## Perspectives

**Les diverses facettes du travail hybride: Premiers résultats d'une enquête longitudinale sur la performance et la satisfaction au travail** (Ali Béjaoui, Sylvie St-Onge, Ingrid Peignier, Felix Ballesteros Leiva)

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**Améliorer les compétences en mathématiques au Québec: Cinq recommandations tirées d'En avant math !** (Nathalie de Marcellis-Warin, Molivann Panot, Genevieve Dufour, Louise Poirier)

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## Project Reports

**État des lieux et recommandations stratégiques pour favoriser le développement des talents en mathématiques au Québec** (Nathalie de Marcellis-Warin, Genevieve Dufour, Molivann Panot, Louise Poirier)

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ALL PUBLICATIONS

