

# Academic CV

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## Thierry Warin, PhD

**Full Professor, Professorship in Data Science for International Business**

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**Citizenships:** France and USA

### Research IDs

- ORCID: 0000-0002-5921-3428
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### Current positions and affiliations - Emploi actuel et affiliations

- **HEC Montréal** (Canada, 2013-), Full Professor (2018-), department of International Business, Professorship in Data Science for International Business (2016-), Associate Professor (2013-2018)
- **Harvard University** (2015-) Microeconomics of Competitiveness (MOC) Network Faculty Affiliate (ISC, **Harvard Business School**, 2016-)
- **CIRANO** (Canada, 2000-), Fellow ; **CERIUM** (University of Montréal) (Canada, 2013-), Researcher ; **European Union Center of Excellence (EUCE)** McGill University-University of Montreal (Canada, 2013-), Researcher and member of the steering committee
- **International Trade and Finance Association** (USA, 2019-) President

### Past positions - Anciens emplois

- **Harvard University** (USA, 2015-2017), Visiting Scholar, Weatherhead Center for International Affairs
- **CIRANO** (Canada, 2012-2016), Vice-president Strategy and International Economics, founder of the Ambassador's Alliance (with C. Montmarquette & J. Parisella), editor-in-chief of Le Québec International (with B. Sinclair-Desgagné & A. Van Assche), co-founder of Avant-Garde for Young Leaders (2015-), co-founder of CIRANO-Harvard Club Seminar (2014-2018)
- **Skema Business School** (Raleigh, NC, 2019-2020), Founder of the Skema Global Lab in Augmented Intelligence.
- **Group of Twenty (G20)** (Japan, 2018-2019), Member of the G20-T20 Task Force on "International Financial Architecture"
- **Sun Yat Sen University** (Guangzhou, China, 2013-2014), Academic Director & Visiting Professor (SIE program)
- **Polytechnique Montréal** (Canada, 2010-2013), Associate Professor of international and financial economics, Head of the International Projects program, co-founder of the Global Management of Technology research group (GMT Lab), founder of PolyFinances (\$50,000 investment fund, member of the board, New York, Washington D.C., Boston, San Jose and London campuses) and Academic Supervisor of PolyMonde (Europe, South Africa and Australia campuses)

- **Middlebury College** (USA, 2001-2012): Associate Professor of economics (2006-2012), Assistant Professor (2001-2006), Director of the International Studies Program (2008-2010), Director of the International Politics and Economics Program (2006-2008), member of the Monterey Institute of International Studies - Middlebury College integration committee
- **University of International Business and Economics** (Beijing, China, 2011), Visiting Professor (SIE summer program)
- Fellow, **Salzburg Global Seminar** (2009-2011): “The search for stability: financial crisis, major currencies and a new monetary order”; “What Turkey, What Europe?”; “New rules for global finance: Which kinds of regulation are useful and which are counterproductive?”; “Gaps in the ‘Common Spaces’? The Future of Russia-EU Relations”
- **Harvard University** (USA, 2004-2005), Fellow, Minda de Gunzburg Center for European Studies
- Lecturer: HEC Business School (Paris, France) (1997-2000), Essec Business School (Paris, France) (1997-2000), University of La Sorbonne Paris-I (Paris, France) (1997-2000), HEC Montréal (Canada) (2000-2001), école Polytechnique de Montréal (Canada) (2000-2001)
- Post-doc at Cirano (Centre for Interuniversity Research and Analysis on Organizations - Montréal, Canada) (2000-2001) and Créfé (University of Québec at Montréal, UQAM, Canada) (2000-2001)

#### **Education and professional development - Formation initiale et continue**

- **Harvard Business Analytics Program** (2019-2020), Harvard University (USA)
- **Harvard University** Geographic Information Systems Institute, the Center for Geographic Analysis’ Technical Workshops (2015-2016) and Harvard Business Publishing Teaching Case Method I & II, Teaching Case Online (2015-2017-2019)
- **Essec Business School**, Paris, France - PhD in Monetary Economics and Finance, (2000), Title: “Central Banks’ Credibility and Monetary Discipline, An Open Economy Model”, Ph-D Thesis Advisor: André Fourçans, Professor of Monetary Economics and Finance, Highest Honors

#### **Professional affiliations - Membre d’associations professionnelles**

- Analytics Impact Network, Council for European Studies, International Studies Association, Academy of International Business, International Trade and Finance Association, International Atlantic Economic Society, American Economic Association, EUSA-C, Association of Computing Machinery (Greater Boston Chapter)

#### **Volunteer activities - Activités bénévoles**

- President and co-founder of the NGO Ed’ Haiti (France & Québec, 2010-)
- Institut des Sciences, des Technologies et des études Avancées d’Haiti (ISTEAH) (March 2014-), Adjunct Professor
- Harvard University Global System, member of the International Board of Advisors (2016-)

#### **Journal board Member - Direction ou membre d’un comité de rédaction de revue**

- Plos One, Academic Editor, 2018-present
- International Journal of Economics and Business Research, Member of the board of editors, 2007-present
- Global Economy Journal, Member of the board of editors, 2017-present

#### **Data Science Platform and Software Development**

- “spiR: An R Package for the Social Progress Index” *CRAN-R Project* <https://doi.org/10.6084/m9.figshare.11421573>, January 23, 2020
- “statcanR: Client for Statistics Canada’s Open Economic Data” (with Le Duc, R), *CRAN-R Project* <https://doi.org/10.6084/m9.figshare.10544735>, Dec. 13, 2019
- [www.nuance-r.com](http://www.nuance-r.com)
- [www.mondo.international](http://www.mondo.international)
- [www.blackfin.international](http://www.blackfin.international)

- Social data science lab @CIRANO
- DrHECtoR @HEC\_Montreal
- Harvard Business School HBAP Ideation: Qangaroo Project

## Peer-reviewed publications - Articles avec comités de lecture

### Data Science and Predictive Modelling for Global Transformations

- “Shale Gaz Extraction in the U.S.: Perspectives from Geo-Located Twitter Conversations” (with Backus, A.; de Marcellis-Warin, N.), *in progress*
- “Hukou System, Access to Health Services and Health Outcomes: A Machine Learning Approach Applied to Rural-Urban Migration in China” (with Bengoa, M.), *in progress*
- “Data Science and Higher Education: A Survey of Canadian Students” (with de Marcellis, N), *in progress*
- “Refugee Crisis in Europe on Social Media” (with Stojkov, A.), *in progress*
- “spiR: an R package to access social progress data”, *in progress*
- “Data Science and Strategic complexity” (with Bisson, C.), *in progress*
- “Patent Relatedness and Velocity in the Chinese Pharmaceutical Industry: A Dataset of Jaccard Similarity Indices” (with Vorreuther, C.), *submitted*
- “Digital Democratization: The Case of Environmental Risk Management in Haiti” (with de Marcellis-Warin, N., Munoz, J. M., Warin, H.), *submitted*
- “Tech Competition Simulation”, *submitted*
- “Access Statistics Canada’s Open Economic Data for Statistics and Data Science Courses”, *submitted*
- “Hacking Health Covid-19: An Online Data Science Course-Project”, *submitted*
- “Text-as-Data Analysis of Populist Parties versus Government Parties: To Blend or not to Blend?” (with Sanger, W.; de Marcellis-Warin, N.), [Appendices here], *R&R*
- “Nigeria’s 2015 Presidential Election: A Spatial and Econometric Perspective based on a Framing Strategy” (with Sanger, W.), *R&R*
- “Global Research on Coronaviruses: An R Package”, *J Med Internet Res*, Vol. 22, No. 8, August, 2020 [DOI:10.2196/19615]
- “How Data Science can (also) help central bankers: An NLP study of the European Central Bank presidents’ speeches” (with Sanger, W.), *Global Economy Journal*, Vol. 20, No. 02, 2050009, 2020 [DOI:10.1142/S2194565920500098]
- “Coronavirus and the widening educational digital divide: The perfect storm for inequalities?” (with de Marcellis-Warin N., and Munoz, J. M.), *California Management Review Insights*, July 31, 2020 [DOI:10.6084/m9.figshare.12753017.v1]
- “Government 4.0 and the pandemic” (with de Marcellis-Warin, N, and Munoz, J. M.), *California Management Review Insights*, June 24, 2020 [DOI: 10.6084/m9.figshare.12580091.v1]
- “AI in Business: Seeing through the Fog of War” (with de Marcellis N., and Munoz, J. M.), *California Management Review Insights*, February 19, 2020 [DOI: 10.6084/m9.figshare.11887044.v1]
- “Concurrence et innovation dans les écosystèmes numériques à l’ère de l’intelligence artificielle” (with F. Marty), *Concurrences / Competition Law Review*, Vol. 1, pp. 36-41, February 2020
- “The use of AI by online intermediation platforms. Conciliating economic efficiency and ethical issues” (with Marty, F.), *Delphi - Interdisciplinary Review of Emerging Technologies*, Vol 2, Issue 4, pp. 217 - 225, 2019 [DOI: 10.21552/delphi/2019/4/11]
- “Jaccard Similarity of 1517 European Political Manifestos across 27 Countries (1945-2017)” (with Sanger, W.), *Data in Brief*, DIS-S-18-02150. 2019 [DOI: 10.1016/j.dib.2019.103907]
- “Text-as-Data Analysis of Political Parties versus Government Parties: To Blend or not to Blend? The Appendix” (Sanger W., de Marcellis-Warin N., Warin Th.) DOI: 10.6084/m9.figshare.7781051.v2, pp.1-63, February 2019.
- “La 4e révolution industrielle - La montée en puissance de la Chine”, *Revue Gestion*, 2018/4 (Vol. 43), pp. 86-89 [DOI: 10.3917/riges.434.0086] [PDF]
- “European Central Bank’s Monetary Policy Decisions: A Dataset of Two Decades of Press Conferences” (with Sanger, W.), *Data in Brief*, pp. 794-798, 2018, [DOI: 10.1016/j.dib.2018.08.061] [Data]

- “Élections en mots-clics : avancée ou menace pour la démocratie ?”, *Revue Gestion*, 2018/3 (Vol. 43), pp. 26-29. [DOI: 10.3917/rigues.433.0026]
- “Connectivity and Closeness Among International Financial Institutions: A Network Theory Perspective” (with Sanger, W.), *International Journal of Comparative Management*, lead article, 2018, vol. 1, no. 3, pp. 225-254 [DOI: 10.1504/IJCM.2018.10015714] **Highly Commended Paper Award (2017-2018)**
- “Public’s Perception of Political Parties during the 2014 Quebec Election on Twitter” (with Sanger, W.), *Canadian Journal of Communication*, volume 43.2 (Spring 2018), [DOI: 10.22230/cjc.2018v43n2a3251]
- “The 2015 Canadian Election on Twitter: A Tidy Algorithmic Analysis” (with Sanger, W.), *Proceedings of the 2017 International Conference on Computational Science and Computational Intelligence (CSCI’17: 14-16 December 2017, Las Vegas, Nevada, USA)*; Included in IEEE Xplore; Publisher: IEEE Computer Society, Editors: H. R. Arabnia, L. Deligiannidis, F. G. Tinetti, Q-N. Tran, M. Qu Yang; ISBN-13: 978-1-5386-2652-8; BMS Part # CFP1771X-USB; [DOI: 10.1109/CSCI.2017.158]; paper acceptance rate: 21%; 2017
- “Mapping Innovations in Artificial Intelligence Through Patents: A Social Data Science Perspective” (with Le Duc R.; Sanger W.), *Proceedings of the 2017 International Conference on Computational Science and Computational Intelligence (CSCI’17: 14-16 December 2017, Las Vegas, Nevada, USA)*; Included in IEEE Xplore; Publisher: IEEE Computer Society, Editors: H. R. Arabnia, L. Deligiannidis, F. G. Tinetti, Q-N. Tran, M. Qu Yang; ISBN-13: 978-1-5386-2652-8; BMS Part # CFP1771X-USB; [DOI 10.1109/CSCI.2017.40]; paper acceptance rate: 21%; 2017
- “A Network Analysis of Financial Conversations on Twitter” (with de Marcellis, N., Sanger, W.), *International Journal of Web Based Communities*, Volume 13, Issue 3, pp. 286-310, 2017 [DOI: 10.1504/IJWBC.2017.10004118] [Literature Mapping]
- “Les mégadonnées : entre possibilités et risques, à la recherche d’un nouvel équilibre” (with de Marcellis, N.), *Revue Gestion*, Volume 42(1), pp. 72-75, spring 2017 [DOI: 10.3917/rigues.421.0072]
- “Gérer sa réputation à l’heure des réseaux sociaux : un nouveau défi pour les entreprises” (with de Marcellis, N.), *Revue Gestion*, Volume 40(2), pp. 95-99, été 2015 [DOI: 10.3917/rigues.402.0095]
- “Corporate Reputation and Social Media: A Game Theory Approach” (with de Marcellis-Warin, N.; Sanger, W.; Nembot, B.; Hosseinali-Mirza, V.), *International Journal of Economics and Business Research*, Vol. 9, no 1, January 2015, pp. 1-22 [Literature Mapping] [PDF]
- “Homogenous goods markets: an empirical study of price dispersion on the internet” (with Leiter, D.), *International Journal of Economics and Business Research*, Vol. 4, No. 5, 2012, [DOI: 10.1504/IJEER.2012.048776] [Literature Mapping]

## Econometrics and Game Theory for International Finance, Trade and Innovation

- “Foreign capital and domestic credit growth: A view through the Mundellian Trilemma lens” (with Stojkov, A.), *submitted*
- “Banks’ foreign claims in the aftermath of the 2008 crisis: Institutional response and integration of cross-border banking in the euro area” (with Stojkov, A.), *submitted*
- “Navigating through the Mundellian Trilemma: A dataset of four decades” (with Stojkov, A.), *Data in Brief*, Vol 27, [DOI: 10.1016/j.dib.2019.104677], December 2019, [Dataset’s description here]
- “Easing the Burden of Non-Tariff Barriers: A Regional and Firm-Level Data Analysis” (with Farnia, F.; de Marcellis, N.), *International Journal of Economics and Business Research*, Vol. 17, No. 4, pp. 402-432, 2019 [DOI: 10.1504/IJEER.2019.10020189]
- “Dupont de Nemours and the Origin of the Maxim “Laissez Faire, Laissez Passer”” (with Prasch, R.), *International Journal of Economics and Business Research*, Vol. 17, No. 4, pp. 448-458, 2019 [DOI: 10.1504/IJEER.2019.10020193] [PDF]
- “Global Value chains and Economic Diplomacy” (with Van Assche, A.), *AIB Insights*, Vol. 19, No. 1, pp. 16-19, 2019
- “EU Membership and FDI: Is There an Endogenous Credibility Effect?” (with Stojkov, A.), *Journal of East-West Business*, pp.1-26, 2018, [DOI: 10.1504/IJWBC.2017.10004118]
- “Reverse Innovation: A Systematic Literature Review” (with Hadengue, M.; de Marcellis, N.), *International Journal of Emerging Markets*, Vol. 12 Issue: 2, pp.142-182, May 2017, [DOI: 10.1108/IJoEM-12-2015-0272] [Literature Mapping] [Voyant Tools Analysis] **Outstanding Paper in the 2018 Emerald**

### Literati Awards

- “Avoiding the Pitfalls of Reverse Innovation: Lessons Learned from Essilor” (with Hadengue, M.; de Marcellis, N.; Von Zedtwitz, Max), *Research-Technology Management*, Volume 60, Issue 3, pp.40-47 [DOI: 10.1108/IJoEM-12-2015-0272], April 2017, [Literature Mapping] [Voyant Tools Analysis], **2017 Best article finalist**
- “Technical Barriers to Trade: A Canadian Perspective on Ecolabeling” (with Farnia, F.; de Marcellis, N.), *Global Economy Journal*, Vol. 18, No. 1, 2017, ISSN (Online) 1553-5304, DOI: 10.1515/gej-2017-0090]
- “Environnement Mondial et compétitivité”, *Revue Gestion*, Volume 4(41), pp. 64-69, Décembre 2016
- “Accords de libre-échange du 21<sup>e</sup> siècle : une étude de l’AÉCG”, *Journal of Studies on European Integration and Federalism*, vol. 3, no 381, p. 125-154, Automne 2016 [DOI: 10.3917/eufor.381.0125]
- “Systemic risk and financial regulations: A theoretical perspective” (with Prasch, R.), *Journal of Banking Regulation*, Volume 17, Issue 3, [DOI: 10.1057/jbr.2015.4], July 2016, pp 188–199, [Literature Mapping] [Voyant Tools Analysis]
- “Drivers of European Transition Countries’ External Current Accounts: An LSDVC Approach” (with Stojkov, A.), *Eastern European Economics*, no. 54, June 2016, pp. 405–436, [DOI: 10.1080/00128775.2016.1188663] [Literature Mapping] [Voyant Tools Analysis]
- “Reverse Innovation and Reverse Technology Transfer: From Made in China to Discovered in China in the Pharmaceutical Sector” [Literature Mapping] (with Hadengue, M.; de Marcellis-Warin N.), *Management International*, Vol. 19, no 4, 2015, p. 49-69 [DOI: <https://doi.org/10.7202/1043076ar>]
- “Patterns of Specialization and (Un)conditional Convergence: The Cases of Brazil, China and India” (with Hadengue, M.), *Management International*, Vol. 18, Special Issue, December 2014, pp. 123-141 [DOI: 10.7202/1027869a] [Literature Mapping]
- “L’Europe : quelle sortie de crise ?”, *Télescope*, Vol. 20, no 1, Septembre 2014, pp. 24-40 [Literature Mapping]
- “La viabilité des modèles sociaux européens après la crise de 2008” , *Journal of Studies on European Integration and Federalism*, Vol. 2, no 372, Summer 2014, pp. 99-121
- “Moral Hazard and the Mounting of a Crisis: A U.S. Narrative” (with Prasch, R.), *International Journal of Applied Business and Economic Research*, Vol. 10, no 1, 2012, pp. 177-187
- “Choice or Mimeticism in the Decision to Migrate? A European Illustration” (with Blakely, Andrew), *Global Economy Journal*, Vol. 12, no 2, 2012, 2009s-38 [DOI: 10.1515/1524-5861.1818]
- “BRICS & Co., Myths and Realities about the Emerging Countries, an Introduction”, *International Journal of Economics and Business Research*, Vol. 4, no 6, 2012, pp. 603-605
- “Chinese interethnic marriage: passion or rational choice?” (with Butera, Rachel), *International Journal of Economics and Business Research*, Vol. 4, no 6, 2012, pp.738-762 [DOI: 10.1504/IJEER.2012.049536]
- “Southern African economic integration: Evidence from an augmented gravity model” (with Wunnava, Phani V.; TENGIA, Optat; and Wandschneider, Kirsten ), *African Finance Journal*, Vol. 13, no 1, 2011
- “The Euro at 10” in The Euro at 10, *International Journal of Economics and Business Research*, Vol. 1, no 2, 2010 [Special Issue on the Euro at 10]
- “The 2008 financial crisis and Stability and Growth Pact II? Let us move on to SGP III: A la carte”, *International Journal of Economics and Business Research*, Vol. 1, no 2, 2010, p. 49-59 [DOI: 10.1504/IJEER.2010.029728]
- “Tax competition and information sharing in Europe: a signalling game” (with Fourçans, Andre), *International Journal of Economics and Business Research*, Vol. 1, no 2, 2010, p.76-86 [DOI: 0.1504/IJEER.2010.029730]
- “Il est encore plus important de bien faire que de bien dire: A Translation and Analysis of Dupont de Nemours’ 1788 letter to Adam Smith” (with Prasch, R.), *History of Economics Review*, Vol. 4, no 49, Winter 2009 [DOI: 10.1080/18386318.2009.11682143]
- “Testing Mundell’s Intuition of Endogenous OCA Theory” (with Wunnava, Phanindra V; Janicki, Hubert P.), *Review of International Economics*, Vol. 17, no 1, 2009, pp. 74-86 [DOI: 10.1111/j.1467-9396.2008.00802.x]
- “European Migration: Welfare Migration or Economic Migration” (with Svaton, Pavel), *Global Economy Journal*, Vol. 8, no 3, Lead Article, 2008 [DOI: 10.2202/1524-5861.1360]
- “The European Stability and Growth Pact”, *The New Palgrave Dictionary of Economics*, 2nd edition ,

May 2008 [DOI: 10.1057/978-1-349-95121-5\_2165-1]

- “The stability and growth pact: a European answer to the Political Budget Cycle?” (with Donahue, K.), *Comparative European Politics*, Vol. 5, no 4, Decembre 2007, pp. 423-440
- “Stability and Growth Pact II: Incentives and moral hazard” (with Fourçans, Andre), *Journal of Economic Policy Reform*, Vol. 10, no 1, March 2007, pp. 51-62 [DOI: 10.1080/17487870701213599]
- “Popper’s Falsifiability and Mises’s A-priorism: Is Dogmatism Everywhere?”, *Epistemologia*, Vol. 28, no 1, July 2005, pp. 121-138
- “A Panel Data Analysis of Taxation in Europe: Social Contributions Matter” (with Laouenan, Morgane), *The IUP Journal of Applied Economics*, Vol. 4, no 4, July 2005, pp. 7-19
- “A Note on the ECB’s Monetary Policy when Confronted with International Systemic Risks” (with Bloomer, Alyson), *Global Economy Journal*, Vol. 5, no 1, March 2005, pp. 7-19 [DOI: 10.2202/1524-5861.1040]
- “Europe’s Deficit Free Riders: A Panel Data Analysis” (with Wolff, Lindsay), *European Political Economic Review*, Vol. 3, no 1, Spring 2005, pp. 5-17
- “The Hidden Structural Features of the Fiscal Rule: A European Saga”, *International Advances in Economic Research*, Vol. 11, no 1, February 2005, pp. 29-38
- “One Welfare State for Europe: A Costly Utopia?” (with Hennessy, Peter), *Global Economy Journal*, Vol. 4, no 2, December 2004 [DOI: 10.2202/1524-5861.1027]
- “EMU: optimal fiscal strategy and the punishment effectiveness” (with Vranceanu, R.), *Review of International Economics*, Vol. 9, no 3, pp. 494-504, February 2003 [DOI: 10.1111/1467-9396.00295]
- “Tax Harmonization: A Cure or a Curse for Europe?” (with Wolff, Lindsay), *Tax Notes International*, November 2002
- “Fiscal Policy in the European Monetary Union: An Analytical Framework” (with Fourçans, André), *Global Economy Quarterly*, Vol. 1, no 3, pp. 205-216, September 2000 [DOI: 10.2202/1524-5861.1020]
- “Eastern European Countries: The Cost of a Candidacy to the EMU” (with Besancenot, Damien; Vranceanu, R.), *International Economics*, Vol. 1, no 81, pp. 65-76, 2000

## Chapters in Books - Chapitres d’ouvrages

- “Science des données, réseaux sociaux et politiques publiques” (with de Marcellis-Warin, N., Aubert, B.) in *Le Québec Économique*, eds. N. de Marcellis-Warin and B. Dostie, vol. 9, November 2020, pp. 285-314
- “La révolution numérique appliquée à l’agriculture au Québec” (with Royer, A., de Marcellis-Warin, N., Peignier, I.) in *Le Québec Économique*, eds. N. de Marcellis-Warin and B. Dostie, vol. 9, November 2020, pp. 417-432
- “Government 4.0 and evidence-based policies : AI and data analytics to the rescue” (with de Marcellis-Warin, N.), in *Handbook of Artificial Intelligence and Robotic Process Automation: Policy and Government Applications*, eds. Al Naqvi, J. Mark Munoz, Anthem Press, pp.31-39, November 2020
- “Intelligence artificielle et parlements nationaux: la révolution industrielle au service des lois” in *L’intelligence artificielle expliquée à mon boss*, Editor: Pierre Blanc, Kawa Editions, Paris, pp. 292-294, November 2018
- “Economic and Technological Convergence” (with Durand, A.), in *Marketing and Globalization*, Editor: Aurelia Durand, Routledge, pp. 270-273, 2018
- “Data Science and Perception of Natural and Climate Risks: An Analysis of Twitter Conversations” (with de Marcellis-Warin, N.), in *Weather and Climate Risk Communication*, Editors : Bernard Motulsky, Jean Bernard Guindon , Flore Tanguay-Hébert, Presses Universitaires de Québec, Chapter, pp. 161-178, September 2017
- “Les sciences des données et la perception des risques naturels et climatiques: analyse des conversations sur Twitter” (chapitre 10) (with de Marcellis-Warin, N.) in *Communication des risques météorologiques et climatiques*, Editors : Bernard Motulsky, Jean Bernard Guindon, Flore Tanguay-Hébert, Presses Universitaires de Québec, Chapitre , pp. 169-188, May 2017
- “Price Strategies in a Big Data World” (with Troadec, Antoine) in *Encyclopedia of E-Commerce Development, Implementation, and Management*, IGI Global, Chapter 46, pp 625-638, March 2016
- “La Belle Province dans le Nouveau Monde : l’histoire du Petit Poucet?” (with Sinclair-Desgagné,

Bernard, Van Assche, Ari), in *L'économie du Québec 2015 : contexte et enjeux internationaux*, Editors : Warin, Thierry ; Sinclair-Desgagné, Bernard, Van Assche, Ari, Presses Internationales de Polytechnique, Introduction pp 1-14, Mai 2015

- “Un monde en émergence : menaces et opportunités pour Québec inc.” (with Hadengue\*, M.), in *L'économie du Québec 2015 : contexte et enjeux internationaux*, Editors : Warin, Thierry ; Sinclair-Desgagné, Bernard, Van Assche, Ari, Presses Internationales de Polytechnique, Chapitre 1 pp 25-58, Mai 2015
- “La place des entreprises canadiennes dans la R-D mondiale” (with Troadec, Antoine), in *L'économie du Québec 2015 : contexte et enjeux internationaux*, Editors : Warin, Thierry ; Sinclair-Desgagné, Bernard, Van Assche, Ari, Presses Internationales de Polytechnique, Chapitre 4 pp 109-125, Mai 2015
- “Le Québec : de l'international au régional” (with de Marcellis-Warin, N.), in *L'économie du Québec 2015 : contexte et enjeux internationaux*, Editors : Warin, Thierry ; Sinclair-Desgagné, Bernard, Van Assche, Ari, Presses Internationales de Polytechnique, Chapitre 8 pp 193-223, Mai 2015
- “Determinants of External Current Accounts in South Eastern Europe” (with Stojkov, A.), in *Financialisation and Financial Crisis in South-Eastern European Countries*, Editors : Dubravko Radosevic and Vladimir Cvijanović, Peter Lang – International Academic Publishers, Chapitre pp 263-300, 2015
- “L'économie française: le syndrome du Malade Imaginaire ou celui du Bourgeois Gentilhomme?”, in *France in the Twenty-First Century: New Perspectives/La France à l'aube du XXIe siècle: nouvelles perspectives*, Birmingham, AL, Summa Publications, pp 281-290, 2010
- “Remittances in El Salvador and Ecuador: A Comparative Analysis of Household Surveys” (with Clayton, Jessica), in *Global Business & Economics Anthology*, Editor : D. Kantarelis, Business & Economics Society International, pp 348, 2009
- “Open Source Software Development, Innovation, and Coordination Costs” (with Bonardi, Jean-Philippe), in *Global Business & Economics Anthology*, Editor : D. Kantarelis, 2007
- “Euroland versus US: Analysis and Framework for Monetary Strategies” (with André Fourçans) in *International Public Policy and Regionalism at the Turn of the Century*, Editors : Fatemi Khosrow & Susan E. W. Nichols, Pergamon, Elsevier Science, Amsterdam, Chapitre 23 , 2001
- “A Game Theoretical Approach to Monetary Policy: What Strategy for the ECB?” (with André Fourçans), in *EMU, Financial Markets and the World Economy*, Editors : Thomas Moser & Bernd Schips, Kluwer Academic Publishers, Boston, Chapitre 5, 2001
- “Euroland versus USA: A Theoretical Framework for Monetary Strategies” (with André Fourçans), in *Globalization in the 21th century*, Editors : Fatemi Khosrow & Susan E. W. Nichols, Calxico, CA : IT&FA, Chapitre 23 , 1999

## Books - Ouvrages

- “Économie industrielle avec R” (with de Marcellis-Warin, N.), Bookdown / Open Source, June, 2020 (<https://doi.org/10.6084/m9.figshare.12156102.v1>)
- “Commerce des marchandises entre le Canada et l'Union européenne: un état des lieux avant l'AÉCG” (with Stojkov, A.), Presses Internationales Polytechnique, Mars 2016, 130 pages [PDF]
- “Économie Industrielle: une perspective internationale” (with de Marcellis-Warin, N. ; Médan, Pierre), Presses Internationales Polytechnique, Août 2015, 290 pages
- “L'économie du Québec 2015 : contexte et enjeux internationaux” (with Sinclair-Desgagné, Bernard, Van Assche, Ari), Presses Internationales Polytechnique, Mai 2015, 366 pages
- “Économie Industrielle” (with de Marcellis-Warin, N. ; Médan, Pierre), Presses Internationales de Polytechnique (Industrial Organization), Septembre 2014
- “La place de la jeunesse dans le modèle français” (with KLEIN, Melissa), Les éditions Le Manuscrit, collection “Recherche – Université”, Paris, 2008
- “Crédibilité et discipline monétaire: Naissance d'une école de pensée”, Les éditions Le Manuscrit, collection “Essais et Documents”, Paris, 2006
- “L'exception économique française ou les 35 heurts”, Les éditions de l'Officine, Paris, 2005
- “L'euro et l'entreprise: 2002 et après?”, Les éditions Litec, Paris, 2001
- “économie industrielle, une perspective européenne” (with Médan, Pierre), Les éditions Dunod, Paris, 2000

- “Euro mode d’emploi”, Les éditions Litec, Paris, 1998

### Other publications - Article de revue d’ordre professionnel

- “Les enjeux du numérique dans le secteur agricole - Défis et opportunités” (avec Royer, A., de Marcellis-Warin, N., Peignier, I., Panot, M., et Mondin, C.), CIRANO - Rapport de Projet, 2020RP-12, 217 pages, 15 Juillet, 2020
- “Repenser la mesure de l’innovation à l’échelle globale”target="\_blank"}, Harvard Business Review France, May 29, 2017
- “La tendance du « shadow banking » s’accélère, pour le meilleur ou pour le pire ?”target="\_blank"}, Harvard Business Review France, November 2, 2016
- “Les firmes asiatiques s’imposent comme les nouveaux joueurs de la mondialisation”target="\_blank"}, Harvard Business Review France, November 12, 2015
- “Libre-échange entre l’Union européenne et le Canada: quelles sont les opportunités à saisir?”target="\_blank"}, Harvard Business Review France, September 17, 2015
- “Partenariat transatlantique entre l’Union européenne et les Etats-Unis: quelles conséquences pour les entreprises?”target="\_blank"}, Harvard Business Review France, May 1, 2015
- “Un état des lieux sur le commerce international des déchets” (International Trade of Waste : A State of the Art) (with Bernard, S., Claire, A., Vergne, G.), CIRANO report , 28 pages, 2014
- “Un état des lieux sur les données massives”target="\_blank"} (Big Data : A State of the Art) (with de Marcellis-Warin, N., Troadec, A., Sanger, W., Nembot, B.), CIRANO report, 39 pages, 2014
- “Canada-EU Free-trade Agreement”(Libéralisation des échanges entre le Canada et l’Union européenne) (with Stojkov, A.), CIRANO Report, 184 pages, (confidential), 2013
- “Identification des partenaires stratégiques des PME au Québec et portrait de leurs activités en lien avec l’environnement et les produits chimiques” (with de Marcellis-Warin, N.; Peignier, Ingrid; Hart, C.), Research Report for the Canadian Ministry of Health, RP 06, 2011
- “Priorisation des secteurs industriels fabriquant, utilisant ou transportant des matières dangereuses au Québec – Fiches sectorielles” (with de Marcellis-Warin, N.; Peignier, Ingrid), Research Report for the Canadian Ministry of Health, , RP 17, 2010
- “Macroeconomic scenarios for Haiti: The education reform in perspective”, Inter-American Development Bank Report, 105 p. (confidential), 2010
- “Public finance sustainability in the Republic of Macedonia”, Report to the Prime Minister and the Minister of Finance of the Republic of Macedonia (FYROM), 115 p. (confidential), 2010
- “Analyse socio-économique des secteurs industriels fabriquant, utilisant ou transportant des matières dangereuses au Québec” (with de Marcellis-Warin, N.; Peignier, I.), Research Report for the Canadian Ministry of Health, [A socio-economic analysis of industrial sectors making, using or transporting hazardous materials in the Province of Quebec], RP 06, 2009

### Conferences - Congrès, colloques, séminaires, conférences

#### Conference Presentations - Présentations lors de congrès, colloque, séminaire, conférence

- “Algorithmes de prix et signaux collusifs : quel traitement concurrentiel?” (with Marty, F.), *DL4T*, Nice (France), December 15, 2020
- “Artificial Intelligence and Market Manipulations: Ex-ante Evaluation in the Regulator’s Arsenal” (with de Marcellis-Warin, N., Marty, F. and Thelisson, E.), *DL4T*, Nice (France), December 7, 2020
- “Data Science and Strategic Complexity” (with Bisson, C.), *IEEE International Conference on Technology Management, Operations and Decisions*, Marrakech (Morocco), November 25-27, 2020
- “An NLP Perspective on the Refugee Crisis in Europe: The (Weak) Connection Between Political Media and Twitter Activity” (with Stojkov, A.), *International Trade and Finance Association’s seminar series*, October 22, 2020
- “Risk Perception and Preventive Behaviors in the Context of the COVID-19 Pandemic: An NLP Perspective on Twitter Conversations” (with de Marcellis-Warin, N.), *2020-2021 Seminar in Occupational*



and *Environmental Health Research*, Harvard T. C. Chan School of Public Health, Boston (USA), October 9, 2020

- “Artificial Intelligence, Law and Ethics” (with Marty, F.), *Congresso Internacional de Direito e Inteligência Artificial* Belo-Horizonte (Brazil), July 2-3, 2020 [Youtube]
- “Keystone Players and the Question of Innovation in Digital Ecosystems: Challenges for Competition Policy” (with Marty, F.), *15th ASCOLA Conference* Porto (Portugal), June 25-27, 2020 [Working Paper]
- “The Role of Algorithmic High-Frequency Signaling in Collusion” (with Marty, F.), *ADEPAR Associação Paranaense de Direito e Economia*, Parana, Brazil, June 18, 2020 [Youtube]
- “Algorithmic collusion and price signaling” (with Marty, F.), *ADEPAR Associação Paranaense de Direito e Economia*, Parana, Brazil, June 18, 2020 [Youtube]
- “Keystone Players and the Question of Innovation in Digital Ecosystems: Challenges for Competition Policy” (with Marty, F.), *ASCOLA*, Porto, Portugal, June 25-27, 2020 [Working Paper]
- “Health Outcomes in China for the Hukou Migrants: How Algorithms May Inform Public Policymakers” (with Bengoa, M.), *American Economic Association Annual Meeting*, San Diego, USA, January 3-5, 2020
- “Augmented Intelligence in Higher-Education Institutions: What to Hope for?”, *Development Bank of Minas Gerais*, Keynote speaker, Belo-Horizonte (Brazil), October 30, 2019
- “2008, Populism and Brexit: Governing the Euro Area through the Recent Global Crises - Some Data Science Case Studies”, *The Euro at 20: Past, Present and Future*, Panel with Professor Vivien Schmidt and Professor Harold James, Middlebury College, October 25, 2019
- “When Does the Mundellian Trilemma Bind? Corner Solutions vs. Middle-Ground Policies” (with Stojkov, A., Stojmenovska, I.), *International Trade & Finance Association*, Livorno, Italy, May 29 - June 1, 2019 [Presentation]
- “Sick Days in China: How Machine Learning Can Inform Public Health Policies” (with Bengoa, M.), *International Trade & Finance Association*, Livorno, Italy, May 29 - June 1, 2019
- “Plenary Session: Round Table Discussion on the Future of the EU”, *International Trade & Finance Association*, Livorno, Italy, May 29 - June 1, 2019
- “Hukou System, Access to Health Services and Health Outcomes: A Machine Learning Approach Applied to Rural-Urban Migration in China” (with Bengoa, M.), *American Economic Association Annual Meeting*, Atlanta, USA, January 3-6, 2019
- “New Tools, New World, New Thinking: The Data Science Revolution”, *ATR*, Keihanna Research Project, December 11, 2018, Kansai Science City, Japan
- “New Tools, New World, New Thinking: The Fackmap Project” (with A. Backus and de Marcellis, N.), *ATR*, Keihanna Research Project, December 11, 2018, Kansai Science City, Japan.
- “Data Science and Global Transformations: New Geography, New Distances, and New Technologies”, *CIRANO*, November 13, 2018, Montreal, Canada.
- “Fintech et Science des données : les robots conseillers ne manquent pas d’R” (with Daigle, P.), *R à Montréal*, July 5, 2018, Montreal, Canada.
- “Cartographie en R des publications scientifiques sur le gaz de schiste : perspectives pour la santé et l’environnement” (with Mondin, C., de Marcellis-Warin, N. and Backus, A.), *R à Montréal*, July 5, 2018, Montreal, Canada.
- “Populisme et R: Analyse textuelle des manifestes politiques écrits en différentes langues” (with Sanger, W.), *R à Montréal*, July 5, 2018, Montreal, Canada.
- “Dynamique mondiale de la révolution industrielle 4.0: une cartographie mondiale basée sur R des brevets en intelligence artificielle” (with Le Duc, R. and Sanger, W.), *R à Montréal*, July 5, 2018, Montreal, Canada.
- “Data Science and Global Transformations: New Geography, New Distances, and New Technologies”, *International Economic Forum of the Americas*, Montreal, Canada, June 11-14, 2018
- “Foreign Direct Investment Within Europe: The Global Financial Cycle Against the European Integration?” (with Stojkov, A.), *International Trade & Finance Association*, Beijing, China, May 22-25, 2018
- “Social Data Science”, *International Trade & Finance Association*, Beijing, China, May 22-25, 2018
- “Sciences des données et Sciences sociales : regards croisés”, 86e Congrès de l’ACFAS, Chicoutimi, May

- 7-9, 2018
- “Populisme et intégration européenne : une analyse de Science des données des doctrines de partis politiques” (with Sanger, W.), *ACFAS*, Chicoutimi (Qc, Canada), May 7-9, 2018
  - “Une visualisation des données des publications qui traitent des impacts du gaz de schiste sur la santé et l’environnement aux Etats-Unis” (with Backus, A., de Marcellis, N., and Mondin, C.), *ACFAS*, Chicoutimi (Qc, Canada), May 7-9, 2018
  - “Brevets pharmaceutiques en Chine : une perspective de Science des données” (with Vorreuther, C.), *ACFAS*, Chicoutimi (Qc, Canada), May 7-9, 2018
  - “Une cartographie des brevets en intelligence artificielle” (with Le Duc, R., and Sanger, W.), *ACFAS*, Chicoutimi (Qc, Canada), May 7-9, 2018
  - “Fintech et analyse des données : les robots conseillers” (with Daigle, P.), *ACFAS*, Chicoutimi (Qc, Canada), May 7-9, 2018
  - “Transformations globales et nouveaux risques” (with de Marcellis, N., Le Duc, R., Sanger, W.), Banque de la République d’Haïti, Port-au-Prince, May 3, 2018
  - “EU Membership and FDI: Is There an Endogenous Credibility Effect?” (with Stojkov, A.), 7th Annual Research Conference, *National Central Bank of Macedonia*, Orhid, Macedonia, April 12-13, 2018
  - “FDI Flows in Europe: Endogeneity and Credibility” (with Stojkov, A.), *American Economic Association Annual Meeting*, Philadelphia, USA, January 4-6, 2018
  - “The 2015 Canadian Election on Twitter: A Tidy Algorithmic Analysis” (with Sanger, W.), *International Conference Computer Science and Computational Intelligence (CSCI)*, December 2017
  - “Mapping Innovations in Artificial Intelligence Through Patents: A Social Data Science Perspective” (with Le Duc R.; Sanger W.), *International Conference Computer Science and Computational Intelligence (CSCI)*, Decembre 2017
  - “How is Artificial Intelligence Perceived on Social Networks?” (with R. Le Duc, C. Mondin, W. Sanger), *Forum IA Responsable*, Montreal, Canada, November 2-3, 2017
  - “L’Observatoire de la Francophonie économique : un nouvel outil de développement pour l’espace francophone”, *International Economic Forum of the Americas*, Montreal, Canada, June 11-14, 2017
  - “FDI in Europe: Is There a Euro Effect?” (with Stojkov, A.), *CIRANO* (Montreal) June 5, 2017
  - “FDI in Europe: Is There a Euro Effect?” (with Stojkov, A.), *International Trade & Finance Association*, Poznan, Poland, May-June 2017
  - “Technical Barriers to Trade” (with Farnia, F.; de Marcellis-Warin, N.), *International Trade & Finance Association*, Poznan, Poland, May-June 2017
  - “Annonces de politiques monétaires: allier R et recherche reproductible pour une analyse linguistique longitudinale des discours des présidents de la Banque centrale européenne” (with Sanger, W.), *R à Québec*, 26 mai 2017, Québec, Canada.
  - “Technical Barriers to Trade” (with Farnia, F. and de Marcellis-Warin, N.), *Canadian Economic Association*, Ottawa, Canada, May 2017
  - “Obstacles techniques au commerce avec l’Europe : enjeux et défis” (with Farnia, F. and de Marcellis, N.), 57e congrès du *Société canadienne de science économique (SCSE)* Ottawa, Canada.
  - “Crise de l’euro et politisation des discours des banquiers centraux européens: une analyse linguistique algorithmique” (with Sanger, W.), *ACFAS*, 8-12 mai 2017, Montréal, Canada.
  - “Entreprises multinationales et innovation inverse: proposition d’un cadre analytique basé sur la théorie des réseaux” (with Hadengue, M., de Marcellis-Warin, N.), *ACFAS*, 8-12 mai 2017, Montréal, Canada.
  - “Grappes industrielles et spécialisation en Europe: une perspective d’économie géographique” (with Le Duc, R.), *ACFAS*, 8-12 mai 2017, Montréal, Canada.
  - “Obstacles techniques au commerce avec l’Europe: enjeux et défis” (with Farnia, F.), *ACFAS*, 8-12 mai 2017, Montréal, Canada.
  - “Institutions financières et risque systémique: une analyse des réseaux au sein des conseils d’administration” (with Sanger, W.), *ACFAS*, 8-12 mai 2017, Montréal, Canada.
  - “Competitiveness in an Uncertain World”, *Cirano* (Montreal), April 4, 2017
  - “Data Science and Cluster-based Policies”, *Cirano* (Montreal), April 2, 2017
  - “Open Science: www.drhector.org”, *EconBiz - ZBW*, Berlin, March 20-22, 2017
  - “Reducing Systemic Risk in Europe: Is the ‘Banking Union’ a Big Enough Step?”, Department of Economics, *University of Victoria*, Victoria BC, Canada, 25 February 2017

- “Banks’ Foreign Claims Across Europe: An Assessment of the Eurozone Credibility”, *University of Victoria*, Victoria BC, Canada, 24-26 February 2017
- “The Creation of New Institutions in Response to the Euro Area Crisis” An International Workshop, *University of Victoria*, Victoria BC, Canada, 24-26 February 2017
- “Europa et Brexit: un nouveau conte de la mythologie grecque?”, *Cirano* (Montreal), February 16, 2017
- “Explaining the ECB’s Monetary Policy in Press Conferences: A Data Science Perspective” (with Sanger, W.), Workshop on “The New Role of Central Banks”, *University of British Columbia*, February 2-3, 2017
- “The Refugee Crisis in Europe on Twitter: A Sentiment Analysis” (with Frieden, Jeffrey), *American Economic Association Annual Meeting*, San Francisco, USA, January 6-8, 2017
- “Banks’ Foreign Claims Across Europe: An Assessment of the Eurozone Credibility”, *American Economic Association Annual Meeting*, San Francisco, USA, January 6-8, 2017 *Society for Risk Analysis* (SRA) Annual Conference (with Backus, Ayn, de Marcellis-Warin, N.), San Diego, December 2016
- “AECG/CETA: un accord de seconde génération”, *Cirano* (Montreal), 23 novembre 2016.
- “Global Trends in Financial Disintermediation”, *Foro de Excelencia LLoret* [website], Panel with Nobel Prize Professor Eric Maskin, June 8-11, 2016
- “The Refugee Crisis in Europe: A Perspective in 140 Characters”, GIS Institute, *Harvard University*, June 6, 2016
- “Reverse Innovation: A Systematic Literature Review (with Hadengue, M., de Marcellis-Warin, N.)”, *Association Francophone du Management International* Nice, France, 6-8 juin, 2016
- “Technical Barriers to Trade: A European Case Study Area” (with Farnia, F., de Marcellis-Warin, N.), *International Trade & Finance Association*, Occidental College, California, USA, May 22-25, 2016
- “Credibility of the Euro: Lessons from the European Banks’ Foreign Claims”, *National Bank of Macedonia*, April 27, 2016
- “The 2015 Canadian Election: Twitter to Measure the Public’s Reaction during Televised Debates” (with Sanger, W.), *Digital Intelligence 2016 / Intelligences numériques*, Québec City, April 3-6, 2016
- “The Refugee Crisis in Europe: Mapping Twitter Conversations”, Center for Geographic Analysis - Spatial Information, Spatial Analysis, and Spatial Thinking (Harvard University), January 15, 2016
- “Reducing Systemic Risk in Europe: Is the ‘Banking Union’ a Big Enough Step?”, *American Economic Association Annual Meeting*, San Francisco, USA, January 3-5, 2016
- “Launching a new product in a buzzing world: the Apple Watch’s reputation at risk” (with Digoin, Guillaume, de Marcellis-Warin, N.), *Society for Risk Analysis* (SRA) Annual Conference, “Empires of Risk Analysis: Science, Policy, and Innovation”, Arlington, Virginia, December 6-10, 2015 (Best Poster Prize).
- “Perceptions of Information Credibility During a Social Media Crisis” (with de Marcellis-Warin, N.; Hosseinali-Mirza V.), *Society for Risk Analysis* (SRA) Annual Conference, “Empires of Risk Analysis: Science, Policy, and Innovation”, Arlington, Virginia, December 6-10, 2015. US-EU Workshop on Clusters, Harvard Business School, November 17-19, 2015
- “Reverse Innovation: A Systematic Review” (with Hadengue, M.; de Marcellis-Warin, N.), *Academy of International Business* Southeast Chapter, Savannah, USA, November 13-15, 2015
- “élections canadiennes et Twitter” (with Sanger, W.), *UQAM* (Montreal), November 6, 2015
- “Systemic Risk in Europe: A Political Economy Perspective on the Banking Union”, *Halmstad School of Engineering and Business* (Sweden), October 15, 2015
- “Assessing Influence on Social Media: Reputation Risks in Networks” (with de Marcellis-Warin, N., Sanger, W.), Mesquita A., Peres, P., (Ed), Proceedings of the 2nd European Conference on *Social Media*, *School of Accounting and Administration* at the Polytechnic Institute of Porto, Porto, Portugal, July 9-10, 2015.
- “Eco and Safety Labels : Technical Barriers to Trade?” (with de Marcellis-Warin, N., Farnia, F.), Silver Jubilee Conference, *International Trade & Finance Association*, Sarasota, USA, 17 au 20 may 2015
- “New European Institutional Framework : Closer to an Optimum Currency Area?” (with Camara, Thibault), Silver Jubilee Conference, *International Trade & Finance Association*, Sarasota, USA, 17 au 20 may 2015
- “Recovering Italy : A DSGE Model” (with DELLA POSTA, Pompeo), Silver Jubilee Conference, *International Trade & Finance Association* , Sarasota, USA, 17 au 20 may 2015

- “Public Debt Management in South Eastern Europe : The Role of Formal Institutions” (with Maksinivska Aleksandra, Stojkov A.), Split, Croatia, May 2015
- “NTBs in a South-North Model: The Differences Between Inter-Industry and Intra-Industry Trade” (with Farnia, F.), 55e Congrès annuel de la société canadienne de science économique, Montréal, Québec, 13-15 MAI 2015
- “Is the Euro Still a Credibility Factor for FDI?” (with Camara, Thibault), 55e Congrès annuel de la *Société canadienne de science économique*, Montréal, Québec, 13-15 MAI 2015
- “Too Big to Fail or Too Close to Fail? Corporate Interlocks in the Financial Industry” (with Sanger, W.), 55e Congrès annuel de la *Société canadienne de science économique*, Montréal, Québec, 13-15 MAI 2015
- “Risk Perception and Social Media” (with de Marcellis-Warin, N., Hosseinali-Mirza, V.), *Society for Risk Analysis* (SRA) Annual Conference, Denver, USA, 7 au 11 December, 2014
- “Assessing influence on Twitter: Reputation Risk in Networks (Poster)”(with Sanger, W., de Marcellis-Warin, N.), *Society for Risk Analysis* (SRA) Annual Conference, Denver, USA,7 au 11 December, 2014
- “CETA: An Economic Impact Assessment”, *McGill Conference* on the Canada – EU Comprehensive Economic and Trade Agreement Montreal, Canada), October 31-November 1, 2014
- “Reducing Systemic Risk in Europe: Is the ‘Banking Union’ a Big Enough Step?”, *Cirano* (Centre interuniversitaire de recherche en analyse des organisations), November 13-14, 2014
- “EU accession of Macedonia (FYROM): A DSGE model” (with Stojkov, A.), *International Atlantic Economic Society*, Savannah, USA, 12 au 15 October 2014
- “From made in China to discover in China: Reverse innovation & reverse technology transfer” (with de Marcellis-Warin, N., Hadengue, M.), *International Atlantic Economic Society*, Savannah, USA, 12 au 15 October 2014
- “A DSGE Model to Assess the EU Accession Path : The Case of Macedonia” (with Stojkov, A.), *B&ESI*, Florence, Italy, 6 au 9 July 2014
- “Islamic Finance”, panelist on the Economics of Religion Panel, *B&ESI*, Florence, Italy, 6 au 9 July 2014
- “Dupont de Nemours and the Origins of the”Laissez Faire, Laissez Passer" Maxim" (with Prasch, R.), *History of Economics Society*, Montreal, Canada, 20 au 22 Juin 2014
- “Le Québec : de l’international au régional” (with de Marcellis-Warin, N.), *Cirano*, Montreal, Canada, June 20, 2014
- “Un monde en émergence: menaces et opportunités pour le secteur manufacturier québécois” (with Hadengue, M.), *Cirano*, Montreal, Canada, June 18, 2014
- “Canada-EU Trade Agreement: Business Opportunities”, *Cirano*, Montreal, Canada, June 18, 2014
- “Bull, Bear and the Blue Bird : Using Social Media in Financial Markets” (with Sanger, W.), *International Trade & Finance Association*, Kayseri, Turkey, 21 au 24 mai 2014
- “DSGE Model for a European Candidate Country : The Case of Macedonia” (with Stojkov, A.) *International Trade & Finance Association*, Kayseri, Turkey, 21 au 24 mai 2014
- “The Endogenous Optimum Currency Area Theory in Light of the Sovereign Debt Crisis in Europe”, *University of Göttingen* (Germany) Centrum für Europa-, Governance- und Entwicklungsforschung, May 21, 2014
- “Du Fabriqué en Chine au Découvert en Chine :transfert technologique et innovation inverse. Le cas des pharmaceutiques” (with de Marcellis-Warin, N., Hadengue, M.), Congrès annuel de la *Société canadienne de science économique*, Ottawa, Canada, 14 mai 2014
- “Structurer le Big Data: comment les modèles financiers peuvent aider” (with Sanger, W.), *ACFAS*, Montréal, Québec, 11-16 mai 2014
- “La valorisation de l’information sur les marchés financiers à partir des données massives non structurées” (with Sanger, W.), *ACFAS*, Montréal, Québec, 11-16 mai 2014
- “Corruption et commerce international des déchets” (with BERNARD, Sophie, VERGNE, Guillaume), *ACFAS*, Montréal, Québec, 11-16 mai 2014
- “discussant on Igor Oliveira’s privatization, education-induced interethnic cooperation, and investment efficiency” , *GRAI*, HEC Montréal, Montréal, Québec, 17 Avril 2014
- "CETA : An Economic Impact Assessment, *University of Lausanne*, February 21st, 2014

- “Monetary Policy in Times of Crisis: A US/Europe Comparison”, *National Bank of Macedonia*, January, 31, 2014
- “Crisis Management in Times of Social Media” (with de Marcellis-Warin, N.; Hosseinali-Mirza, V.), *World Social Science Forum 2013 “Social Transformations and the Digital”* Social Transformations and the Digital”, Montreal, Canada, 13 au 15 Octobre, 2013
- “Financial Crisis, Sovereign Debt Crisis and Systemic Risk: In Search of the Missing Link”, *Cirano*, Montreal, Canada, October 10, 2013
- “How individuals use the power of against companies?” (with de Marcellis-Warin, N.; Hosseinali-Mirza, V.), *International Trade & Finance Association*, Dalhousie University, Halifax, Canada, 14 au 15 Septembre, 2013
- “Learning-by-doing: Patterns of Specialization and (Un)conditional Convergence” (with Hadengue, M.), *Atlas-AFMI*, Montréal, Canada, 8 au 9 Juillet 2013
- “Systemic Risk in the Financial Industry: Mimetism for the Best and for the Worst” (with Prasch, R.), *International Trade & Finance Association*, Montreal, Canada, May 29-June 1, 2013
- “Financial Integration in Europe: An Analysis of the South Eastern European Economies” (with Stojkov, A.), *International Trade & Finance Association*, Montreal, Canada, May 29-June 1, 2013
- “Patterns of Specialization and (Un)conditional Convergence: The Cases of Brazil, China and India” (with Hadengue, M.) *International Trade & Finance Association*, Montreal, Canada, May 29-June 1, 2013
- “Corporate Reputation and Social Media: A Game Theory Approach” (with de Marcellis-Warin, N.; Sanger, W.; Nembot, B.; Hosseinali-Mirza, V.), *International Trade & Finance Association*, Montreal, Canada, May 29-June 1, 2013
- “Big data: A State of Art” (with Sanger, W.; Nembot, B.), *International Trade & Finance Association*, Montreal, Canada, May 29-June 1, 2013
- “Patterns of Specialization and (Un)conditional Convergence: The Cases of Brazil, China and India” (with Hadengue, M.), *Institut Franco-Brésilien d’Administration des Entreprises*, Tours, France, May 13-14, 2013
- “Financial Crisis, Sovereign Debt Crisis and Systemic Risk: In Search of the Missing Link”, *National Bank of Macedonia*, February 7, 2013
- “Financial Crisis, Debt Crisis in Europe and Systemic Risk”, *HEC Montreal*, Canada, January 29, 2013
- “Corporate Reputation in Times of Social Media: From Scarce Clouds to the Perfect Storm” (with de Marcellis-Warin, N.; Hosseinali-Mirza, V.), *Society for Risk Analysis*, San Francisco, USA, December 2012
- “CETA: The New Canada-EU Free-Trade Agreement”, *Cirano*, Montreal, Canada, October 31, 2012
- “Learning-by-Doing, patterns of specialization and (Un)conditional Convergence” (with Hadengue, M.), *International Atlantic Economic Society*, Montreal, Canada, october 5-7, 2012
- “Mediterranean Union Integration: An Augmented Gravity Model” (with Ghalati, Azam), *International Atlantic Economic Society*, Montreal, Canada, october 5-7, 2012
- “Learning-by-Doing, patterns of specialization and (Un)conditional Convergence” (with Hadengue, M.), *B&ESI*, Salzburg, Austria, July 6-9, 2012
- “Systemic Risk in the Financial Industry: Mimetism for the Best and for the Worst” (with Prasch, R.), *International Trade and Finance Association*, Pisa, Italy, May 23-26, 2012
- “Determinants of the Current Account Deficits of the South Eastern European Countries” (with Stojkov, A.), *International Trade and Finance Association*, Pisa, Italy, May 23-26, 2012
- “The U.S. facing a New World”, October 18, 2012, “Austerity in Europe: Will it Save the Euro?”, *Middlebury College* (Vermont, USA), April 6, 2012
- “Nanotechnologies au Québec: avantages et risques des stratégies collaboratives” (with de Marcellis-Warin, N.; GARAT, éric), *Colloque Nano Québec*, Montréal, Canada, March 20-21, 2012
- “Canada-EU trade agreement” (with Foucault, Martial), *University of Montreal*, Canada, March 30, 2012
- “The state of US public finance: federal, state and local dimensions”, *Cirano-Cepa-University of Montreal* (Chaire d’étude des politiques américaines), Montreal, Canada, March 16, 2012
- “The future of international trade”, *Monterey institute of international studies* (California, USA), March 3, 2012

- “Un Point sur la Macroéconomie d’Haïti”, *Université de Quisqueya* (Haïti), December 19, 2011
- “The influence of social media on risk perception and reputation risk” (with de Marcellis-Warin, N.; Hosseinali-Mirza, V.), Proceeding of the Annual Meeting, *Society for Risk Analysis* (SRA) (USA), Charleston, USA, December 5-7, 2011
- “Die Zukunft (l’avenir) de l’euro: *μια ελληνική τραγωδία* (a Greek tragedy) ou la commedia dell’ arte?”, *Cirano*, Montreal, Canada, Nov 30, 2011
- “Les états-Unis et l’Europe, entre la crise et la reprise: défis financiers et politiques”, *Cerium*, Montreal, Canada, Nov 16, 2011
- “European Union-Canada’s forthcoming free trade area: the devil is in the details” (with Stojkov, A.), *International Trade and Finance Association*, Eilat, Israël, May 29-June 1, 2011
- “Creation of the Association of Southeast Asian Nations: What Lessons from the European Union?” (with Normandin, Alban), *International Trade and Finance Association*, Eilat, Israël, May 29-June 1, 2011
- “Financial Instability and the re-regulation of financial institutions and markets” (attendee), *Ford foundation-Levy Economics Institute*, New York, USA, April 12-15, 2011
- “Re-thinking International Trade: A Conversation with Mr. Stephen Jarislowsky and Mr. Thierry Warin”, *Cirano*, Montreal, Canada, Jan 12, 2011
- “Le retour de l’Histoire? Répercussions européennes et internationales de la réunification allemande”, talk: “élargissement de l’Europe et flux migratoires : Avenir et Enjeux”, *Goethe Institut* (Montréal) / Université de Montréal, September 29-October 1, 2010
- “Determinants of Interethnic Marriage in China and the One Child Policy” (with Butera, Rachel), *International Trade and Finance Association*, Las Vegas, USA, May 23-26, 2010
- “The Drivers of Modern Migration within China and the Hukou System: The Creation of an Underclass?” (with GRANGER, A.), *International Trade and Finance Association*, Las Vegas, USA, May 23-26, 2010
- “International Trade of Illicit Drugs: A gravity Model” (with Mommsen, Mike), *International Trade and Finance Association*, Las Vegas, USA, May 23-26, 2010
- “The European Integration’s Influence on the Economics Literature”, *Corvinus University* (Budapest, Hungary), March 18, 2010
- “European Immigration Flows: Network Effects, Herd Behaviors and European Migration Policy”, *Middlebury College* (USA), March 5-6, 2010
- “The development impact of remittances in El Salvador and Ecuador: A Comparative Analysis of Household Surveys” (with Clayton, J. A.), *Business and Economics Society International*, Nassau, The Bahamas, January 5-9, 2010
- “A Whale of a Tale: Japan’s role in the International Whaling Commission” (with Donahue, K.), *International Studies Association*, New York City, USA, February 15-18, 2009
- “Fiscal Perspectives in Europe: Convergence and Debt Burden”, *The tenth anniversary of the Euro*, *Middlebury College* (USA), Middlebury, USA, November 14-15, 2008
- “Tax Competition and Race to the Bottom: A Reality Check in Europe” (with André Fourçans), *Business and Economics Society International*, Lugano, Switzerland, July 15-19, 2008
- “Dupont de Nemours et l’origine de la maxime ‘Laissez faire, laissez passer’” (with Prasch, R.), *Société Canadienne de Science économique*, Montebello, Canada, May 14-16, 2008
- “A Whale of a Tale: Japan’s Official Development Assistance and the IWC” (with Donahue, K.), *Midwest Political Science Association*, Chicago, United States, April 3-6, 2008
- “Open Source Software Development, Innovation, and Coordination Costs” (with Bonardi, Jean-Philippe), *Business and Economics Society International*, Juan-les-Pins, France, July 17-21, 2007
- “European Migration: Welfare or Economic Migration?” (with Svaton, Pavel), *International Trade and Finance Association*, Miami, USA, May 16-20, 2007
- “Europe’s Fiscal Policymaking: When European Convergence of Political Views Impact National Fiscal Policies” (with Donahue, K.), *Midwest Political Science Association*, (Chicago, United States), April 3-6, 2008
- “Who Has the Power in the EU?”, *Harvard University*, CES Minda de Gunzburg (USA), December 13, 2006
- “Tax Competition versus Tax Harmonization in Europe”, *Suny Plattsburgh* (NY, USA), November 28, 2006

- “An Empirical Study of Price Dispersion in Homogenous Goods Markets” (with Leiter, D.), *Global Conference on Business and Economics*, Harvard University, USA, October 14-16, 2006
- “The Stability and Growth Pact: A European Answer to the Political Budget Cycle?” (with Donahue, K.), *Global Conference on Business and Finance*, (San Jose, Costa Rica), May 31-June 3, 2006
- “Endogenous OCA Theory: Using the Gravity Model to Test Mundell’s Intuition” (with H. Janicki & P. Wunnava), *Southern Economic Association*, (Washington DC, USA), November 18-20, 2005
- “Fiscal Perspectives in Europe: Convergence and Debt’s Burden”, *Harvard University*, CES Minda de Gunzburg (USA), April 14, 2005
- “Fiscal Perspectives in Europe: A Panel Data Analysis”, *Canadian Society of Economic Science* (45th Congress), (Charlevoix, Québec), May 11-13, 2005
- “The Stability and Growth Pact: The Structural Impacts”, *European Commission*, Brussels (Belgium), October 15, 2004
- “European Fiscal Coordination”, Vesalius College, *Free University of Brussels* (Belgium), June 12, 2004 to July 16, 2004
- “Fiscal Policy Rules in a Monetary Union: Incentives and Moral Hazard” (with Fourçans, Andre), *International Trade and Finance Association*, (San Antonio, USA), May 19-23, 2004
- “L’exception économique française: entre volonté politique et réalisme économique” (“The French economic exception: between political will and economic realism”), *University of Nantes* (France), April 7, 2005
- “The Stability and Growth Pact: A Trojan Horse for Structural Reforms?”, *International Atlantic Economic Society*, (Québec, Canada), October 16-19, 2003
- “Open-Source Software Development and Innovation”, *MERIT – Maastricht* (The Netherlands), June 17, 2003
- “One Welfare State for Europe: A Costly Utopia?” (with Hennessy, Peter), *International Trade and Finance Association*, (Vaasa, Finland), May 28-31, 2003
- “Optimal Tax Harmonization in Europe: A Trojan Horse Strategy” (with Fourçans, Andre), *International Trade and Finance Association*, (Vaasa, Finland), May 28-31, 2003
- “Dupont de Nemours and Adam Smith: The Rhetoric of Economic Reforms” (with Prasch, R.), *European society for the History of Economic Thought* (ESHET), (Paris, France), Jan 30-Feb 1, 2003
- “Open-source Software Development and Innovation”, *Cirano* (Montreal, Canada), May 2002
- “Tax Competition in Europe: A War of Attrition Game” (with Fourçans, Andre), *International Atlantic Economic Society*, Paris, France, March 12-17, 2002
- “Tax Harmonization versus Tax Competition: A Game Theoretical Approach” (with Fourçans, Andre), *International Trade and Finance Association*, Washington DC, USA, May 26-29, 2001
- “French Natural Catastrophe Scheme: A Game Theoretical Approach” (with de Marcellis-Warin, N.; MICHEL-KERJAN, Erwann), *Société Canadienne de Science économique*, Québec, Canada, May 16-17, 2001
- “Tax Harmonization versus Tax Competition: A Game Theoretical Approach” (with Fourçans, Andre), *International Atlantic Economic Society*, Athens, Greece, May 13-20, 2001
- “Future Credibility of the European Central Bank”, Middlebury College (USA), January 2001
- “Fiscal Policy and the Eurozone: Do We Need to Handcuff the Policymakers?”(with Fourçans, Andre), *International Atlantic Economic Society*, Charleston, USA, October 15-18, 2000
- Four lectures on Game Theory, ISEG, Lisbon University (USTL) (Portugal), May 24-28, 2000
- “Monetary Union and coordination of fiscal policies: A Signaling Game” (with Fourçans, Andre), *International Atlantic Economic Society*, Montreal, Canada, October 7-10, 1999
- “Eurozone versus USA: A Theoretical Framework for Monetary Strategies” (with Fourçans, Andre), *International Atlantic Economic Society*, Montreal, Canada, October 7-10, 1999
- “Eurozone versus USA: A Theoretical Framework for Monetary Strategies” (with Fourçans, Andre), *International Trade and Finance Association*, Casablanca, Morocco, May 26-30, 1999
- “Euro-Dollar Exchange Rates: A Game Theoretical Approach”(with Fourçans, Andre), *EMU and the Outside World*, Zürich, Switzerland, December 10-11, 1998
- “L’euro : quels sont les enjeux marketing ?”, *Forum de l’Agence Régionale de Développement*, (Clermont-Ferrand, France), October 8-9, 1998
- “Game Theory applied to Macroeconomics. Euro and the EMU Partners Reputation”, *Third Spanish*

*Meeting on Game Theory*, Barcelona, Spain, June 15-17, 1998

- “Le pacte de stabilité et de croissance sera-t-il crédible? De l’autonomie budgétaire nationale à la règle budgétaire européenne” (with Vranceanu, R.), *XVe Journées internationales d’économie monétaire et bancaire*, (Toulouse, France), June 4-5, 1998
- “Crédibilité de la politique de change et UEM: Une explication du différentiel des taux d’intérêt” (with Besancenot, Damien; Vranceanu, R.), *XLVIe Congrès annuel de l’AFSE*, (Paris, France), September 18-19, 1997
- “Asymétrie d’Informations et Crédibilité des Banques Centrales”, *IIIe Colloque International d’économie Publique*, (Brest, France), June 12-13, 1997
- “Crédibilité des Banques Centrales et UEM”, *XIV Journées Internationales du GDR Monnaie*, Orléans, France. June 5-6, 1997

### **Seminars - Participations à un colloque ou séminaire**

- “Data Science and Global Transformations: New Geography, New Distances, and New Technologies”, *Investment Quebec*, Montreal, Canada, June 22, 2018
- Présentation du CIRANO et du Projet Mondo. 9 février 2017.
- Présentation de Mondo International dans un contexte de grappe industrielle. 29 septembre 2016
- Complex Financial Institutions And Systemic Risk (discussant), *IWFSSAS*, Montreal, Quebec, September 24-25, 2017
- Global Economic Symposium (Kiel, Germany), October 12-14, 2015
- Advisory Workshop, Fintech Montreal, March 23, 2015 and March 30, 2015

### **Seminar and Conference Organization - Organisation (congrès, colloque, séminaire, conférence)**

- “Data Science and AI: The Next Frontier for Evidence-Based Policy-Making” (session organizer), *American Economic Association Annual Meeting*, San Diego, USA, January 3-5, 2020
- “Artificial Intelligence, Data Science and Economics at the Crossroads” (session organizer), *American Economic Association Annual Meeting*, Atlanta, USA, January 3-6, 2019
- “Sciences des données et Sciences sociales : regards croisés” (conference co-organizer with N. de Marcellis-Warin), *86e Congrès de l’ACFAS*, May 7-9, 2018
- “European Integration: New Challenges and New Hopes” (session organizer), *American Economic Association Annual Meeting*, Philadelphia, USA, January 5-7, 2018
- “Europe’s Struggles: From Cohabitation to Consolidation... or the Other Way Around” (session organizer), *American Economic Association Annual Meeting*, Chicago, USA, January 7-8, 2017
- “The European Union’s New Institutions: Political Economy and Economic Perspectives” (session organizer), *American Economic Association Annual Meeting*, San Francisco, USA, January 3-5, 2016
- “Monetary Policy and Supervision: What Have We Learned Since 2008?” (with Prasch, R.), *Cirano* (Centre interuniversitaire de recherche en analyse des organisations), Montréal, Canada, November 13-14, 2014
- “*International Trade and Finance Association Annual Conference*” (with de Marcellis-Warin, N.), Montreal, Canada, May 2013
- “Canada-EU trade agreement: which industrial sectors will benefit, and which won’t” (with Stojkov, A., Foucault, Martial), *Cirano-CEUE McGill U. of Montreal*, Montreal, Canada, October 2012
- “Too big to fail financial institutions? International perspective and possible remedies” (with Prasch, R.), *Cirano* (Centre interuniversitaire de recherche en analyse des organisations), Montreal, Canada, September 2011
- “Brazil, Russia, India, China & co.: Myths and Realities about the BRICS” (with de Marcellis-Warin, N.), *Cirano* (Centre interuniversitaire de recherche en analyse des organisations), Montreal, Canada, November 2009
- “The Euro at 10”, *Middlebury College*, Middlebury, USA, November 2008

### **Research funding - Subventions ou commandites de recherche**



## Research Project Funding - Financement de projets et d'activités de recherche

- ZBW - German National Library of Economics (Leibniz Information Centre for Economics, 2015-
- Cirano-BDC-MAECI-MRI-EDC-DEC-QG100: Project on “Quebec’s Economy: International Opportunities and Challenges”, 2013-2015
- Cirano: Project on “The Canada-EU trade agreement: an industrial-sector based analysis” , 2010-2012
- Polytechnique Montreal: Research on (1) “Creation of the ASEAN free-trade area and trade distortion” and (2) “Technology diffusion across the globe” , 2010-2012
- Project on an economic analysis of industrial sectors using hazardous materials (with N. de Marcellis-Warin) , 2008-2010
- Institut de recherche R.-Sauvé en santé et en sécurité du travail (IRSST): Project on “International Risk Management of Hazardous Material Transportation” (with N. de Marcellis-Warin) , 2010-2011
- Inter-American Development Bank (IDB): “Macroeconomic Scenarios for Haiti”, Project related to the implementation of a universal education system in Haiti, time spent in Port-au-Prince , 2010
- World Bank: Project on capacity building for public finances assessment in the FY Republic of Macedonia (time spent in Skopje), 2009
- European Commission – ECFIN DG (Brussels, Belgium): Invited fellow in the Visiting Fellows Programme (grant) , October 9-17, 2005
- Mellon Foundation grant - Middlebury College (USA): Summer research in Lugano (Switzerland) (2008); Summer research in Brussels (Belgium) Research grants (FPDF+Misc), (FRAF), (UCRF), 2001-2010

## Official National Funding - Subvention d'infrastructure d'organismes subventionnaires évaluée par un comité de pair (4922)

- Social Sciences and Humanities Research Council of Canada (SSHRC): Partnership Development Grant for the project entitled “Canadian Northern Corridor Research Program”, PI Jennifer Winter (U. of Calgary), Co-applicant, 2018-2021
- Social Sciences and Humanities Research Council of Canada (SSHRC): 4 POINT 0, Collaborator, 2018-2023
- Social Sciences and Humanities Research Council of Canada (SSHRC): Reputation 2.0 – Recommended but not funded, Co-applicant, 2013-2014
- Social Sciences and Humanities Research Council of Canada (SSHRC): Globalization and Management of Technology, Principal Investigator, 2012-2014
- Social Sciences and Humanities Research Council of Canada (SSHRC): Institutional grant for the project on “Creation of the ASEAN free-trade area and trade distortion”, Principal Investigator, 2010-2011
- Health Canada: Project on identifying the small and medium enterprises’ networks that best relay public policies (with N. de Marcellis-Warin), Co-applicant, 2010-2011

## Research administration activities - Activités d'organisation de la recherche

- HEC Montreal Research Council, member, 2014-2015
- Vice-President at CIRANO, Strategy and International Economics Group, 2011-2016
- ZBW - German National Library of Economics, Leibniz Information Centre for Economics, 2015-Present
- International Trade and Finance Association, Member of the board of directors, 2011-present
- Member of the Advisory Board, Book: “The Internet of Things in the Modern Business Environment”, 2015-2016
- Scientific Committee Member (2017-Present), International Workshop on Financial System Architecture & Stability (IWFSAS) <http://iwfsas.org/iwfsas2019/>
- Scientific Committee Member The World Economy Research Institute’s 13th Annual Conference International Competitiveness and Urbanization Warsaw, June 15, 2018

**Referee Work** PLOS One, International Journal of Emerging Markets, Management International, Journal of Common Market Studies, International Journal of Project Management, Palgrave dictionary of economics, Southern Economic Journal, International Journal of Emerging Markets, International Journal of Economics and Business Research, Global Business and Economics Anthology, New Economy Handbook, Elsevier,

Quarterly Review of Economics and Finance, Blackwell Publishing, Global Economy Journal, Thomson, International Journal of Economics and Business Research, Global Business and Economics Anthology, European Union Politics, Journal of Modelling in Management, American Journal of Political Science, Economics Bulletin, International Studies Quarterly

### **Pedagogical activities - Activités pédagogiques**

#### **Case Studies - Cas et notes pédagogiques**

- “Les méga accords commerciaux : défis ou opportunités pour l’OMC?”, HEC Montreal - WTO Simulation, March 19-22, 2015, 15 pages

#### **Software, Audio-Visual Creations - Production audio-visuelle, logiciels et autres types de matériel**

- Open Science: [www.openscience.nuance-r.com](http://www.openscience.nuance-r.com), Principal Investigator, 2017-
- Open Science: [maps.nuance-r.com](http://maps.nuance-r.com), Principal Investigator, 2017-
- Open Science: [rstudio.hector.nuance-r.com](http://rstudio.hector.nuance-r.com), Principal Investigator, 2016-
- Open Science: [git.hector.nuance-r.com](http://git.hector.nuance-r.com), Principal Investigator, 2016-
- Open Science: [www.drhector.org](http://www.drhector.org), Principal Investigator, 2016-
- Open Science: Mondo International: [www.mondo.international](http://www.mondo.international), Principal Investigator, 2012-Present
- The Chipswar Game, An experimental game based on Ztree

#### **Thesis supervisor - Direction de travaux d’étudiants diplômés**

**Post-Docs and Visiting Professors - Post-doctorat au Cirano** Hosseinali-Mirza V., Polytechnique Montreal (fall 2015), DELLA POSTA, Pompeo, University of Pisa (Italy), (Fall 2014), ONDELANSEK, Kay, hec Montreal (2013-2014), Stojkov, A., Assistant Professor, St Cyrilus and Methodius University, Skopje, Macedonia (2010-2011)

**Internships** KHAFAGY, Mohamed, M.Sc. Toulouse School of Economics, fall 2015, Troadec, Juliette, M.Sc. Toulouse School of Economics, June-August 2015, MATHIEU, Emily, Msc U. of Montreal, January-April 2015, Camara, Thibault, M.Sc. Toulouse School of Economics, June-August 2014

**Ph.D.Theses at HEC Montreal - Direction de thèse de doctorat (6100)** LAKHLEF, Nadjib, committee member, 2014-present, KODORSKI, Ksénia, committee member, 2014-present

**Masters Students at HEC Montreal - Direction de mémoire et travail dirigé de maîtrise en science de la gestion et maîtrise en droit option fiscalité (6200)** Guillaume Sabourin, 2017-2017, R. Leduc, 2016-2017, DAYE DIALLO, Alpha, 2013-2014, KUBARI, Ayman, 2014-2015, MUR, Mathilde, 2014-2015, Traoré, Mamadou, 2014-2015, Sénégas, Thibault, 2014-2016, LABERGE, Caroline, 2016, NANKANI, Kamlesh, 2016, LE GAL, Lyse, 2016, CARON-PREVOST, Claudel, 2015, MOLINA, David, 2014-2015, BASILE, Johanne, 2014-2015, PIRBAY, Siptène, 2014-2015, DUMORNAY, Stanley, DELIS, Jason, YATES, Rachel, GAUVIN, Luc, OUIOMET, Heloise, Oberlé, Marc, FLAVO, Mark, Consulting project in Haiti, 2014

**Ph.D.Theses outside of HEC Montreal - Direction de mémoire et thèse de doctorat à l’extérieur de HEC Montréal (6300)** Polytechnique Montreal:

Hadengue, M., Polytechnique Montréal, Ph.D, 2012-2017, Farnia, F., Polytechnique Montréal, Ph.D, 2012-present, Sanger, W., Polytechnique Montréal, Ph.D, 2014-present, GUO, Qi, committee member, 2015, MIRZA, V., Polytechnique Montréal, Ph.D, 2011-2015

Masters Students outside of HEC Montreal

Polytechnique Montreal:

Digoin, Guillaume, “Firms’ Reputation and Social Media”, M.Sc., 2014-2015, VAKILIAN, Bahram, “e-waste international trade”, M.Sc., 2014, Sanger, W., “Big data and Finance”, M.Sc., 2014, Nembot, B., “Big data and Reputation”, M.Sc., 2014, CLAIRE, Arthur, “International Trade of Recycled Products”, M.Sc., 2014, VERGNE, Guillaume, “International Trade of Recycled Product”, M.Sc., 2014, MONDIN, Christophe, “Behavioral Finance”, M.Sc., 2014, OUCHIKHINE, Vincent, “Oil Volatility: An Experimental Perspective”, M.Sc., 2013, Ghalati, Azam, “Mediterranean Union Integration”, M.Sc., 2012, Normandin, Alban, “Creation of the ASEAN free-trade area and trade distortion”, M.Sc., 2011, DéGA, Cynthie, M.Eng., 2013, SIMARD, Stéfan, “Oligopolies in the Construction Industry in Québec”, M.Eng., 2013, TOURÉ, Abdou, “Offshoring in the airplane industry”, M.Eng., 2013, JUVANON, Romaric, “Firm’s Reputation: A Strategic Asset”, M.Eng., 2013, OKOMOROU, Mauril R. IBARA, “Fabrication additive et réindustrialisation: les enjeux pour les pays développés”, M.Eng., 2013, VALENSI, Jérémy, “Obstetrical Risks and Economic Development”, M.Eng., 2012, RUTYNA, Christophe, “Socio-economic impacts of natural gaz supply in Quebec”, M.Eng., 2012, GARAT, éric, “Research project on Nanotechnologies”, M.Eng., 2012, HANI, Salim, “Refurbished Medical Equipment: A field study & analysis of the Lebanese market, its size, fears and potential”, M.Eng., 2012, LACHAPELLE-NEVEU, Mathieu, “Innovation Implementation at EDF”, M.Eng., 2012, HAMOUD, Naja, “Organizational Changes”, M.Eng., 2012, HAMOUD, Naja, “Process Changes at the Canadian Space Agency”, M.Eng., 2012, POULIOT-DESCHAMPS, Alexis, Bacc., 2012, GUEDIRA, Mehdi, Bacc., 2012, Sanger, W., Bacc., 2011, PROVOST, Valérie, Bacc., 2011, CARPENTIER, Julie, Bacc., 2011, LAZIKA, Victoria, Bacc., 2011, CÔTÉ, Fannie, Bacc., 2011, Ghalati, Azam, Bacc., 2011

Middlebury College (USA) [Honors Theses]

Butera, Rachel, 2009-2010, GRANGER, A., 2009-2010, BECKER, Aaron, 2009-2010, SILBERMAN, Ted, 2009-2010, Mommsen, Mike, 2009-2010, GULLICKSON, Emily, 2009-2010, VELGUE, Frederico, 2009-2010, Clayton, Jessica, 2008-2009, YEO, Pamela, 2008-2009, ERLER, D.a, 2008-2009, SONG, Louise, 2008-2009, ELLENBERGER, Julie, 2008-2009, NUKUSHEVA, Zura, 2008-2009, COUGHLAN, Kelley, 2008-2009, WILLMAN, Abby, 2008-2009, DOYLE, Matthias, 2008-2009, GOLDSTEIN, Jennie, 2008-2009, CHAMBERS, Andrew, 2007-2008, UZUMCU, Gokce, 2007-2008, ERTEM, Irem, 2007-2008, KLEIN, Melissa, 2006-2007, Donahue, K., 2005-2006, Leiter, D., 2005-2006, SCHWARTZ, David, 2003-2004, Wolff, Lindsay, 2003-2004, Janicki, Hubert, 2003-2004, SENDKER, Rebecca, 2002-2003, DAN, Victor, 2002-2003, DOLATABADI, Negar, 2002-2003, Hennessy, Peter, 2002-2003

## **Awards and prizes - Prix et distinctions**

### **Awards, Prizes and Research Distinctions - Bourses et distinctions de recherche**

- Best Poster Prize, Society Risk Analysis (SRA) Annual Conference, “Empires of Risk Analysis: Science, Policy, and Innovation”, Arlington, Virginia 6-10 December 2015
- Best special issue of International Journal of Economics and Business Research titled “The Euro at 10”, B&ESI Prize (Business and, Economics Society International), , 2010
- Finalist for the best PhD dissertation from the Paris Universities’ Chancellery, Gaetan Pirou Prize in Economic and Management Sciences, 2001
- Laureate of the best PhD dissertation award, all disciplines, University of Paris-II Assas, 2000
- Essec PhD Young Scholar Funding, 1995-2000

### **Awards, Prizes and Pedagogical Distinctions - Prix, bourses et distinctions pédagogiques**

- Laureate of the best teacher award, Polytechnique Montreal - Gala Meritas Award, 2013
- Finalist of the best teacher award, Polytechnique Montreal - Gala Meritas Award, 2012
- Laureate of the best teacher award, Polytechnique Montreal - Gala Meritas Award, 2011
- Laureate of the best teacher award, Middlebury College - Marjorie Lamberti Faculty Appreciation Award, 2009
- Finalist of the best teacher award, Middlebury College - Marjorie Lamberti Faculty Appreciation Award, 2006
- Finalist of the best teacher award, HEC Paris - Vernimmen-Paribas Faculty Appreciation Award, 1999

- Laureate of the best teacher award, HEC Paris - Vernimmen-Paribas Faculty Appreciation Award, 1998
- Co-Laureate of the prize for the book “Euro mode d’emploi” (published by Litec, Paris, 1998), Afede prize (French Association of Corporate Economists), 1998

## **Outreach - Rayonnement**

### **Professional Presentations - Présentations lors de colloques, séminaires, conférences, à caractère professionnel**

- “The Future of AI and Its Impact on Society”, James Hunt Library North Carolina State University (Raleigh), February 26, 2020 (with Igor Jablovkov, Michael Rappa, Anna-Maria Echeverri, Jing Zhao, Tom Fisher and James Kotecki)
- “From Artificial Intelligence to Augmented Intelligence in Higher-Education”, French Chamber of Commerce, Seattle, October 21, 2019
- “Data Science as a Pedagogical Innovation for a Business School”, seminar at SKEMA Business School US, Raleigh, NC State Campus, September 18, 2019
- “Data Science and Higher-Education: The SKEMA AI Initiative”, seminar organized for the Bay Area Alumni chapter of SKEMA Business School, San Francisco, USA, June 6, 2019
- “La Pratique des Affaires dans le Cadre de l’AECG”, CIC and la Chambre de Commerce et d’Industrie de Lyon - Entretiens Jacques Cartier, Lyon, France, December 2015
- “Transatlantic cluster cooperation kicks off with fruitful U.S. - EU exchange”, 77 national and regional cluster policy-makers, experts and researchers, Boston and Washington, 17-19 Nov 2015
- “Croissance et incertitudes au XXIè siècle”, Annual Meeting Le Cercle des Présidents, Montréal, Canada, November 10, 2014
- “New Emerging Markets, New Potential Sectors in the XXIst Century”, Annual Meeting QG100, Québec, Canada, October 24-25, 2014
- “Accord économique et commercial global Canada-UE: enjeux et perspectives”, French Chamber of Commerce in Canada, Québec City, Canada, May 27, 2014
- “Accord économique et commercial global Canada-UE: enjeux et perspectives”, Italian Chamber of Commerce Montréal, Canada, March 27, 2014
- “Accord économique et commercial global Canada-UE: enjeux et perspectives”, Société de développement économique du Saint-Laurent, November 14, 2013
- “From Mondovino to”French Women Don’t Get Fat“: Is There A French Economic Exception?”, Essec USA General Assembly - Guest lecturer, New York, USA, March 18, 2005

### **Other Activities - Autres activités**

- RFM Radio Haiti, Enjeux with Rotchild François Junior, “The Global Economy and the 4th Industrial Revolution: Challenges for Emerging and Developing Economies, the Case of Haiti”
- Canadian Bar Association Competition Law Section Affiliate, 2015-2016
- Montreal International, Content Committee Big Data Project, Member, 2015-2016
- Financial Times, Op-Ed
- Le Figaro, Op-Ed
- Newropeans Magazine, Op-Ed
- L’Européen, Op-Ed
- CIRANO, Podcast, “Crise économique III: les trois révolutions inopportunes”, March 2011
- CIRANO, podcast, “Crise économique II: Cassandre ou Zadig?”, February 2011
- CIRANO, Podcast, “Crise économique I: Les Cassandre ont peut-être raison”, January 2011, (8300)
- CIRANO, Podcast, “Re-penser le commerce international: une conversation avec Mr Jarislowsky.”, January 2011
- CIRANO, Podcast, “élections présidentielles de novembre 2010 en Haiti: Ne pas rater le rendez-vous”, Octobre 2010

**Computer Skills** R (expert), Stata (expert), Python, Julia, Matlab (Scilab), Gretl, Apache, Nginx, myPHP, MongoDB, SQL, Wordpress...