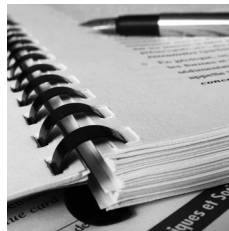
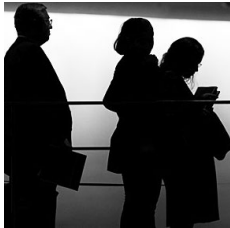


# ANNUAL REPORT IRES 2019-2020

Institut de Recherches Économiques et Sociales



## FOREWORD

The year 2020 will remain in our memories for a long time, and not as a pleasant one. Nevertheless, and while affected by the covid crisis, IRES was very lucky to be able to continue working almost normally.

On the academic side, IRES registered a few major successes. We had the chance to welcome a new outstanding colleague, J. Gomes and published a number of excellent articles, including in the American Economic Review. D. de la Croix was awarded a prestigious ERC grant and we obtained many other exciting research grants, on which we could recruit new young researchers. We wish all the best to F. Docquier, who left us for LISER after 15 years at IRES and with whom we will stay in close contact. But we will dearly miss him.


IRES members have also been very active in the policy debate. S. Tubeuf, who works in health economics, has been in the frontline of our Covid-related research and policy recommendations. The *Service d'Analyses économiques*, led by V. Bodart, produced its forecasts for the Belgian and international economy in very testing times. Our publication series *Regards économiques*, led by M. Dejemeppe, has again shown the commitment of IRES to being active in the public debate.

Many of our planned research events have of course been disrupted from March onwards. We are very much looking forward to getting back to an environment more conducive to exchanges, which provide the backbone of research.

This annual report provides a comprehensive overview of the research output and activities of the Institute for Economic and Social Research (IRES) for the academic year 2019-20, starting on September 1, 2019 and ending on August 31, 2020.

I am grateful to Virginie Leblanc, Sébastien Schillings and Claudine Stage for their contributions to this report. Special thanks to Séverine Dinjar for coordinating the collection of information and for her contribution to the writing of this edition.

Gonzague Vannoorenberghe  
*IRES Research Director*



IRES is a research center of the Université catholique de Louvain (UCLouvain). The center was founded in 1928. With the Center for Operations Research and Econometrics (CORE), the Institut de Statistique (ISBA) and the Louvain Finance (LFIN), IRES belongs to the Louvain Institute of Data Analysis and Modeling in economics and statistics (LIDAM). Within LIDAM, IRES has its own research policy, affiliated researchers and administrative staff. This report provides information about research activities within IRES only.

Since its creation, IRES has always promoted interaction between fundamental research, applied research and policy recommendations in economics. We publish articles in leading international journals and have solid experience in advising policy makers and international institutions on various economic issues.

## IRES IN NUMBERS, 2019-2020

**Researchers:** 19 faculty members, 7 senior researchers, and 33 PhD students, 5 of whom defended their dissertation.

**Publications:** IRES members published 2 books and 28 articles in peer-reviewed journals, with 5 additional papers forthcoming. They also wrote 6 book chapters and almost 50 articles in non-refereed journals or interviews. 36 papers were also published in the IRES Discussion Paper series.

**Citations:** According to the Scopus database, 79 papers written by IRES faculty members have been cited more than 25 times in published journal articles. Google Scholar indicates that 155 papers have been cited more than 50 times in journal articles and working papers. Over the last 12 months, IRES members' publications gave rise to 61 abstract views and 12 file downloads per day, according to RePEc records.

**Events:** IRES members organized 4 conferences during 2019-20. Other conferences were planned but had to be postponed due to covid crisis. Our seminar series (the UCLouvain Economics Seminars, the IRES Lunch Seminars) were again very successful at attracting many external speakers from internationally renowned research centers and universities

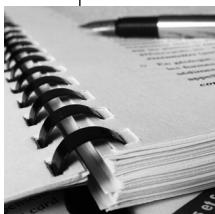
**Network:** Some 60 *Corresponding Members* from foreign universities regularly collaborate with IRES staff members. Our academic staff is involved in international and specialized research networks.

**Policy:** The *Service d'Analyse économique* produced its detailed analysis of short-term economic prospects in Belgium each quarter, complemented by forecasts of the Belgian economy. 7 issues and 3 focuses of *Regards économiques* were published in 2019-20.

More details on our events and publications are available on our website at <https://uclouvain.be/fr/node/9212>



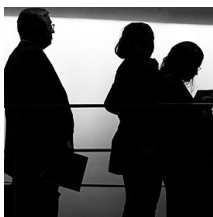
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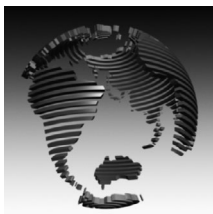


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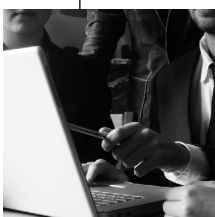


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## IRES staff

This chapter lists the names, functions and fields of expertise of our faculty members, administrative staff, experienced researchers, early-stage researchers and extramural research associates.

- I. Faculty member
- II. Administrative staff
- III. Experienced researchers
- IV. PhD students
- V. Corresponding members

## I. Faculty members

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**In 2019-2020, IRES welcomed Joseph Gomes as new professor**



• **Joseph Flavian Gomes** hails from Kolkata, India. After completing his Bachelor's in Economics, Politics and Mathematics from St. Xavier's College, Kolkata (2004), he went on to do a Master's in Economics from the Delhi School of Economics in New Delhi (2004-2006). After his Masters, he had a two-year stint in the private sector, working in the Analytics wing of Citigroup in Bangalore, before deciding to go for a PhD at the Universidad Carlos III de Madrid. He defended his PhD in 2014. During 2014-2015 he worked as a postdoc at the University of Essex, before taking up an Assistant Professor position at the University of Navarra, where he worked during 2015-2019 (and received tenure in 2019). He joined IRES in September 2019. His research focusses on Development Economics and Political Economy questions exploiting spatial data. In particular, he focusses on questions of identity (ethnicity, language, race, gender etc.) and how they affect socio-economic outcomes. His recent research has shown that sending defection messages over the radio to rebels can encourage defections and mitigate violent conflict. One strand of his research has highlighted the implications of how ethnic groups are distributed in space for ethnic antagonism and thereby the provision of public goods, and how spatially segregated linguistic minorities in Africa suffer from worse child health outcomes due to informational barriers. Another strand of his research highlights the importance of increasing the political representation of women for reducing gender-specific health outcomes such as maternal mortality.

.....  
**In 2019-2020, IRES had 18 other faculty members:**



• **Vincent BODART, Professor of Economics**, is specialized in the analysis of economic conjuncture, macroeconomic forecasts, business cycles and international monetary economics. He has been the Director of the "Service d'Analyse Economique" of IRES since 1997. He is member of the editorial board of *Reflets et perspectives de la vie économique*, editor and member of the editorial board of *Regards économiques*, and Director of the IRES Quarterly Review *Analyses économiques et prévisions*. Vincent has been President of IRES from 2011 to 2017 and acted as President of IMMAQ between 2012 and 2014. He obtained his PhD in Economics from the University of Namur in 1994.



• **Muriel DEJEMPEPE, Professor of Economics**, is specialized in microeconometrics, labor economics and the evaluation of labor market policies. She is co-editor of *Regards Economiques*. She is also a Board member of the "Société royale d'Economie Politique de Belgique". She obtained her PhD in Economics from the Université catholique de Louvain in 2002.



• **David DE LA CROIX, Professor of Economics**, is specialized in demographic economics, economic growth, and development economics. He is member of the editorial board of *Fiscal Studies*, *Cliometrica*, and associate editor of *Journal of development Economics*, and has been editor in chief of *Journal of Demographic Economics* since 2013. David has been the President of IRES since September 2017. He obtained his PhD in Economics from the Université catholique de Louvain in 1992. He is member of the "International Panel on Social Progress" (IPSP). In 2020, he received an ERC Advanced Grant.



• **Philippe DE VILLE, Emeritus Professor of Economics**, is also invited professor at UCLouvain. He is specialized in macroeconomics, economic development and social justice. He obtained his PhD in Economics from Stanford University in 1973.



• **Michel DE VROEY, Emeritus Professor of Economics**, is specialized in the history of modern macroeconomics. He is member of the editorial board of the *European Journal of the History of Economic Thought*. He held visiting positions at the University of Paris-1, the University of Montréal, Duke University, the University of British Columbia and Clemson University. He obtained his PhD in Economics from the Université catholique de Louvain in 1973.



• **Frédéric DOCQUIER, Professor of Economics and Research Associate at the Belgian Fund for Scientific Research (FNRS)**, is specialized in growth and development economics, international migration and population economics. He is member of the editorial board of *Journal of Demographic Economics* and *Regards économiques*. He acted as Research Director of IRES from 2008 until September 2012. He obtained his PhD in Economics from the Université d'Aix-Marseille II in 1995.



• **Fabio MARIANI, Professor of Economics**, is specialized in economic growth, family economics and international migrations. He is the Director of the Research Master in Economics. He obtained his PhD in Economics from the Université catholique de Louvain in 2005. He has been President of LIDAM since September 2019.



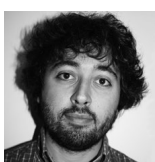
• **Marthe NYSSENS, Professor of Economics**, studies the socio-economic rationale for not-for-profit organizations (associations, cooperatives, and social enterprises). Her recent work focuses on the emergence of different social enterprise models in an international comparative perspective as well as the role of social enterprise in the field of work integration and care. She is the president of the "Emes European Research Network". In 2015, she was elected member of the "Académie royale de Belgique, Classe Technologie et société". She is the president of the "Emes European Research Network", the scientific chair of the COST action "Empowering the next generation of SE scholars" and is affiliated to CIRTES. In 2015, she was elected member of the "Académie royale de Belgique, Classe Technologie et société". Marthe is currently pro-rector in charge of sustainable development. She obtained her PhD in Economics from the Université catholique de Louvain in 1994.



• **Rigas OIKONOMOU, Professor of Economics**, is specialized in quantitative macroeconomics, labor markets, fiscal policy and debt management. He obtained his PhD in Economics from London School of Economics in 2010.



• **William PARIENTE, Professor of Economics**, is specialized in development economics (microfinance, entrepreneurship, health), labor economics, policy evaluation and field experiments. He is also affiliated with JPAL (Jameel Poverty Action Lab) at the Paris School of Economics. William has been the IRES Research Director from September 2012 until December 2017. He obtained his PhD in Economics from the University of Paris 1 in 2007.



• **Luca PENSIEROSO, Professor of Economics**, is specialized in macroeconomics, history of economic thought and economic history. He coordinates the undergraduate program in Philosophy, Politics and Economics. He obtained his PhD in Economics from the Université catholique de Louvain in 2007.



• **Anaïs PERILLEUX, Assistant Professor in social economy**, is specialized in social enterprises, cooperatives and social finance. She mainly focuses on three issues; the governance of social enterprises/cooperatives; social impact evaluation and participation of social enterprises/cooperatives in the socio-ecological transition; social finance and the way social enterprises obtain funding. She is also affiliated to CIRTES (Interdisciplinary Research Center on Work, State and Society and an active member of the international research network EMES (the largest scientific network on social economy). She obtained a Ph.D. in *Economics and Management Sciences* as a FNRS Research Fellow in the Centre for European Research in Microfinance (CERMi) in 2011.



• **Henri SNEESSENS, Emeritus Professor**, is specialized in macroeconomics, labor economics, monetary economics, and quantitative methods. He acted as IRES President in 1994-1998 and 2004-2007. Henri has also been Professor at the Université du Luxembourg where he headed the Center for Research in Economic and Management (CREA) from 2010 to 2014. He obtained his PhD in Economics from the Université catholique de Louvain in 1980.



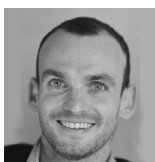
• **Sandy TUBEUF, Professor of Economics**, is specialized in health economics and public health. Sandy was deputy director of the Academic Unit of Health Economics from 2012 to 2018, when she joined UCLouvain. In 2002, she graduated from the Magistère Ingénieur-Economiste at Aix Marseille University and was also awarded a Master in Public Economics from GREQAM (Groupement de recherche en économie quantitative d'Aix-Marseille). She obtained her PhD in economics from GREQAM in 2008.



• **Vincent VANDENBERGHE, Professor of Economics**, is specialized in labor economics, the economics of ageing, human capital, productivity, and applied econometrics. His current research focuses on i) the supply and demand-side barriers to elderly employment, ii) the heterogeneity of work capacity and life expectancy and its implications for pension design, or iii) the effect of age, gender and education on firm-level productivity growth. Since 2015 he is member of the scientific board of «Louvain4 Ageing» at the UCLouvain. He obtained his PhD in Economics from the Université Catholique de Louvain in 1996.



• **Bruno VAN DER LINDEN, Professor of Economics and Research Associate at the Belgian Fund for Scientific Research (FNRS)**, is specialized in labor and public economics, the analysis of optimal labor taxation and evaluation of labor market policies and institutions. He is IZA fellow and CESifo Research Network Fellow. He acted as President of IRES in 2001-2004 and 2008-2011. He obtained his PhD in Applied Sciences from the Université catholique de Louvain in 1987 and a MA in Economics from the same university in 1989.



• **Gonzague VANNOORENBERGHE, Professor of Economics**, is specialized in international trade and international macroeconomics. Gonzague has been the IRES Research Director since December 2018. He obtained his PhD in Economics from the University of Mannheim in 2009.



• **Daniel WEISERBS, Emeritus Professor of Economics**, is specialized in macro economics and econometrics.



In January 2020, **Frédéric DOCQUIER** left IRES and UCLouvain to become the Research Program leader on “crossing borders” at LISER, in Luxembourg. Frédéric spent 15 years at IRES where he was a major contributor to our scientific output, with groundbreaking works in the field of migration. We will dearly miss Frédéric’s energy, passion and dedication to his research, colleagues and PhD students. We cannot overstate his contribution to our research institute in the last 15 years, both from a professional and a personal point of view. We would like to thank him for all this and wish him the best for the next step in his fantastic career. We are very happy that Frédéric is keeping strong links with us, through common research projects and regular visits.

## II. Administrative staff



The IRES administrative staff is made of:

- **Séverine DINJAR**, Administrative director.
- **Sébastien FONTENAY**, Head of logistics.
- **Virginie LEBLANC**, Publications and logistics.
- **Adam LEVAI**, Head of logistics.
- **Cécile MODAVE**, Data manager.
- **Sébastien SCHILLINGS**, Library, communication, editorial office of Journal of Demographic Economics.
- **Claudine STAGE**, Finance, mobility and promotion of research activities.

## III. Experienced researchers

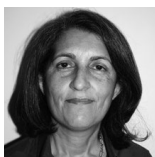


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**In 2019-2020, IRES had 7 experienced researchers:**

- **Marcus BIERMANN**, *Post-doctoral researcher (FNRS)*, is specialized in international trade. He obtained his PhD in Economics at London School of Economics in 2019.
- **Koen DECLERCQ**, *Post-doctoral researcher (FNRS)*, is specialized in education and labor economics. He obtained his PhD in Economics at KULeuven in 2016.
- **Esther DELESALLE**, *Post-doctoral researcher*, is specialized in development economics, education, migration, public policies and geographical economics. She obtained her PhD in Economics at Cergy-Pontoise University in 2018.
- **Ela CALLORDA FOSSATI**, *post-doctoral researcher*, is specialized in economics of social enterprises. She obtained her PhD in development economics at University of Bordeaux in 2014.
- **Elsa LEROMAIN**, *Post-doctoral researcher*, is working on questions related to international trade and the consequences of globalization in developed countries. She is also affiliated to the Centre for Economic Performance in London. She obtained her PhD at Paris School of Economics in 2017.



• **Fatemeh SHADMAN MEHTA, Senior researcher**, is specialized in applied econometrics, with a special interest in macroeconomics and labor economics. She is invited professor at the department of economics. She obtained her PhD in Economics from the Université catholique de Louvain in 1996.



• **Stefaniya VELJANOSKA, Post-doctoral researcher**, is an applied econometrician working in the field of migration, climate change and agriculture. She obtained her PhD in Economics from the Université Paris 1 Panthéon-Sorbonne and Paris School of Economics in 2016.

#### IV. PhD students

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**In 2019-2020, IRES had 33 young researchers.**

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**5 Doctoral students successfully defended their Doctoral Dissertation:**

- Dalal MOOSA (supervised by Bruno Van der Linden)  
 Doctoral dissertation: "Essays in Generational, Labor and Development Economics".
- Riccardo TURATI (supervised by Frédéric Docquier)  
 Doctoral dissertation: "Migration, Culture and Politics".
- Alexandre OUNNAS (supervised by Bruno Van Der Linden)  
 Doctoral dissertation: "Essays on Unemployment, Occupations and Demographics".
- Juliana MESEN VARGAS (supervised by Yannick Vanderborght and Bruno Van der Linden)  
 Doctoral dissertation: "Economic and Ethical Considerations about the Access to an Income".
- José Manuel MOURELLE TEJO (supervised by Henri Sneessens)  
 Doctoral dissertation: "Macroeconomic policies and financial shocks in dollarized economies".

.....  
**28 doctoral dissertations were in progress:**

- Ehui ADOVOR (supervised by Frédéric Docquier and Sandy Tubeuf)  
 Doctoral dissertation: "The Medical Brain Drain – Who, Why and What implications for human development?".
- Pablo AGUILAR (supervised by Luca Pensieroso)  
 Doctoral dissertation: "Data revisions in the Analysis of DSGE Models".
- Douglas AMULI IBALE (supervised by Frédéric Docquier and Muriel Dejemeppe)  
 Doctoral dissertation: "Informal economy: Exploring output, labor and fiscal policy".
- Arno BAURIN (supervised by Jean Hindriks and Vincent Vandenberghe)  
 Doctoral dissertation: "Lifespan heterogeneity, "hazardous and arduous" occupations and pension policy".
- Fabio BLASUTTO (supervised by David de la Croix and Fabio Mariani)  
 Doctoral dissertation: "Essay of partnership choices in developed and developing Countries".

- Boris CHAFWEHE (supervised by Rigas Oikonomou)  
Doctoral dissertation: "Essays on macroeconomic theory and optimal policies".
- François COURTOY (supervised by Rigas Oikonomou)  
Doctoral dissertation: "Essays on Macroeconomics".
- Léo CZAJKA (supervised by William Parienté)  
Doctoral dissertation: "Taxable income elasticity, fiscal administration and market power in low income countries".
- Charles DE BEAUFFORT (supervised by Rigas Oikonomou)  
Doctoral dissertation: "Optimal fiscal and monetary policy expectation management".
- Charles DE PIERPONT DE BURNOT (supervised by Gonzague Vannoorenberghe)  
Doctoral dissertation: "Globalization and inequalities: assessing the impact of transport costs and cultural diversity on spatial economic inequalities".
- Arnaud DESEAU (supervised by David de la Croix)  
Doctoral dissertation: "Three Essays on Growth and Economic Development".
- Annalisa FRIGO (supervised by David de la Croix and Fabio Mariani)  
Doctoral dissertation: "Essays on Family Economics".
- Esmeralda GERRITSE (supervised by Anais Perilleux)  
Doctoral dissertation: "Cooperatives as commons and their sustainability".
- Coralie HELLEPUTTE (supervised by Anais Perilleux)  
Doctoral dissertation: "Assessing social performance in social enterprises: measures of impact and impact of measures".
- Luis HERRERA BRAVO (supervised by Luca Pensieroso)  
Doctoral dissertation: "News shocks and Adaptive Learning".
- Keiti KONDI (supervised by David de la Croix)  
Doctoral dissertation: "Topics in Population and Family Economics".
- Nathan LACHAPELLE (supervised by Muriel Dejemepe)  
Doctoral dissertation: "Three essays in labor economics".
- Adam LEVAI (supervised by Frédéric Docquier and William Parienté)  
Doctoral dissertation: "The Economic Consequences and Determinants of Legal Development: The Cases of Immigration and Access to Justice".
- Olivier MALAY (supervised by Marthe Nyssens)  
Doctoral dissertation: "A compass for a socio-ecological transformation: Designing indicators encompassing the government and the business level".
- Francesco PASCUCCI (supervised by Fabio Mariani)  
Doctoral dissertation: "Essays on Macroeconomics and Family Economics".
- Mathilde POURTOIS (supervised by Muriel Dejemepe)  
Doctoral dissertation: "Labour Market Integration of Low-Skilled Youths in Wallonia: The Role of Information, Income Support and Hiring Subsidies".
- Marion RICHARD (supervised by William Parienté)  
Doctoral dissertation: "Migration and development: a gender perspective".
- Hendrik SCHEEWEL (supervised by Frédéric Docquier and David de la Croix)  
Doctoral dissertation: "On the Welfare Consequences of International Migration".
- Nabil SHEIKH HASSAN (supervised by Vincent Bodart and Bruno Van Der Linden)  
Doctoral dissertation: "Contemporary issues around inequalities in Belgium".
- Yannik SCHENK (supervised by Frédéric Docquier and Joseph Gomes)  
Doctoral dissertation: "Determinants of Labor Mobility"

- Guillermo SANTOS (supervised by Rigas Oikonomou)  
Doctoral dissertation: "Sovereign default in heterogeneous agents models".
- Gaia SPOLVERINI (supervised by Luca Pensieroso)  
Doctoral dissertation: "Intergenerational coresidence and the Demographic Transition".
- Daniele VERDINI (supervised by Gonzague Vannoorenberghe)  
Doctoral dissertation: "Essays in International Trade".

### Job Market Placement

Each year, IRES provides jointly with the doctoral school some support to PhD students and postdocs who are on the job market. We organize mock interviews, and encourage students to present their job market paper at a special session of the doctoral workshop (DW) and at the IRES-Lunch Seminar.

The placement officer for the year 2019-2020 was Professor Johannes Johnen.

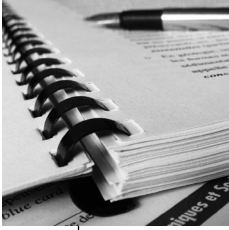
Among our placements in 2020, we are very happy to report that:

- Riccardo Turati joined the Department of Applied Economics of the Universitat Autònoma de Barcelona as visiting professor.
- Juliana Mesen Vargas joined the Universidad de Costa Rica as a professor in economics.
- Alexandre Ounnas works as a Researcher in the Job and Skills Unit at the Centre for European Policy Studies (CEPS).
- Dalal Moosa is an Economist with the Social Protection and Jobs Global Practice at the World Bank.
- Stefanija Veljanoska joined the department of economics of the University of Rennes I as *Maître de Conférence*.

## V. Corresponding members

Our corresponding members are scholars from other institutions collaborating with IRES members. IRES has 60 corresponding members.

More details can be found at <https://uclouvain.be/fr/node/9186>



## Publications and Academic Impact

This chapter covers articles published by IRES researchers during the academic year 2019-20, or forthcoming. It also provides some standard statistics assessing our academic impact.

### I. Academic impact

### II. Publication count

#### **IRES's academic output/impact in 2019-20 was as follows:**

- IRES members published 28 papers and have 5 forthcoming papers in peer-reviewed journals.
- IRES members published 2 books, 6 book chapters (or forthcoming).
- 36 papers were published in our IRES Discussion Paper series.
- The average number of citations per year and g-index of our faculty members are on the rise.
- IRES members have 155 influential publications cited more than 50 times in Google Scholar including 78 contributions with more than 100 citations, and 79 papers with more than 25 citations in the *Scopus database*.
- On average, working papers and published articles of IRES faculty members gave rise to 41 abstract views and 6 file downloads per day in RePEc.

More details can be found in the following sections.

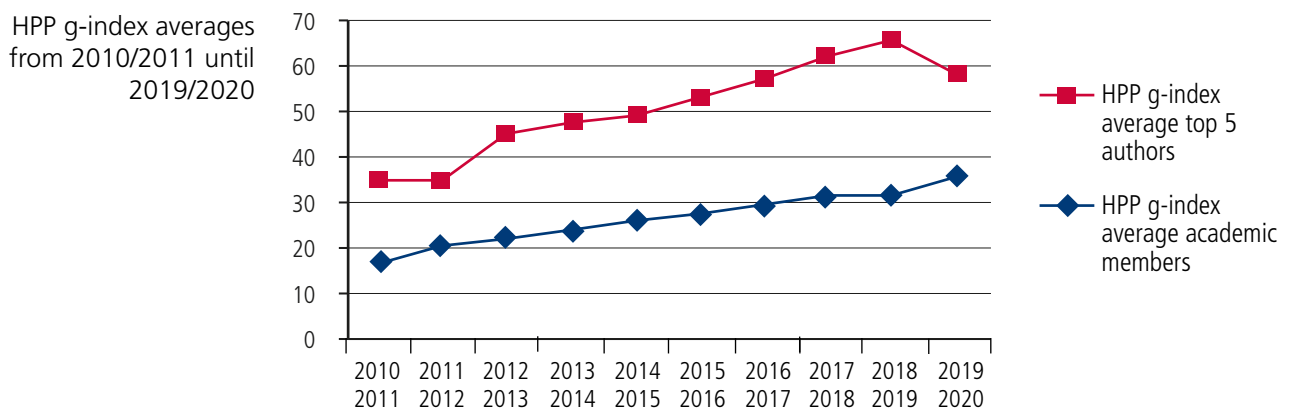
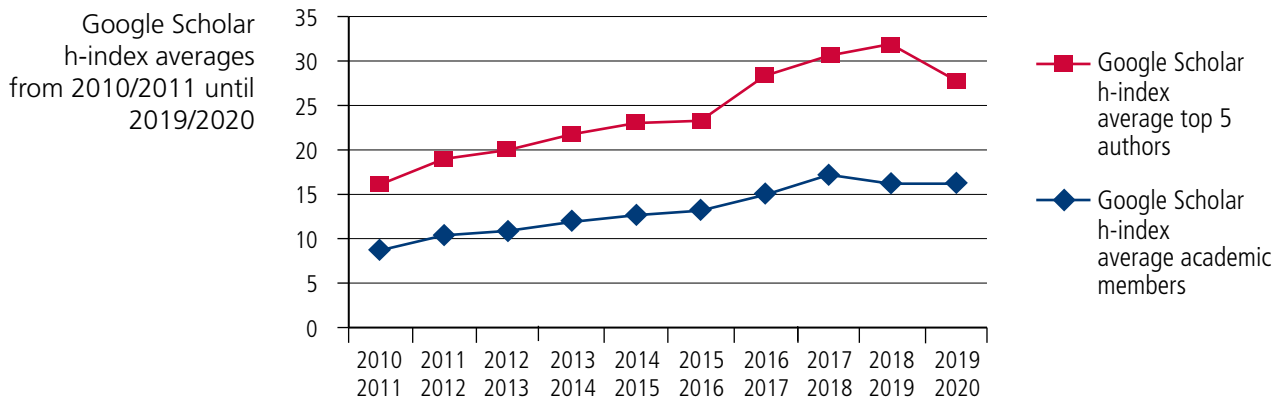
I. Academic impact

Bearing in mind the limitations of indicators of academic impact, we use several metrics to assess the importance of our faculty members' publications: the HPP index based on Google Scholar, Scopus indicators, and RePEc authors' access statistics. Professor Frédéric Docquier left IRES in January 2020 and his publications are not included in this section. This departure explains the decline of some indicators.

**Harzing's Publish or Perish index (HPP)**

HPP considers scholarly citations and calculates a number of citations and impact statistics by field. Raw citations come from Google Scholar. We use five indicators collected from HPP or directly from the authors' Google Scholar webpages, on which authors have the possibility to merge some items. These indicators are:

- the average number of citations per year;
- the h-index, developed by J.E. Hirsch to measure the cumulative impact of a researcher's output. The index looks at the number of citations his or her work has received. A scientist has an index score of h if h of his/her N papers have at least h citations each;
- the g-index, defined by L. Egghe in 2006, adjusts the h-index by giving more weight to highly-cited articles;
- the number of citations of each author's most cited paper;
- the number of papers with at least 50 or 100 citations.



To minimize the risk of counting publications by other researchers with the same name, we restricted our search to the field of “Business, Administration, Finance and Economics”. The authors’ access statistics only include faculty members affiliated to IRES in 2019-2020. The statistics below were computed on October 30, 2020.

During the period 2019-2020 the average score of the 18 current faculty members and the top-5 authors are the following:

- the average h-index was **16.42** for all faculty members, and **27.8** for the top-5 authors; 2018-19 values were 16.38 and 32, respectively;
- the average g-index was **36** for all faculty members, and **58.6** for the top-5 authors, with 2018-19 values of 32.4 and 66.2, respectively.

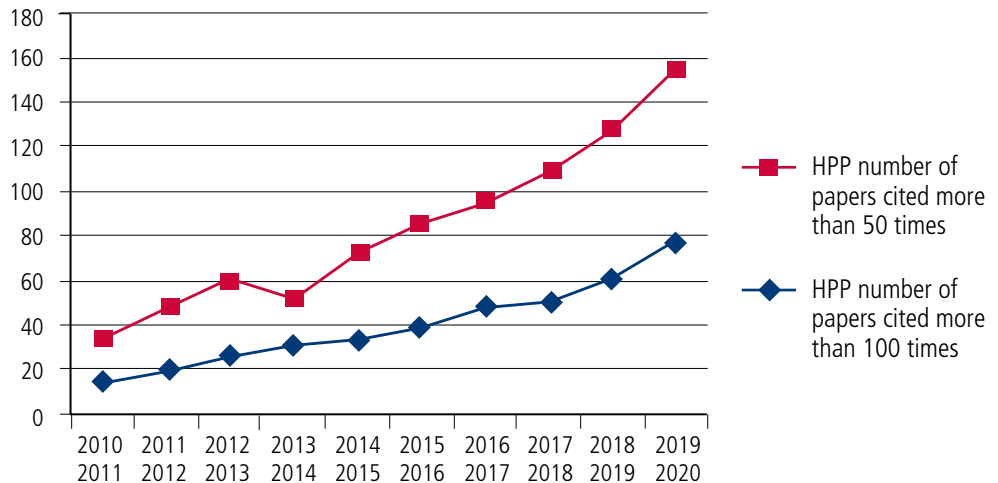
Using the data for all years available in the HPP and Google Scholar databases, the citation statistics are:

- on average, each staff member’s most cited paper counts 360.1 citations, with a corresponding value of 705.2 for the top-5 authors;
- the average number of papers cited more than 100 times is 4.105 per faculty member, and the average value for our top-5 authors is 8.

**Influential contributions to the literature (HPP)**

According to the HPP and Google Scholar databases, between 1996 and 2020 (October 30), **155** influential publications were cited more than 50 times in the literature, including **78** contributions with more than 100 citations (see Appendix A for the list of contribution with more than 100 citations).

Evolution of the HPP number of papers cited from 2010/2011 until 2019/2020



**We report below the 10 most cited publications:**

**1472 Citations for:** Defourny, Jacques; Nyssens, Marthe. *Conceptions of Social Enterprise and Social Entrepreneurship in Europe and the United States: Convergences and Divergences*. In: *Journal of Social Entrepreneurship*, Vol. 1, no. 1, p. 32-53 (2010).

**1014 Citations for:** Defourny, Jacques; Nyssens, Marthe. *Social enterprise in Europe: At the crossroads of market, public policies and third sector*. In: *Policy & Society*, Vol. 29, no. 3, p. 231-242 (2010).

**1006 citations for:** Defourny, Jacques; Nyssens, Marthe. *Social Enterprise in Europe: Recent Trends and Developments*. In: *Social Enterprise Journal*, Vol. 4, no. 3, p. 202-228 (2008).

**903 citations for:** de la Croix, David; Doepke, Matthias. *Inequality and growth: why differential fertility matters*. In: *American Economic Review*, Vol. 93, no. 4, p. 1091-1113 (September 2003).

**683 citations for:** Crépon, Bruno; Devoto, Florencia; Duflo, Esther; Parienté, William. *Estimating the Impact of Microcredit on Those Who Take It Up: Evidence from a Randomized Experiment in Morocco*. In: *American Economic Journal: Applied Economics*, Vol. 7, no. 1, p. 123-150 (January 2015).

**665 citations for:** de la Croix, David; Michel, Philippe. *A Theory of Economic Growth: Dynamics and Policy in Overlapping Generations*. Cambridge University Press: Cambridge, 2002. 0-521-80642-9. 396 pages.

**657 citations for:** Banerjee, Abhijit; Duflo, Esther; Goldberg, Nathanael; Karlan, Dean; Osei, Robert; Parienté, William; Shapiro, Jeremy; Thuysbaert, Bram; Udry, Christopher. *A multifaceted program causes lasting progress for the very poor: Evidence from six countries*. In: *Science*, Vol. 348, no. 6236, p. 772-788 (15 May 2015).

**624 citations for:** Defourny, Jacques; Nyssens, Marthe. *Defining Social Enterprise*. In: *Social Enterprise: between Market, Public Policies and Civil Society*, Routledge: London, New-York, 2006, p. 3-26.

**546 citations for:** Boucekkine, Raouf; de la Croix, David; Licandro-Goldaracena, Omar. *Vintage Human Capital, Demographic Trends, and Endogenous Growth*. In: *Journal of Economic Theory*, Vol. 104, no. 2, p. 340-375 (2002).

**418 citations for:** Devoto, Florencia; Duflo, Esther; Dupas, Pascaline; Parienté, William; Pons, Vincent. *Happiness on Tap: Piped Water Adoption in Urban Morocco*. In: *American Economic Journal: Economic Policy*, Vol. 4, no. 4, p. 68-99 (November 2012).

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**Scopus**

Scopus is a large abstract and citation database of research literature and quality web sources covering about 19,500 titles (mainly peer-review journals, book series, conference proceedings) from more than 5,000 publishers worldwide. Scopus provides citations and h-index statistics by author. Citations in working papers series and unpublished papers are not included. For this reasons, the number of citations per paper is (unsurprisingly) lower than the HPP index, which covers all types of citations. The average h-index of IRES faculty members and top-5 authors were **7.3** and **13**, respectively (compared to 7 and 14.8 in 2019-2020). According to the Scopus, **79** papers authored by IRES members have more than 25 citations (statistics collected on 30<sup>th</sup> October 2020).

**RePEc authors' access statistics**

RePEc (Research Papers in Economics) is a collaborative effort of hundreds of volunteers in many countries to enhance the dissemination of research in economics. The heart of the project is a decentralized database of working papers, journal articles and software components. RePEc collaborates with the American Economic Association's EconLit database to provide content from leading universities' working paper series. The authors' statistics are based on abstract views and file downloads of 855,544 working papers and 1,788,242 journal articles. We computed the statistics below on 30<sup>th</sup> September 2019.

Focusing on the last 12 months, RePEc records 15,060 abstract views and 2,356 file downloads for working papers, as well as 7,157 abstract views and 2,048 file downloads for journal articles. Aggregating working papers and published articles, these numbers represent an average of **61** abstract views and **12** file downloads per day.

### II. Publication count

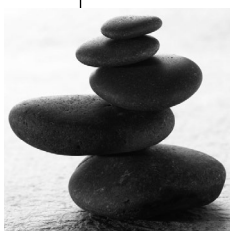
During the academic year from September 2019 to August 2020, IRES members have published 28 papers in peer-reviewed journals, and 5 additional papers are forthcoming. The list of publications includes papers in prestigious journals such as the *American Economic Review*, *Journal of the European Economic Association*, *Journal of International Economics*, *Journal of Economic Growth*, *Review of Economic Dynamics*, *European Economic Review*, *IMF Economic Review*, *Journal of Economic Dynamics and Control*, etc.

In addition, IRES members published 6 book chapters (or forthcoming) and authored or edited 2 books in 2019-20. IRES has produced 36 discussion papers in the IRES DP series. This indicates the success of our institution's objective to promote high-quality academic research and publications in international journals.

We list these contributions in [Appendix B](#).

## IRES research areas

Faculty members of IRES are involved in three main areas of research: (i) macroeconomics, (ii) labor economics, social policies and evaluation and (iii) international economics. For each area, we present a short overview of the research projects that IRES members conducted in 2019-2020, the main publications and the research projects under contracts.



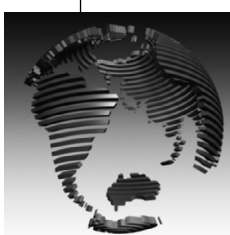
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### Research in macroeconomics - [page 19](#)



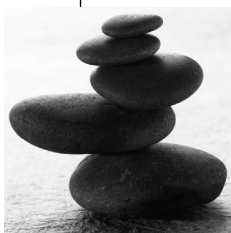
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### Labor economics, social policies and evaluation - [page 24](#)



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### Research in international economics - [page 34](#)



## Research in Macroeconomics

Research in macroeconomics at IRES covers many aspects of macroeconomic theory, including macro-dynamic models (e.g. overlapping generations or Ramsey models), general equilibrium, computational economics and calibration methods, macroeconometric models, quantitative macroeconomics and historical analyses. Our research in macroeconomics is organized around six main areas: short-run macroeconomics, growth and development theories, migration and economic development, quantitative macroeconomics, sustainable growth and the history of macroeconomics.

The faculty members involved are Vincent Bodart, David de la Croix, Michel De Vroey, Frédéric Docquier, Rigas Oikonomou, Fabio Mariani, Luca Pensieroso and Henri Sneessens. The team also includes senior researchers Fatemeh Shadman Metha and Stefanija Veljanoska.

- I. Short-run macroeconomics
- II. Economic development and growth theory
- III. Economic development and migration
- IV. Quantitative macroeconomics
- V. History of macroeconomics and economic history

## I. Short-run macroeconomics

Our team, supervised by Vincent Bodart, analyzes cyclical fluctuations and elaborates short-term forecasts for the Belgian economy. We produce a quarterly detailed report discussing recent economic developments in Belgium and providing short-term economic forecasts. We also analyze business cycle fluctuations and the effectiveness of macroeconomic policies in Belgium.

Another project led by Henri Sneessens in collaboration with Fatemeh Shadman, uses an empirical VAR model to investigate the macroeconomic aspects of sectoral (private/public) wage interactions. The analysis compares four EU countries (two small -Belgium, Luxemburg)- and two large ones -France and Germany-), with or without automatic wage indexation, over the period 1995-1-2015-4.

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### **Main publications in 2019-2020**

Bodart, Vincent; Jean-François Carpentier, *Currency collapses and output dynamics in commodity dependent countries*. In: *Emerging Market Review*, Vol. 42 (March 2020).

## II. Economic development and growth theory

IRES research on growth and development theory has been very active in recent years and has given rise to many publications.

David de la Croix leads several projects in this area. These cover research topics such as the role of demography in the transition from stagnation to growth, the effect of fertility on demographic convergence, the analysis of the impact of institutions such as apprenticeship systems and universities on economic growth or the relationship between the decision to have children (and especially childlessness) and economic development.

Fabio Mariani is currently working on two projects in this area. In the first one (joint with Luca Pensieroso and Marion Mercier) he explores the consequences of growth and structural transformation on human (genetic) diversity, as measured by the prevalence of left-handedness in the population. In another project (joint with David de la Croix and Marion Mercier), he studies the interplay between secularization, human capital and institutions.

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### **Main publications in 2019-2020**

Batya, Anna; de la Croix, David; Pierrard, Olivier; Sneessens, Henri. *Structural changes in the labor market and the rise of early retirement in France and Germany*. In: *German Economic Review*, Vol. 20, no. 4, p. e38-e69 (2019).

Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Endogenous Childlessness and Stages of Development*. In: *Journal of the European Economic Association*, Vol. 18, no. 1, p. 83-133 (February 2020).

de la Croix, David; Fabre, Alice. *À la découverte des professeurs de l'ancienne université d'Aix, de ses origines à 1793*. In: *Annales du Midi : revue de la France Méridionale*, Vol. 131, no. 307-308 (Juillet - Décembre 2019).

de la Croix, David; Schneider, Eric; Weisdorf, Jacob. *Childlessness, Celibacy and Net Fertility in Pre-industrial England: The Middle-Class Evolutionary Advantage*. In: *Journal of Economic Growth*, Vol. 24, no. 3, p. 223-256 (2019).

Pensieroso, Luca; Sommacal, Alessandro. *Agriculture to industry: The end of intergenerational coresidence*. In: *Review of Economic Dynamics*, Vol. 34, p. 87-102 (2019).

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**Research projects under contracts in 2019-2020**

**“Family transformations, incentives and norms” (2015-2020)**

FINANCING: Action de Recherche Concertée (ARC), Communauté française de Belgique

PROMOTORS: D. de la Croix, F. Mariani, E. Rizzi (DEMO)

PROJECT DESCRIPTION: Over the last century, marriage and the family have undergone radical evolutions. New patterns such as blended families or same-sex couples have emerged, divorce rates have increased, and fertility has gone down. These trends are both the cause and the outcome of value changes. By gathering economists from IRES and demographers from DEMO, this project aims at shedding light on the mechanisms that drive this type of family transformations, and on their consequences. Two main research directions will be developed. The first concerns the formation of the couple. It will notably investigate the evolution, drivers and consequences of the matching between partners; the emergence of new forms of marriages and their coexistence with old ones; and the interactions between the degree of endogamy in the society and economic development across time and space. The second part of the project focuses on the construction of the family and choices in terms of fertility, and will notably document the phenomenon of childlessness, the optimal age for pregnancy, and the interactions between religion and fertility. Across these various issues and following the fil rouge of the family cycle – from the formation of the couple to the enlargement of the family –, interactions and complementarities between the two disciplines and their different methodologies are expected to be very beneficial.

### III. Economic development and migration

Our team is involved in several studies on migration, economic development, and global inequality. Selective barriers to international migration prevent low-skilled people from moving internationally. In addition, internal mobility frictions, financial constraints and congestion costs prevent workers from moving within countries, usually from rural to urban regions. These constraints slow down the speed of structural reallocation, and prevent inequality and extreme poverty from declining.

A first project in this line of research, involving Frédéric Docquier and David de la Croix, develops structural models to analyze the links between the brain drain and economic development and to study the optimal allocation of migrants across countries.

A second project, by Frédéric Docquier and his team, investigates how geo-referenced shocks (such as variations in night light intensity, armed conflicts and extreme weather events) affect migration aspirations of young adults in developing countries. This project constructs models that allow quantifying the role of mobility constraints (both within and across borders) in shaping the welfare impact of productivity shocks. Since labor migration has also taken on a new sense of urgency in the face of extreme weather events, this project puts a special focus on expected climate-driven shocks.

In a third project, Frédéric Docquier and his team study the effect of migration on receiving countries. This project speaks to the debates on the societal and economic consequences of immigration in high-income countries. To quantify the potential effects of migration on native citizens in host countries, the team develops general equilibrium models that combine the main transmission mechanisms through which immigration affects welfare and inequality (typically, the labor market, fiscal, price, and productivity channels), and accounts for the interactions between them.

As far as migration is concerned, Fabio Mariani is involved in a fourth project (joint with M. Mercier and T. Verdier) aimed at investigating the role of diasporas in the evolution of conflict in origin countries. Lastly, Fabio Mariani, Luca Pensieroso and Carmen Camacho are investing the relationship between illegal immigration and the shadow economy.

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**Main publications in 2019-2020**

Djajić, Slobodan; Docquier, Frédéric; Michael, Michael S. *Optimal education policy and human capital accumulation in the context of brain drain*. In: *Journal of Demographic Economics*, Vol. 85, no.4, p. 271-303 (2019).

Docquier, Frédéric; Kone, Zovanga L.; Mattoo, Aaditya; Ozden, Caglar. *Labor market effects of demographic shifts and migration in OECD countries*. In: *European Economic Review*, Vol. 113, p. 297-324 (2019).

**IV. Quantitative macroeconomics**

Our team also specializes in macro-labor and macro-fiscal policy and debt management. This line of research studies the impact of household decisions (such as labor supply and saving decisions) on aggregate macroeconomic outcomes. It also examines the properties of optimal fiscal and debt management policies over the business cycle, addressing their effects on the sustainability of debt. These projects are led by Rigas Oikonomou.

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**Main publication in 2019-2020**

Faraglia, Elisa; Marcet, Albert; Oikonomou, Rigas; Scott, Andrew. *Government Debt Management: The Long and the Short of It*. In: *The Review of Economic Studies*, Vol. 86, no. 6, p. 2554-2604 (2019).

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**Research projects under contracts in 2019-2020**

**“Essays in Quantitative Macroeconomics”**

FINANCING: Belgium National Bank

PROMOTOR: R. Oikonomou

PROJECT DESCRIPTION: This project is on quantitative macroeconomics, in particular on models of heterogeneous agents and on optimal fiscal policy models. A first paper analyzes the importance of the secondary market for durables, for the risk sharing opportunities in an incomplete financial market. A second paper is a DSGE model with optimal tax and debt policies applied to the US data.

**“Lack of coordination and debt management in a liquidity trap”**

FINANCING: Belgium National Bank, 2019-2021

PROMOTOR: R. Oikonomou

PROJECT DESCRIPTION: Standard macroeconomic models of optimal debt management (DM) assume that interest rates do not hit the zero lower bound. Yet since 2009 and until 2015, the US has been in a liquidity trap (LT) with interest rates stuck at zero. We argue that the standard insights of the DM literature, that governments should issue long term and nominal debt, do not apply in LTs. We construct macroeconomic models of DM under a variety of institutional setups (experimenting with both coordinated and uncoordinated monetary and fiscal policies) to investigate the optimal structure of debt in a LT. When coordination is lacking between fiscal and monetary authorities, pursuing their respective objectives may lead to conflicting DM strategies with implications for macroeconomic volatility and welfare. Hence, we look at Markov perfect equilibria where the two authorities choose optimal policies and also intervene in the secondary market to buy debt from private agents. In this sense, our framework is suitable to talk about the Federal Reserve’s QE program and also about the debt issuance policies of the Treasury in the Great recession.

**V. History of macroeconomics and economic history**

Michel De Vroey, in collaboration with several co-authors, pursues his long-standing research agenda on the history of macroeconomics. Topics under investigation are the impact of Lucas/Kydland and Prescott’s transformation on introductory textbooks, the controversies over intertemporal substitution of the labor supply and a re-interpretation of the history of macroeconomics under the lens of the Marshall-Walras divide.

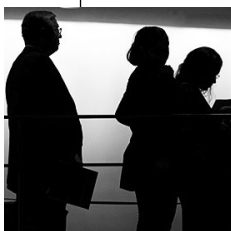
Our third historical topic is the analysis of the Great Depression, using dynamic general equilibrium (DGE) models (led by Luca Pensieroso and Michel De Vroey).

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**Main publication in 2019-2020**

De Vroey, Michel. *Should the history of macroeconomics steer clear of the fray or be partisan? A critical essay on Banks and Finance in Modern Macroeconomics* by B. Inghao and C. Sardonì. In: *Cahiers d’économie politique*, no.78, p. 1-11 (2020).

Clerc, Pierrick; De Vroey, Michel. *Brunner versus Friedman: Diverging Aspirations for the Monetarist Project*. In: *Karl Brunner and Monetarism*, MIT Press: Cambridge, 2020, p. 1-16, forthcoming.

Clerc, Pierrick; De Vroey, Michel. *Robert Lucas*. In: *The Palgrave Companion to Chicago Economics and Economists*, Palgrave-MacMillan, 2020.



## Labor economics, social policies and evaluation

IRES also works on diagnosing the functioning of labor markets, and analyzing the impacts and the design of labor market institutions and of active labor-market policies. In addition, we study social and development policies, labor income taxation and social security contributions, the aging problem, social enterprises, non-profit organizations and public policies related to them, and human capital economics. Research in his field is organized around five areas: unemployment; firm-level evaluation of labor market issues; cooperatives, non-profit organizations, social enterprises and public policies; social policies, poverty and development; and Health economics.

The faculty members involved are Muriel Dejemeppe, Joseph Gomes, Marthe Nyssens, William Parienté, Anaïs Perilleux, Sandy Tubeuf, Vincent Vandenberghe and Bruno Van der Linden. Esther Delesalle, Koen Declercq and Ela Callorda Fossati, senior researchers at IRES, also participate actively in this line of research.

- I. Unemployment
- II. Firm level evaluation of labor market issues
- III. Cooperatives, non-profit organizations, social enterprises and public policies
- IV. Social policies, poverty and development
- V. Health Economics
- VI. The heterogeneity of work capacity and life expectancy and its implications for pension design

## I. Unemployment

The research team led by Muriel Dejemeppe and Bruno Van der Linden is involved in several projects dealing with the causes of unemployment in a range of countries and with the effects of mitigating interventions (unemployment insurance schemes and alternative cash benefits, active labor market policies, labor market and fiscal legislations). Some projects focus on specific groups like the youth and the elderly. Several of these projects are conducted with Bart Cockx (IRES corresponding member) and Koen Declercq, who also focuses on education and labor market issues.

With Jean-François Fagnart and Marc Germain (both associated with IRES), Bruno Van der Linden looks at the interactions between climate change and the functioning of the labor market.

Finally, a last topic in the broad area of labor market participation investigates the effects of interventions supporting self-employment in disadvantaged areas of France (William Parienté).

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### **Main publications in 2019-2020**

Cockx, Bart; Declercq, Koen; Dejemeppe, Muriel; Inga, Leda; Van der Linden, Bruno. *Switching from an inclining to a zero-level unemployment benefit profile: Good for work incentives?*. In: *Labour Economics*, Vol. 64, p. 10816 (2020).

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### **Research projects under contracts in 2019-2020**

**“Scrapping Benefits for Youth: Does it Bring Jobs or Just Misery?” (2017-2021)**

FINANCING: Belgian National Bank

PROMOTORS: B. Van der Linden, M. Dejemeppe, B. Cockx (Ghent U. and IRES)

PROJECT DESCRIPTION: This project studies the impact of the prospect of a loss of eligibility to UI benefits on the transition to employment and some other destinations of young unemployed individuals. Measuring the impact on schooling decisions is also part of the research project. We exploit a policy change in Belgium that occurred in 2015, whereby some young school-leavers lost UI eligibility, while others did not, using a Difference-in-Difference and Triple difference approaches.

**“Labour Market Integration of Low-Skilled Youths in Wallonia: The Role of Information, Income Support and Hiring Subsidies” (2019-2023)**

FINANCING: IWEPS (bourse doctorale IPRA)

PROMOTOR: M. Dejemeppe

PROJECT DESCRIPTION: This research seeks to evaluate, using microeconomic evaluation methods, the role of various and complementary support schemes for low-skilled youth integration on the labour market in Wallonia, a primarily French-speaking region in the southern part of Belgium. The set of schemes that are evaluated ranges from disseminating information in schools about job opportunities and labour market programmes for young school-leavers, hiring subsidies targeted at low-skilled unemployed youths, to financially support those who are long-term unemployed. The analysis is based on both a quasi-experimental approach (difference-in-differences and regression discontinuity design) applied to administrative individual data, and an experimental approach that randomizes information dissemination at the vocational high school level and allows to evaluate its effect on the labour market trajectories of young school-leavers.

**“The Effect of Schengen, the Euro and Local Labour Markets: A Causal Analysis on Cross-Border Workers in Europe” (2018-2021)**

FINANCING: FNR

PROMOTORS: M. Dejemeppe, B. Van der Linden

PROJECT DESCRIPTION: This research programme studies the choice of becoming a cross-border worker. Natural experiments implemented in Europe are exploited. The first work package assesses the impact of the Schengen agreement and the single currency on labour market outcomes of individuals living in the border regions of Europe. The second and third work packages assess the effect of local labour market conditions on cross-border employment. These packages focus on the Belgian-Luxembourgish border. They look at the consequences of the introduction of a Belgian hiring subsidy scheme targeted at low-educated young jobseekers and at the 2012 reform of the Belgian unemployment insurance.

**II. Firm level evaluation of labor market issues**

This research theme involves several researches on labor market issues analyzed at the firm level. In three different projects Vincent Vandenberghe investigates i) the supply and demand-side barriers to elderly employment, ii) the heterogeneity of work capacity and life expectancy and its implications for pension reforms, or iii) the effect of age, gender and education on firm-level productivity growth.

Muriel Dejemeppe and William Parienté also examine in different research projects the role of discrimination and prejudice against minority groups on labor market outcomes at the firm level.

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**Main publications in 2019-2020**

Crépon, Bruno ; Huillery, Elise ; Parienté, William ; Algan, Yann ; Armand, P.A. *Viser la création d'entreprise et accéder à un emploi : résultats inattendus d'une expérimentation.* In: James, Samuel ; Kerivel, Aude, *Lutter contre les discriminations et les inégalités : Enseignements du Fonds d'expérimentation pour la jeunesse*, La documentation française, 2019.

Glover, Dylan ; Pallais, Amanda; Parienté, William. *La discrimination au travail: une prophétie auto-réalisatrice? Expérience dans une grande entreprise de distribution.* In: James, Samuel ; Kerivel, Aude, *Lutter contre les discriminations et les inégalités: Enseignements du Fonds d'expérimentation pour la jeunesse*, La documentation française, 2019.

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**Research projects under contracts in 2019-2020**

**“Sustainable, Adequate and Safe Pensions: Financial architecture, Social justice and Governance” (2018-2023)**

FINANCING: Action de Recherche Concertée (ARC), Communauté française de Belgique

PROMOTORS: V. Vandenberghe, A. Autenne (JURI), P. Devolder (ISBA), A. Gosseries (ISP), J. Hindriks (CORE)

PROJECT DESCRIPTION: The provision of replacement incomes (pensions) for old peo-

ple is among one of the main achievements of modern advanced economies. Historically, the State and other entities successfully organized the provision of public pensions. There is no doubt that this contributed to the wellbeing of elderly citizens. It is also likely to have played a significant role in the reduction of old-age poverty. However, public pension budgets are now increasingly challenged by demographic and economic developments, namely rapid population ageing and increasing longevity combined with slow(er) economic growth. Hence, policymakers around the world are confronted with the challenging task of reforming existing pension systems. This interdisciplinary research project aims at critically assessing the key conditions that a public pension system should fulfill to be successfully reformed. The hypothesis is that there are three such conditions: i) financial sustainability ii) social adequacy iii) safe governance. Hence, the 'SAS' acronym.

### III. Cooperatives, non-profit organizations, social enterprises and public policies

A number of projects in the area of Third Sector and public policy are supervised by Marthe Nyssens and Anais Perilleux and involve researchers from CIRTES (Centre Interdisciplinaire de Recherche Travail et Société – Interdisciplinary Center for Research on Work and Society, UCLouvain).

The focus of this research is the analysis of organizations that combine an economic project, a social or societal mission and a participative governance. In particular, we analyze the specific role of these organizations in fields such as work integration, care, social finance, collaborative economy or the commons. One of the major research projects is the international comparison of social enterprises models (ICSEM) across the world.

#### ..... **Main publications in 2019-2020**

Brolis, Olivier; Nyssens, Marthe. *Does the Mission of an Organization Affect the Quality of Low-Skilled Jobs in Quasi-markets?: A Comparison Between Social Enterprises and For-Profit Organizations*. In: *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, Vol. 31, no. 3, p. 533-549, forthcoming.

Defourny, Jacques; Nyssens, Marthe; Brolis, Olivier. Defourny, Jacques; Nyssens, Marthe; Brolis, Olivier. *Testing Social Enterprise Models Across the World: Evidence from the "International Comparative Social Enterprise Models (ICSEM) Project, in Nonprofit and Voluntary Sector Quarterly*, forthcoming.

Gafni, Hadar; Hudon, Marek; Perilleux, Anaïs. *Business or Basic Needs? The Impact of Loan Purpose on Social Crowdfunding Platforms*. In: *Journal of Business Ethics*, forthcoming.

Defourny, Jacques; Nyssens, Marthe. *La diversité des modèles d'entreprise sociale : nouvelles dynamiques au cœur et aux confins de l'économie sociale*. In: *Marché et organisations*, no. 36, p. 17-38 (2019).

Degavre, Florence; Lemaître, Andrea; Nyssens, Marthe; Defourny, Jacques. *L'économie sociale, un moteur pour la transition sociale et écologique?*. In: *Sociétés en changement*, no.8, p. 1-8 (2020).

Lambert, Louise; Dedeurwaerdere, Tom; Nyssens, Marthe; Brolis, Olivier. *Unpacking the organisational diversity within the collaborative economy: The contribution of an analytical framework from social enterprise theory*. In: *Ecological Economics*, Vol. 164, p. 1-9 (2019).

Malay, Olivier. *Do Beyond GDP indicators initiated by powerful stakeholders have a transformative potential?*. In: *Ecological Economics*, no.162, p. 100-107 (2019).

Defourny, Jacques ; Nyssens, Marthe ; Brolis, Olivier. *Asian Social Enterprise Models in a Worldwide Perspective*. In: Bidet, Eric; Defourny, Jacques, *Social Enterprise in Asia: Theory, Models and Practice* (Routledge Studies in Social Enterprise & Social Innovation), Routledge: Abingdon, 2019.

Gaiger, Luiz Inácio ; Nyssens, Marthe ; Wanderley, Fernanda. *Social Enterprise in Latin America: Theory; Models and Practice*, Routledge: Abingdon, 2019, (Routledge Studies in Social Enterprise & Social Innovation) 330 p.

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**Research projects under contracts in 2019-2020**

**Chaire “Les Petits Riens”: The social economy as a way to tackle poverty”**  
 (2015-2020)

FINANCING: Les Petits Riens (indirect partnership with la Région de Bruxelles capitale)

PROMOTORS: M. Nyssens, A. Périlleux

PROJECT DESCRIPTION: The aim of this project is twofold: to shed some light, through scientific research, on the complexity of the social economy and to provide tools to promote the social and environmental sustainability of enterprises.

Les Petits Riens collects, selects and sells second hand clothes. Although less well known it also implements a wide range of social actions. Indeed, among others, Les Petits Riens host and support more than 300 homeless people every year. Engaged in this Chaire, this social enterprise has chosen a scientific approach to formalize and improve its actions and to share the knowledge acquired during more than 75 years of activity. It believes, indeed, that changing the way enterprises are organized from a social, economic and environmental perspective is a key factor to tackle poverty and exclusion.

Every year the Chaire will choose a different topic relevant for both social enterprises and the academic researchers in the field. This first year, it will investigate the issues and the complexity of social impact measurement. This topic is crucial for social enterprises as they face an increasing pressure from public bodies and private investors in order to prove their social impact. It is also a relevant subject for academic research as social impact measurement raises important theoretical and methodological questions.

**“city4coEN: Collaborative cities for collaborative entrepreneurs”** (2017-2021)

FINANCING: Innoviris Brussels-Anticipate (Prospective Research)

PROMOTORS: T. Dedeurwaedere, O. De Schutter, M. Nyssens

PROJECT DESCRIPTION: This project will conduct a comparative and systematic assessment of advantages and disadvantages of organisational and business models of the collaborative economy in the Region of Brussels-Capital in three specific sectors: mobility, housing and food. The project is a collaboration between 3 Belgian universities (UCLouvain, StLouis and Odisee-KUL).

**“EMPOWER-SE Cost Action”** (2017-2021)

FINANCING: COST

PROMOTOR: M. Nyssens (scientific chair)

PROJECT DESCRIPTION: This Cost Action aims at

- Contributing to a comprehensive understanding of the diversity of SE models emerging across Europe and globally;
- Empowering the next generation of SE scholars, focusing on expanding the SE scientific community to less research-intensive countries where it is still embryonic or non-existing;
- Fostering evidence-based policy from local to European levels and supporting the

development of SE and their eco-systems in synergy with main industry representatives and stakeholders;

- Implementing networking mechanisms to connect fragmented communities and to contribute to closing the gap between the scientific community, policy-makers and society throughout Europe and beyond.

More information at <http://www.empowerse.eu>

## **“Social Enterprises and sustainability: Are cooperatives sustainable social enterprises? A comparative analysis between worker cooperatives and social cooperatives” (2019-2023)**

FINANCING: FSR

PROMOTOR: A. Périlleux

PROJECT DESCRIPTION: Cooperatives, one of the oldest types of social enterprises, have received fresh attention because they can play an important role in social and ecological transition. This research project will focus on the sustainability of worker cooperatives and the new wave of so-called “social cooperatives”. First, it will analyse the resilience of SCOP, the French worker cooperatives, to the recent crisis. Secondly, it will look at “social cooperatives” and investigate their survivability. Thirdly, it will explore the institutional arrangements/governance structure of worker cooperatives and social cooperatives to analyse their similarities and divergences and to see to what extent those organisations can be understood as commons.

## **“Platform regulation and operations in the sharing economy” (2019-2023)**

FINANCING: Action de Recherche Concertée (ARC), Communauté française de Belgique

PROMOTORS: A. Périlleux, P. Belleflamme (CORE), A. Chaturvedi (UNamur), Ph. Chevalier (CORE), J. Johnen (CORE), A.-L. Sibony (JURI), A. Strowel (JURI), J.-S. Tancrez (CORE)

PROJECT DESCRIPTION: In recent years, many innovative sharing economy platforms (SEPs) had a strong impact on their stakeholders: service providers and consumers alike. Platforms change the economy: individuals renting out rooms or driving cars create competition for established hospitality and transport providers (as evidenced by the protests of taxi drivers in cities where Uber operates). SEPs also impact society as a whole: they prompt change in how people plan, travel, meet and eat. Their operation can modify social and economic environment in entire communities (think of Airbnb’s effects on cities’ housing markets and quality of life).

The sharing economy is not only a land of promises but also of great perils. Even fast-growing and global for-profit platforms like Uber are still struggling to make a profit, while the failure rate of startups is higher than in other sectors. Also, many non-profit SEPs fail to stay active. For both types of platforms, the road to success is paved with a number of economic, legal and operational challenges, which directly stem from their innovative business model.

These multifaceted challenges motivate our overarching research question: How can platforms in the sharing economy deliver long-lasting value for their stakeholders and for society as a whole?

Answering this question calls for a truly interdisciplinary approach. Researchers in economics, law and operations worked on SEPs before, but the goal of this research project is to go beyond the intra-disciplinary tunnel vision and foster cooperation between researchers from these disciplines. Our objective with this research project is thus to conduct a fine-grained analysis of the implications of the sharing economy, combining researchers from economics, law and operations.

**“Appréhender la performance sociale dans les entreprises sociales : mesures d’impact et impact des mesures” (2019-2023)**

FINANCING: Innoviris Brussels-Anticipate

PROMOTORS: M. Nyssens, A. Périlleux

PROJECT DESCRIPTION: This project is part of the partnership between CIRTES and the social enterprise Les “Petits Riens”. It aims to develop a transdisciplinary research approach linking scientific knowledge issues and societal challenges, regarding the implementation of social performance indicators in social enterprises. This question is at the heart of scientific and social debates, and raises many controversies. The aim is to deepen, beyond discourse, but based of a concrete and long-term experience, the knowledge on the conditions for implementing social performance measures in a multidimensional approach that takes into account the different political, organizational, epistemological and methodological issues.

**IV. Social policies, poverty and development**

In the field of social policies, poverty and development, we are studying the microeconomic determinants of poverty in developing countries and using field experiments to analyze the effectiveness of specific development policies. Three research projects, led by William Parienté, are focusing on the effects of relaxing either human capital or credit constraints in poor rural areas of Morocco and Pakistan.

Joseph Gomes’ recent research focuses on reducing Maternal mortality, which remains a looming global health problem well into the 21st century. Persistence of high rates of maternal mortality is striking given that the knowledge and technology needed to dramatically reduce it have been available for nearly a century, and the costs of intervention are relatively small. Along with his coauthors, Joseph Gomes investigates the hypothesis that, among other factors, are gendered policy preferences. In particular, that addressing maternal mortality has been a low priority in male-dominated parliaments. His recent findings provide compelling new evidence that large declines in maternal mortality can be achieved by raising women’s political participation.

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**Main publications in 2019-2020**

Cole, Shawn A.; Parienté, Willaim; Sautmann, Anja. “A Revolution in Economics? It’s Just Getting Started... In: *World Development*, vol. 127, p. 104849 (March 2020).

Desmet, Klaus; Gomes, Joseph; Ortuño-Ortín, Ignacio. *The geography of linguistic diversity and the provision of public goods*. In: *Journal of Development Economics*, Vol. 143, p. 102384 (2020).

Gomes, Joseph. *Linguistic Fractionalization and Health Information in Sub-Saharan Africa*. In: *The World Bank Economic Review*, Vol. 34, no. Issue Supplement\_1, p. S20-S25 (February 2020).

Gomes, Joseph. *The health costs of ethnic distance: evidence from sub-Saharan Africa*. In: *Journal of Economic Growth*, Vol. 25, no.2, p. 195-226 (2020).

Mesén Vargas, Juliana; Van der Linden, Bruno. *Why Cash Transfer Programs Can Both Stimulate and Slow Down Job Finding*. In: *IZA Journal of Labor Economics*, Vol. 8, no.1, p. 1-27 (2019).

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**Research projects under contracts in 2019-2020**

**“Optimizing social protection in Egypt”**

FINANCING: Sawiris Foudation for Social Development (SFSD)

PROMOTORS: W. Parienté, A. Osman (University of Illinois at Urbana Champaign), R. Assad (University of Minnesota)

PROJECT DESCRIPTION: Governments and development organizations expend a lot of effort trying to help the poorest of the poor. Oftentimes, this segment of the population requires significant assistance in the form of consumption support (i.e. cash transfer), but also complimentary services like healthcare, savings support, mentorship as well as training and capital to help them start and maintain an income generating activity (IGA). This is the idea of the internationally admired “graduation program” that was started by BRAC International and has a strong base of rigorous evidence that showcases its success across a variety of countries.

Arguably the most important (and the most expensive) part of their program is their support of the poor in pursuing an income generating activity (IGA). This often takes the form of some kind of livestock transfer or capital to start a microbusiness (like a fruit-stand, or barbershop, etc.) in addition to some basic training. There are many open questions about the best way to help get this income generating activity off the group and how to make sure it is efficient, profitable and sustainable.

For instance, does it make more sense to restrict the options people have and, for instance, train everyone on how to raise livestock so that they can help each other when problems arise and work together to get the best prices for their goods? Or is it better to give people more options to choose what they think they will be best at, even if this is more costly due to the costs of sending more specialists out to the field to provide a variety of skills and support?

Another important question is how this type of support for the poor affects the overall economy. In particular, does providing assistance to the poor help others in the village and how does it change village-level outcomes? One could imagine that helping the poor lead more productive lives could have positive spillover effects on others in the community. It could lead to more wealth generation, more work for the village and less of a need for others in the village to support the poor freeing up resources to go towards investment in other businesses or into public goods or education. By measuring these spillovers we will be able to showcase how helping the poor could be a good strategy for helping others and for growing the overall economy.

**“Tailor-Made Microcredit in Rural Morocco. Experimental Evidence on Loan Take-Up and Poverty Impacts”**

FINANCING: Innovation for Poverty Action (IPA)

PROMOTOR: W. Parienté

PROJECT DESCRIPTION: We use an RCT in rural Morocco to test whether matching loan repayments more closely with expected entrepreneurial cash flows increases the take-up and poverty impact of microcredit. The RCT combines subsequent interventions at the individual level (an estimated 3,600 participants across 40 branches) and the village level (320 villages). We introduce two new forms of individual-liability ‘tailored’ microcredit. The first loan contract has a repayment schedule split into three equal periods. The borrower and loan officer jointly decide on the monthly amount that the borrower repays in each of these three periods. The second contract is one where the borrower only pays interest during a 5-month grace period (and both interest and capital thereafter). The control loan has a standard, rigid contract. The main outcome variables at the individual level are credit access, loan quality (repayment behavior), incidence and profitability of self-employment, household income and consumption, and hours worked by household members. The main outcome variables at the village level are loan take-up and repayment quality.

## V. Health Economics

Health economics is recognized as a critical component of multidisciplinary translational: with increasing health care expenses, assessing the costs and the benefits of health programs has become key to policy-makers and the demand for health economics input to research is therefore expected to grow in the future. Sandy Tubeuf uses quantitative economics methods to investigate socially and politically highly relevant topics in health, healthcare use and healthcare access. The portfolio includes research work on the measurement of health, the construction of health inequalities and inequalities of opportunity.

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**Main publications in 2019-2020**

Bricard, Damien; Jusot, Florence; Trannoy, Alain; Tubeuf, Sandy. *Inequality of opportunities in health and death: an investigation over the lifespan in Great Britain*. In: *International journal of epidemiology*, forthcoming.

Banse, Emilie; Bigot, Alix; De Valkeneer, Christian-Paul; Lorant, Vincent; Luminet, Olivier; Nicaise, Pablo; Smith, Pierre; Tubeuf, Sandy; Wuillaume, Amélie. *Quelques enseignements sur les impacts sociaux et économiques de la stratégie de réponse à la pandémie du coronavirus en Belgique*. In: *Louvain médical*, Vol. 139, no. 05-06, p. 375-382 (2020).

House, Allan; West, Robert; Smith, Chris; Tubeuf, Sandy; Guthrie, Else; Trigwell, Peter. *The effect of a hospital liaison psychiatry service on inpatient lengths of stay: interrupted time series analysis using routinely collected NHS hospital episode statistics*. In: *BMC Psychiatry*, Vol. 20, no.1, p. 1-8 (2020).

Murray, Jenny; Wickramasekera, Nyantara; Eilings, Marjolein; Bragg, Rachel; Brennan, Cathy; Richardson, Zoe; Wright, Judy; Llorente, Marina; Cade, Janet; Shickle, Darren; Tubeuf, Sandy; Eley, Helen. *The impact of care farms on quality of life, depression and anxiety among different population groups: A systematic review*. In: *Campbell Systematic Reviews*, Vol. 15, no. 4, p. 1-61 (2019).

Setti Raïs, Ali; Tubeuf, Sandy. *(In)-equality in the allocation of R&D resources for rare diseases*. In: *Social Justice Research*, Vol. 32, no. 3, p. 277-317 (2019).

Smith, Chris; Hewison, Jenny; West, Robert M; Guthrie, Elspeth; Trigwell, Peter; Crawford, Mike J; Czoski Murray, Carolyn J; Fossey, Matt; Hulme, Claire; Tubeuf, Sandy; House, Allan. *Liaison psychiatry—measurement and evaluation of service types, referral patterns and outcomes (LP-MAESTRO): a protocol*. In: *BMJ Open*, Vol. 9, no.11, p. e032179 (2019).

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**Research project under contracts in 2019-2020**

“Healthcare use and immigration in Europe” (2019-2021)

FINANCING: FSR SEED 18

PROMOTOR: S. Tubeuf

PROJECT DESCRIPTION: This project funds a doctoral research fellow (Luigi Boggian). It aims to assess discrimination in healthcare access and utilisation focusing on the situation of immigrant groups in Europe. The reduction of barriers both on the supply and the demand side of healthcare is essential to ensure horizontal equity and allow individuals with equal need to receive equal treatment, irrespectively of their socioeconomic status.

“Foetal vs contemporary climate conditions on adult physical and mental wellbeing.” (2020)

FINANCING: Eastern Arc Grant

PROMOTOR: J. Gomes, Sonia Bhalotra (Essex), Irma Clots (Kent)

PROJECT DESCRIPTION: This project proposes to offer a new perspective on wellbeing by investigating its foetal origins. In particular, we will provide one of the first estimates of impacts of climate variation in utero and in the early postnatal period on subjective wellbeing. Most of us would report feeling happier on a sunny day and this is ratified using reported happiness and sunshine on the day of interview. There are potential economic consequences of this behavior, for instance, previous research suggests that more optimistic financial decisions are made on the stock market on sunny days. However, there is limited evidence of whether variation in early life exposure to sunshine heat or pollution has persistent effects on physical and mental health. The proposed research will contribute novel evidence to a growing literature on wellbeing and mental health. It will also contribute to a multi-disciplinary literature on climate change and to a literature documenting large and irreversible effects of the early life environment on adult outcomes.

**VI. The heterogeneity of work capacity and life expectancy and its implications for pension design.**

This research theme involves several researchers involved in the SAS (Sustainable, Adequate & Save)-Pensions projects. Vincent Vandenberghe and Arno Baurin are studying the magnitude, determinants and implications for pension design of individual heterogeneity in terms of longevity, health or work capacity.

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**Main publications in 2019-2020:**

Vandenberghe, Vincent. *Health, Cognition and Work Capacity Beyond the Age of 50: International Evidence on the Extensive and Intensive Margin of Work*. In: *International Labour Review*, forthcoming.

Vandenberghe, Vincent. *Augmenter la durée des carrières: La seule réponse possible au vieillissement ?*. In: *L’emploi et ses nouveaux défis: Vieillissement, digitalisation, migration & (dé)mondialisation: Actes du 23<sup>e</sup> Congrès des économistes*, Editions de l’Université Ouverte, 2019, p. 75-88.

Vandenberghe, Vincent; Bughin, Jacques; Dhyne, Emmanuel; Jousten, Alain; Volral, Mélanie; van Zeebroeck, Nicolas. *L’emploi et ses nouveaux défis: Vieillissement, digitalisation, migration & (dé)mondialisation: Actes du 23<sup>e</sup> congrès des économistes*. Editions de l’Université Ouverte: Charleroi, 2019. 978-2-87306-154-8. 405 pages.



## Research in International Economics

IRES research in international economics focuses on trade and factor mobility. We have projects on export participation and firm-level performance and on the demand-driven determinants of trade flows. The determinants and implications of factor mobility is another important area for us. This includes international movement of skilled and unskilled workers and the links between factor mobility and economic development and income inequality between nations. Research in international economics is organized around four main areas: Deep trade integration; trade, risk and volatility; geographical mobility of labor; and globalization, development and inequality.

The faculty members involved are Frédéric Docquier, Joseph Gomes, Fabio Mariani and Gonzague Vannoorenberghe. Marcus Biermann, Elsa Leromain and Stefanija Veljanoska, senior researchers at IRES, also participate actively in this line of research.

- I. Deep trade integration
- II. Trade, risk and volatility
- III. Geographical mobility of labor
- IV. Globalization, development and inequality

## I. Deep trade integration

The new generation of trade agreements, such as the ones signed between the EU and Japan or the EU and Canada (CETA) go much beyond traditional tariff reductions and have at their core the dismantling of many non-tariff barriers. These raise a number of questions about regulatory convergence, the recognition of foreign standards (e.g. should hormone-fed beef be allowed for consumption) and investment protection. Many in the public debate fear a loss of national sovereignty, implying a lower consumer protection and unfair competition to local, high-quality producers. Gonzague Vannoorenberghe studies the design of these new trade agreements and investigates their consequences for international trade patterns and welfare.

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**Main publications in 2019-2020:**

Breinlich, Holger; Leromain, Elsa; Novy, Dennis; Sampson, Thomas. *Voting with their money: Brexit and outward investment by UK firms*. In: *European Economic Review*, Vol. 124, p. 103400 (2020).

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**Research projects under contracts in 2019-2020**

"The economics of deep trade agreements." (2019-2022)

FINANCING: FNRS

PROMOTORS: G. Vannoorenberghe, M. Parenti (ULB)

PROJECT DESCRIPTION: The project develops a framework to analyze the economic consequences of deep trade agreements. Most existing trade models are ill-equipped to address these questions as they restrict trade liberalization to be similar to a reduction in tariffs. Our project addresses these shortcomings by considering quality standards as a legitimate way to curb consumption or production externalities, and not only as a way to protect the national industry. In this setup, we derive the conditions under which new trade agreements are welfare improving, and provide guidance as to when countries should mutually recognize their standards or not. We also address the role of new trade agreement for international tax competition.

## II. Trade, risk and volatility

While typically seen as a source of economic growth, international trade also affects the risk faced by countries, industries or firms. Being open to foreign market may raise their exposure to foreign shocks, but also makes them less sensitive to domestic shocks. Gonzague Vannoorenberghe investigates theoretically and empirically whether involvement in international trade acts as a source of volatility or of stability for different economic actors, with a particular focus on the variables mediating that relationship. While increased risk may not be a major concern in the presence of perfect markets and a high mobility of production factors, Gonzague Vannoorenberghe shows that increased risk has a differential impact on different groups and can generate welfare costs even in the presence of mild policy distortions. He notably investigates the effect of trade-induced risk on unemployment, the movement of labor across sectors, and the support for redistributive policies.

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**Main publications in 2019-2020:**

Hinz, Julian; Leromain, Elsa. *Critically Important: The Heterogeneous Effect of Diplomatic Tensions on Trade*. In: *Review of Industrial Organization*, Vol. 57, p. 309-331 (2020).

### III. Geographical mobility of labor

The recent refugee crisis placed migration policy in the forefront of the global policy debate. Trends for the world economy suggest that there may be further episodes of large-scale migration in the future. However, despite considerable improvements in the recent literature, little is known about the root drivers of long-run trends in the size and structure of migration. Similar gaps exist in our understanding of the interplay between internal and international migrations, of the effects of policy reforms on migration flows or their coherence with other policies. Frédéric Docquier and his team aim at developing stronger conceptual tools to better understand and model global migration patterns. We have three objectives: (i) to gain understanding of the long-run root drivers of international migration and of their complex interactions with the socio-demographic, climatic, institutional and economic environments, (ii) to produce integrated projections of migration, population, and global inequality, and (iii) to use the knowledge base to assess the effectiveness and policy coherence of the legal framework. The project goes beyond the state of the art in combining traditional and innovative sources of data (e.g., big data on cell-phone owners' mobility, worldwide opinion surveys on migration intentions, geo-referenced data on population changes, comparative data on immigration laws and policies), and in developing new methodologies for processing and analyzing them (e.g., data mining, machine learning, migration accounting models).

A second project, led by Fabio Mariani, looks at the role of self-selection in determining the criminal behavior of migrants in destination countries. To do this, he develops a theoretical framework with joint location/migration and career (i.e. criminal vs productive) decisions.

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#### **Research projects under contracts in 2019-2020**

**"New approaches to understanding and modelling global migration trends"**  
(2018-2023)

FINANCING: Action de Recherche Concertée (ARC), Communauté française de Belgique  
PROMOTORS: Fr. Docquier, Ph. Bocquier (DEMO), J.-Y. Carlier (JURI) et P. Schaus (ICTM)

PROJECT DESCRIPTION: The recent refugee crisis placed migration policy in the forefront of the global policy debate. World economy trends suggest that there may be further episodes of large-scale migration in the future. In this context, GLOBMIG is a 48-month project that aims at developing stronger conceptual tools to better understand and model global migration patterns. It has assembled a team of economists, demographers, lawyers, and computer scientists around three objectives: (i) to gain understanding of the long-run root drivers of international migration and of their complex interactions with the socio-demographic, climatic, institutional and economic environments, (ii) to produce integrated projections of migration, population, and global inequality, and (iii) to use the knowledge base to assess the effectiveness and policy coherence of the legal framework. Despite considerable improvements in the recent literature, little is known about the root drivers of long-run trends in the size and structure of migration, about the interplay between internal and international migrations, or about the effects of policy reforms on migration flows and about their coherence with other policies. GLOBMIG aims at shedding light on these issues. It goes beyond the state of the art in combining traditional and innovative sources of data (e.g., big data on cell-phone owners' mobility, worldwide opinion surveys on migration intentions, geo-referenced data on population changes, comparative data on immigration laws and policies), and in developing new methodologies for processing and analyzing them (e.g., data mining, machine learning, migration accounting models). The project is divided into two phases and six work packages. In the first "designing phase" of the project, general modelling tools will be developed, the inventory and assessment of migration laws and policies will be produced, and the exploratory analyses of innovative data sources will be conducted.

In the second “operational phase” (24 months), we will produce specific knowledge on the links between international migration, internal migration, migration policies, demographic changes, climatic factors and conflicts.

#### IV. Globalization, development and inequality

Together with Esther Delesalle (senior researcher) and Florian Mayneris (corresponding member), William Parienté and Gonzague Vannoorenberghe examine the redistributive effects of globalization both in developed and in developing countries as part of an EOS project. The project aims to improve on both the measurement and empirical analysis of the heterogeneous impact of globalization using unique and rich micro-data, at the firm-, regional, and household-level.

In a second project, Gonzague Vannoorenberghe uses international trade data to proxy for income inequality within countries. Relying on the fact that consumption patterns differ with income, he develops a method to measure the change in a country’s income inequality based on the change of its import patterns.

Fabio Mariani is involved in a project (joint with P. Giordani) aimed at understanding how the revival of protectionism in industrialized countries may be related to the “ascent of the educated class” and the implied lack of redistribution towards the losers from globalization.

Antagonism between ethnic groups has a profound impact on political economy outcomes as is evidenced by racial tensions in the US, ethnic conflicts in Africa or religious repression in India. Globalization further exacerbates intergroup tensions by creating group-specific winners and losers. Joseph Gomes is currently investigating the effects of globalization on intergroup conflict in Africa and elsewhere. His research exploits novel data on the spatial distribution of ethnic groups, constructed using state-of-the-art techniques, combined with a myriad of other geo-localized datasets. In particular, he is interested in identifying the effects of openness to international trade on intergroup relations and violent conflict, in addition to identifying the winners and losers of globalization.

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**Main publications in 2019-2020**

Armand, Alex; Atwell, Paul; Gomes, Joseph. *The Reach of Radio: Ending Civil Conflict through Rebel Demobilization*. In: *American Economic Review*, Vol. 110, no. 5, p. 1395-1429 (2020).

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**Research projects under contracts in 2019-2020**

“Sources of change in comparative advantage and policy implications” (2017-2020)

FINANCING: FSR

PROMOTOR: G. Vannoorenberghe

PROJECT DESCRIPTION: The project develops a methodology to identify the determinants of long-run changes in comparative advantage across countries. These changes affect the specialization patterns of a country, and have deep consequences for workers and firms as they come with substantial adjustment costs. The project aims

to better understand the sources of changes in comparative advantage, and to help the evaluation of policies designed to accompany them.

**“Winners and Losers from Globalization and Market Integration: Insights from Micro-Data”**

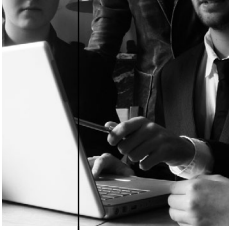
FINANCING: FNRS: EOS (reference number 30784531)

PROMOTORS: Fr. Docquier, J. Gomes, W. Parienté, G. Vannoorenberghe (local coordinator)

PROJECT DESCRIPTION: The process of globalization, and market integration more generally, has created winners and losers, across regions of the world, but also within regions across various individuals and producers, both in developed and developing countries. The traditional recommendation by economists has been to create conditions that allow ‘smooth’ structural adjustments, such that those who lose can move to sectors or occupations that gain, or that at least losers are compensated. While this is rather straightforward “in theory”, in practice costs and benefits of restructuring are not easy to identify and redistribute in real time, which may create substantive losses even in the medium term.

In this project we plan to improve on both the measurement and empirical analysis of the heterogeneous impact of globalization using unique and rich micro-data, at the firm-, region-, and household-level. Throughout the different parts and working packages of our project, we focus on measurement and a more detailed micro-analysis, to identify the heterogeneous effects across a variety of settings, and we do so with a modern view of globalization and market integration — i.e., that trade is more than a mere flow of goods between countries, as traditionally modeled in international trade theory. Firms, the mix of workers they employ to produce a set of differentiated products, and the globally spread production process is central in the analysis. We therefore focus on all three relevant margins of globalization: firms, households and space (cities) in this project.

The different working packages (WPs) share a common focus on micro-data and empirical analysis through state-of-the art micro-econometric techniques, that in part have been developed by the PIs of this project. We rely on a combination of new, and unique detailed datasets which have either been collected by other organizations, or by our own research teams. The coverage of the data and the project is global and local at the same time. The overall project will cover many countries, both rich and poor; but the focus of the specific working packages is local which is inherent in the use of detailed micro-data.



## Interactions with decision-makers

Since its creation in 1928, IRES has always promoted deep interactions between fundamental research, applied research and policy recommendations in economics. Our members have a solid experience in advising policy makers and international institutions on various issues related to the labor market, the business cycle and macroeconomic policies, growth policies, development and migration policies or trade policies. We describe the main interactions between our scholars and public or private decision-maker below.

- I. Regards Économiques
- II. Short run forecasts of the SAE (Service d'analyse économique)
- III. Articles in newspapers and magazines and others publications  
2019-2020

## I. Regards Economiques

*Regards Economiques* is a publication series of the economists of UCLouvain. It was created in 2002 by IRES and publishes (mostly in French) economic analyses on various socio-economic issues in a pedagogical and non-technical language to reach a large audience. It reflects the willingness of the economists from UCLouvain to get more involved in the socio-economic debate, particularly in Belgium, and to contribute more directly to the understanding of socio-economic issues. *Regards Economiques'* prime aim is to help and inform policy makers, business companies, non-profit organizations, but also teachers and students.

The editorial committee is made of academics from UCLouvain. The purpose of the editorial committee is: (i) to incite economists from UCLouvain to write articles and to promote some diversity in the covered subjects, (ii) to check the scientific quality of the published articles and (iii) to ensure that the articles are written in a language open to a large audience. The distribution of *Regards Economiques* is mainly electronic. The persons who take out a subscription to *Regards Economiques* receive an email announcing each new issue, which they can freely download in pdf format on the web site at <http://www.regards-economiques.be>.

The co-editors are Muriel Dejemeppe and Vincent Bodart. The editorial board also includes: Paul Belleflamme (CORE), Gilles Grandjean (CEREC), Jean Hindriks (CORE), William Parienté (IRES), Sandy Tubeuf (IRES) and Frédéric Vrins (CORE).

### **From September 2019 to July 2020, seven issues of *Regards Economiques* have been published:**

- **Issue 150** (September 2019), *Une alternative à la pension à points : le compte individuel pension en euros*, by Pierre Devolder. This article has been downloaded 3782 times.
- **Issue 151** (October 2019), *Quels sont les métiers pénibles ?*, by Arno Baurin, Jean Hindriks. This article has been downloaded 1731 times.
- **Issue 152** (November 2019), *Etat providence et fractures sociales. Nouveaux défis*, by Mathieu Lefebvre, Pierre Pestieau. This article has been downloaded 1328 times.
- **Issue 153** (December 2019), *BREXIT : enjeux et conséquences économiques*, by Elsa Leromain, Gonzague Vannoorenberghe. This article has been downloaded 1483 times.
- **Issue 154** (December 2019), *Maladies rares : des enjeux pour les économistes*, by Settis Raïs Ali, Sandy Tubeuf. This article has been downloaded 1021 times.
- **Issue 155** (January 2020), *Perspectives économiques 2020*, by Gautier Attanasi, Vincent Bodart, François Courtoy, Sébastien Fontenay, Nathan Lachapelle, Alexandre Ounnas, Mathieu Sauvenier. This article has been downloaded 983 times.
- **Issue 156** (July 2020), *Perspectives économiques 2020-2021*, by Gautier Attanasi, Vincent Bodart, François Courtoy, Sébastien Fontenay, Nathan Lachapelle, Alexandre Ounnas, Mathieu Sauvenier. This article has been downloaded 617 times.

### **3 «focus» (short article) of *Regards économiques* has also been published:**

- **Focus 23** (February 2020), *A propos de la proposition du ministre Koen Geens de donner cinq voix à chaque électeur*, by Pierre Dehez, Victor Ginsburgh.
- **Focus 24** (April 2020), *L'assurance-chômage belge face à la crise du COVID-19/De Belgische werkloosheidsverzekering in Coronacrisis*, by Bart Cockx, Koen Declercq, Muriel Dejemeppe, Bruno Van der Linden.
- **Focus 25** (June 2020), *Mainstream et pluralisme en économie. Une réponse au rapport de Rethinking Economics Belgium*, by Michel De Vroey, Luca Pensieroso.

All these issues and focus are downloadable in French.

### II. Short-run forecasts of the SAE (Service d'analyse économique)

Every quarter, the SAE produces a detailed analysis of short-term economic prospects in Belgium. The objective of this work is to provide public and private decision-makers with frequently updated forecasts for Belgium, which can be compared to those produced by official institutions (mainly the National Bank of Belgium and the Federal Planning Bureau) and by commercial organizations (mainly banks). Our forecasts are made available on a large scale via the media and the internet.

Our quarterly economic report is divided into four main chapters. In the first chapter, we set out our hypotheses about commodity prices, interest rates and exchange rates. In the second chapter, we analyze international economic developments outside the euro area and turn to the business cycle developments in the euro area in the third chapter. The fourth chapter covers short-term economic prospects in Belgium. The quarterly report also contains a large appendix with our forecasts for a variety of international and Belgian macroeconomic variables (GDP and its components, employment and unemployment, inflation, interest rates, oil prices, world trade, fiscal balances, etc.). A synthesis of the overall analysis and the projections is presented in introduction. The analysis is supervised by Vincent Bodart.

### III. Articles in newspapers and magazines and others publications / interventions 2019-2020

Burzynski, M.; Deuster, C.; Docquier, F.; de Melo, J. *Climate migration frightens... climate poverty is frightening!* In: *VoxEU* (2019)

Baurin Arno, Hindriks Jean. *Financement des pensions et le compte individuel pension.* In: *Revue Belge de la Sécurité Sociale*, Vol. 2, pp. 333-359. (2019)

Cockx Bart, Declercq Koen, Dejemepe Muriel, Inga Leda, Van der Linden Bruno. *Scrapping the entitlement to unemployment benefits for young labor market entrants: An effective way to get them to work ?* National Bank of Belgium, Working Paper No 379. 34 pages (2019)

Dejemepe Muriel. *Le chômage temporaire devrait être plus incitatif.* *L'Echo*, 03.04.2020

Dejemepe Muriel. *Covid-19 : un dispositif pour les «oubliés du chômage.* *Moustique*, 04.04.2020

Dejemepe Muriel. *Des mesures pour enrayer le chômage.* *Le Soir*, p. 9. 14.04.2020

Dejemepe Muriel. *interview suite à la publication d'une étude scientifique publiée avec des collègues dans un Working Paper de la Banque Nationale de Belgique.* *Moustique*, pages 30, 31 et 32. 08.01.2020.

Derval Guillaume, Docquier Frédéric, Schaus Pierre. *An aggregate learning approach for interpretable semi-supervised population prediction and disaggregation using ancillary data.*

de la Croix David, Mariani Fabio, Marion Mercier. *Driven by Institutions, Shaped by Culture: Human Capital and the Secularization of Marriage in Italy* (xxx). (2019)

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Gomes Joseph, Bhalotra Sonia, Clarke Damian and Venkataramani Atheendar. *Maternal mortality and women's political participation*. VoxDev column, April 2020.

Malay Olivier, Strale Mathieu, Dierckx Sacha, Christiaens Tim, Van der Slycken Jonas, Bouvy Anne-Sophie, Kębłowski Wojciech. La Libre Belgique, 20 juin 2020. De Standaard, Maandag 22 juni 2020.

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Strale Mathieu, Sacha Dierckx, Anne-Sophie Bouvy, Jonas Van der Slycken, Lieven Bervoets, Olivier Malay,, Tim Christiaens, Wojciech Kębłowski, Leen Bervoets. *L'avenir du transport aérien doit être dans les mains du secteur public, des travailleuses et travailleurs et de la population*. Le Vif. 9 juin 2020.

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Pensieroso Luca. *L'origine de la Grande Dépression est encore débattue*. Libre Belgique. Entretien. 4-5 Avril 2020.

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Tubeuf Sandy; D'Otreppe Bosco. *En France, une vie vaut trois millions d'euros*. La Libre, Débats, Riposte. 29 mai 2020.

Tubeuf Sandy. *Les experts de l'UCLouvain vous répondent: «La meilleure stratégie à adopter face à l'épidémie»*. Le Vif - L'Express. (2020)

Tubeuf Sandy. *Les experts de l'UCLouvain vous répondent: «Nous devons gagner du temps»*. Le Vif - L'Express. (2020)

Tubeuf Sandy. *Les experts de l'UCLouvain vous répondent: «On peut déplorer les mesures d'austérité en Belgique»*. Le Vif - L'Express. (2020)

Tubeuf Sandy. *Toutes les vies ont de la valeur, il y a urgence à remettre tous les soins en route!*. Le Soir, Opinions, Carte Blanche. 10 avril 2020.

Tubeuf Sandy, Coeny Kenneth. *Un Belge sur deux a renoncé à des soins prévus avant la crise sanitaire*. BX1, Selon une étude de l'UCLouvain. 5 juin 2020.

Tubeuf Sandy. *Coronavirus : selon une étude de l'UCLouvain, une personne sur deux renonce à se soigner*. LN24, interview. 5 juin 2020.

Tubeuf Sandy, *Comment interpréter les nouvelles annonces du Conseil national de sécurité ?* LN24 – participation to Le Grand Débat. 15 avril 2020.

Tubeuf Sandy, BX1, Direct TV, Versus - participation to a TV panel on the Economic impact of coronavirus, 11th March 2020.

Tubeuf Sandy. *La valeur de la vie*. RCF radio, participation à En Débat. 23 juin 2020.

Tubeuf Sandy. *Coronavirus : selon une étude de l'UCLouvain, une personne sur deux renonce à se soigner*. Bel RTL, Journal Parlé 18h00. 5 juin 2020.

Tubeuf Sandy. *Radio interview with Eddy Caekelberghs about Rare Diseases*. RTBF rtbf.be, La Première, Au bout du jour. 5th March 2020.

- Tubeuf Sandy. *Isolement: quel coût pour les soins de santé?* RTBF rtbf.be, La Première, Matin Première, Radio interview. 23rd February 2020.
- Tubeuf Sandy. *Comment expliquer les prix astronomiques des médicaments pour soigner les maladies orphelines?* RTBF rtbf.be, La Première, Matin Première, Radio interview. 12th December 2019.
- Tubeuf Sandy. *Confinement: un Belge sur deux a renoncé à se soigner.* L'Avenir. 5 juin 2020.
- Tubeuf Sandy. *La moitié des Belges ont renoncé à des soins de santé à cause du coronavirus.* Le Vif/L'Express. 5 juin 2020.
- Tubeuf Sandy. *Les Belges ont massivement renoncé aux soins non-Covid.* Moustique. 5 juin 2020.
- Tubeuf Sandy. *Coronavirus : selon une étude de l'UCLouvain, une personne sur deux renonce à se soigner.* RTBF. 5 juin 2020.
- Tubeuf Sandy, Sohy Nicolas. *Il ne suffit pas de réinjecter de l'argent.* Moustique (journal), Le dossier, grands formats. Semaine du 27/05-3/06 2020.
- Tubeuf Sandy. *Coronavirus: le Big Pharma s'engage dans la bataille sans se renier.* Le Soir, Newspaper interview. 25th Avril 2020.
- Tubeuf Sandy. *Médicaments orphelins: pourquoi les prix de Big Pharma sont exagérés.* Le Soir, Newspaper interview. 12th December 2019.
- Tubeuf Sandy. *1,9 million pour Pia... et pour les autres?* Le Soir, interview. September 18, 2019.
- Vandenberghé Vincent. *Pensions: et si l'allongement de la carrière n'était pas la seule solution.* Le Soir. 20 novembre 2019.
- Vandenberghé Vincent. *Le marché d'emploi au menu du congrès des économistes.* L'Echo. 5 novembre 2019.
- Vandenberghé Vincent. *Vraag jongeren om vroeger , beginnen werken.* De Morgen. 21 novembre 2019.
- Vandenberghé Vincent. *Proximus: la Belgique est-elle mal équipée pour gérer le personnel vieillissant?* Le Soir.
- Van der Linden Bruno. *La hausse du salaire minimum : "Choc à hauts risques pour notre économie".* Trends. 12 décembre 2019.
- Van der Linden Bruno. *Crise du Covid 19 et insertion des jeunes sortants du système scolaire.* Radio et télévision Belge Francophone. 22 mai 2020.
- Van der Linden Bruno. *Permettre aux travailleurs de se relocaliser vers de nouveaux jobs.* Sud Presse. 2 juin 2020.
- Verdini Daniele. *La globalizzazione non ha un interruttore on/of,* Linkiesta. May 27, 2020.



## Events and exchanges

In this chapter, we list the events organized at IRES or by IRES members during the academic year 2019-2020. In addition, IRES members had participations to seminars, conferences, workshops and exchanges of some duration in other universities during this period. The schedule for 2020 has of course been greatly affected by the covid-crisis, which brought all academic events to a halt from mid-March 2020 onwards. Only a few online seminars took place in the Spring 2020.

- I. Conferences organized by UCLouvain members
- II. The UCLouvain Economics Seminar
- III. The IRES Lunch Seminar
- IV. Doctoral Workshop

## I. Conferences organized by UCLouvain members

### IRES members organized 4 conferences or workshops in 2019-2020:

- Vandenberghe, Vincent, "Congrès des économistes 'L'emploi et ses nouveaux défis'", Charleroi, November 16-23, 2019.
- Docquier, Frédéric, "9th Annual International Conference on Immigration in OECD Countries", OECD, Paris, December 12-13, 2019.
- Vandenberghe, Vincent, "Workshop 'Longevity Heterogeneity and Pension Design'", Louvain-la-Neuve, January 28, 2020.
- Van der Linden, Bruno, "Les travailleurs peu qualifiés : quel avenir. Workshop Low-Skilled", Conseil Supérieur de l'Emploi, Bruxelles, January 30, 2020.

## II. The UCLouvain Economics Seminar

The UCLouvain Economics Seminar is held on Thursdays from 12:50 to 14:00 at Building Doyen, Room 22. Organization: G. Vannoorenberghe ([gonzague.vannoorenberghe@uclouvain.be](mailto:gonzague.vannoorenberghe@uclouvain.be))

### ..... The UCLouvain Economics Seminar in 2019

- **October 3**, Yair Antler (Tel Aviv University), "Multilevel Marketing: Pyramid-Shaped Schemes or Exploitative Scams".
- **October 10**, Luca Fornaro (CREI), "Monetary Union and Financial Integration".
- **October 17**, Markus Dertwinkel-Kalt (Frankfurt School of Finance and Management), "Salience Effects in Portfolio Selection".
- **October 31**, Jacques Crémer (Toulouse School of Economics), "Migration Between Platforms".
- **November 7**, Mark Weder (Aarhus University), "Do We Really know that Monetary Policy was Destabilizing in the 1970s?".
- **November 14**, Julia Cagé (Sciences-Po), "Heroes and Villains: The Effects of Combat Leadership on Collaboration in War-Time France".
- **November 21**, Filomena Garcia (Indiana University), "Nationalistic bias in collusion competition".
- **November 28**, Juan Carluccio (Banque de France), "Dissecting the impact of imports from low-wage countries on French consumer prices".
- **December 5**, Jochen Mankart (Bundesbank), "House Price Expectations and Housing Choice".
- **December 12**, Anastasios Karantounias (Fed Atlanta), "Greed versus Fear: Optimal Time-Consistent Taxation with Default".

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### The UCLouvain Economics Seminar in 2020

- **February 6**, Martin Peitz (University of Mannheim), “Add Clutter, Time Use, and Media Diversity”.
- **February 13**, Alex Armand (Nova School of Business and Economics), “Does Information Break the Political Resource Curse? Experimental Evidence from Mozambique”.
- **February 20**, Gabriella Conti (University College London), “Long-Term Health Effects of Prenatal and Infancy Home Visiting: Evidence from a Randomized Trial”.
- **February 27**, Austin Wright (University of Chicago), “Rebel Capacity and Combat Tactics”.
- **March 5**, Anandi Mani (Oxford University), “Cognitive Droughts”.
- **June 11**, Marie-Louise Leroux (UQAM), “Fair long-term care insurance”, Online Seminar.

### III. The IRES Lunch Seminar

The IRES Lunch Seminar is an informal forum where researchers present their work in progress in details and receive criticism and feedback from colleagues. PhD students entering the job market are strongly encouraged to present their job market paper. Occasionally, the IRES Lunch Seminar hosts presentations from visiting scholars.

The seminar’s Web Page is

<https://uclouvain.be/en/research-institutes/lidam/ires/macroeconomics-lunch-seminar.html>

The organizers were Gonzague Vannoorenberghe

([gonzague.vannoorenberghe@uclouvain.be](mailto:gonzague.vannoorenberghe@uclouvain.be)) and Stefanija Veljanoska..

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### The IRES Lunch Seminar in 2019

- **September 17**, Jordan Roulleau-Pasdeloup (National University of Singapore), “Understanding (Linear) Rational Expectations Models”.
- **October 8**, Riccardo Turati (IRES), “Network-based Connectedness and the Diffusion of Cultural Traits”.
- **October 15**, Vincent Rebeyrol (Toulouse School of Economics), “Trade elasticities and CAT exports”.
- **November 5**, Alexandre Jacquemain (ISBA), “Inference for monotone single-index conditional means: a Lorenz regression approach”.
- **November 12**, Eric Melander (UNamur), “Austerity and Crime: Evidence from the New Poor Law”.
- **November 19**, Sébastien Fontenay (IRES), “The ‘Other’ Child Penalty: Work Disability after Motherhood and how Paternity Leave can help”.
- **December 3**, Khushboo Surana (KULeuven), “How different are we? Identifying the degree of revealed preference heterogeneity”.
- **December 10**, Léo Czajka (IRES), “Elasticity of Taxable Income in a Low Income Country: Evidence from Senegal”.

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### The IRES Lunch Seminar in 2020

- **January 14**, Tanguy Le Fur (Aix-Marseille School of Economics), "The Provision of Public Health and the Direction of Technological progress".
- **January 28**, H el ene Le Forner (Aix-Marseille School of Economics), "Maternal and Paternal Time Inputs: Are They Substitutes or Complements for Child's Development?".
- **February 4**, Gregory Clark (UC Davis), "Genes versus Culture in Social Outcomes: A lineage Study of 371,241 English persons 1750-2020".
- **February 11**, Guillaume Blanc (Brown University), "Modernization before Industrialization: Cultural Roots of the Demographic Transition in France".
- **February 25**, Guohao Yang (UNamur), "Fossil fuel, trade liberalization and the environment: evidence from China".
- **March 10**, Salvatore Di Falco (University of Geneva), "Economic Adversity and the Intergenerational Transmission of Personality".
- **April 21**, Paul Glewwe (University of Minnesota), "What Explains Vietnam's Exceptional Performance in Education Relative to Other Countries? Analysis of the Young Lives Data from Ethiopia, Peru, India (Andhra Pradesh), and Vietnam.
- **May 26**, Pedro Rosa Dias (Imperial College London), "Incentives, image motivation social pressure: evidence from a large-scale experiment with Nigerian midwives".
- **June 2**, Salvatore Di Falco (University of Geneva), "Economic Adversity and the Intergenerational Transmission of Personality".
- **June 16**, Abhiroop Mukhopadhyay (ISI Delhi), "Trust Thy Neighbour: Evidence from partition of India?".

## IV. Doctoral Workshop

The Doctoral Workshop (DW) is a research forum co-organized by UCLouvain and FUNDP during which students have the opportunity to present part of their completed or ongoing research. Even though presentations are reserved for doctoral students, access to the workshop is open to a larger public. Professors and researchers of the Department and from partner institutions are invited to attend all sessions. The Doctoral students from FUSL, ULB, ECARES, ULg, UGent and KULeuven are kindly invited to attend the sessions and present their research.

The DW for the academic year 2019-2020 took place on the **18 December 2019** at University of Saint-Louis.

## Appendix A: Contributions with more than 100 citations according to the HPP and Google Scholar databases

**1472 Citations for:** Defourny, Jacques; Nyssens, Marthe. *Conceptions of Social Enterprise and Social Entrepreneurship in Europe and the United States: Convergences and Divergences*. In: *Journal of Social Entrepreneurship*, Vol. 1, no. 1, p. 32-53 (2010).

**1014 Citations for:** Defourny, Jacques; Nyssens, Marthe. *Social enterprise in Europe: At the crossroads of market, public policies and third sector*. In: *Policy & Society*, Vol. 29, no. 3, p. 231-242 (2010).

**1006 citations for:** Defourny, Jacques; Nyssens, Marthe. *Social Enterprise in Europe: Recent Trends and Developments*. In: *Social Enterprise Journal*, Vol. 4, no. 3, p. 202-228 (2008).

**903 citations for:** de la Croix, David; Doepke, Matthias. *Inequality and growth: why differential fertility matters*. In: *American Economic Review*, Vol. 93, no. 4, p. 1091-1113 (September 2003).

**683 citations for:** Crépon, Bruno; Devoto, Florencia; Duflo, Esther; Parienté, William. *Estimating the Impact of Microcredit on Those Who Take It Up: Evidence from a Randomized Experiment in Morocco*. In: *American Economic Journal: Applied Economics*, Vol. 7, no. 1, p. 123-150 (January 2015).

**665 citations for:** de la Croix, David; Michel, Philippe. *A Theory of Economic Growth: Dynamics and Policy in Overlapping Generations*. Cambridge University Press: Cambridge, 2002. 0-521-80642-9. 396 pages.

**657 citations for:** Banerjee, Abhijit; Duflo, Esther; Goldberg, Nathanael; Karlan, Dean; Osei, Robert; Parienté, William; Shapiro, Jeremy; Thuysbaert, Bram; Udry, Christopher. *A multifaceted program causes lasting progress for the very poor: Evidence from six countries*. In: *Science*, Vol. 348, no. 6236, p. 772-788 (15 May 2015).

**624 citations for:** Defourny, Jacques; Nyssens, Marthe. *Defining Social Enterprise*. In: *Social Enterprise: between Market, Public Policies and Civil Society*, Routledge: London, New-York, 2006, p. 3-26.

**546 citations for:** Boucekkine, Raouf; de la Croix, David; Licandro-Goldaracena, Omar. *Vintage Human Capital, Demographic Trends, and Endogenous Growth*. In: *Journal of Economic Theory*, Vol. 104, no. 2, p. 340-375 (2002).

**418 citations for:** Devoto, Florencia; Duflo, Esther; Dupas, Pascaline; Parienté, William; Pons, Vincent. *Happiness on Tap: Piped Water Adoption in Urban Morocco*. In: *American Economic Journal: Economic Policy*, Vol. 4, no. 4, p. 68-99 (November 2012).

**383 citations for:** Laville, J. L.; Nyssens, Marthe. *The Social Enterprise: Toward A Theoretical Approach*. In: *The Emergence of Social Enterprise*, Routledge: London, 2001, p. 312-322. 0-415-25301-2.

**356 citations for:** Defourny, Jacques; Nyssens, Marthe. *The EMES Approach of Social Enterprise in a Comparative Perspective*. In: *Social enterprise and the Third Sector: Changing European Landscapes in a Comparative Perspective*, Routledge: Abingdon, 2014, p. 42-65. 978-0-415-83156-7.

**323 citations for:** de la Croix, David; Licandro-Goldaracena, Omar. *Life expectancy and endogenous growth*. In: *Economics Letters*, Vol. 65, no. 2, p. 255-263 (1999).

**263 citations for:** Defourny, Jacques; Nyssens, Marthe. *Social enterprise in Europe: At the crossroads of market, public policies and third sector*. In: *Policy & Society*, Vol. 29, no. 3, p. 231-242 (2010).

- 246 citations for:** Vandenberghe, Vincent; Robin, S. *Evaluating the effectiveness of private education across countries: a comparison of methods*. In: *Labour Economics*, Vol. 11, no. 4, p. 487-506 (2004). Elsevier Science Bv: Amsterdam, 2004.
- 245 citations for:** de la Croix, David; Doepke, Matthias. *Public versus private education when differential fertility matters*. In: *Journal of Development Economics*, Vol. 73, no. 2, p. 607-629 (2004).
- 244 citations for:** Peterson Zwane, Alix; Zinman, Jonathan; Van Dusen, Eric; Parienté, William; Null, Clair; Miguel, Edward; Kremer, Michael; Karlan, Dean S.; Hornbeck, Richard; Duflo, Esther. *Being surveyed can change later behavior and related parameter estimates*. In: *Proceedings of the National academy of sciences of the United States of America*, Vol. 108, no.5, p. 1821-1826 (February 2011).
- 222 citations for:** De Vroey, Michel. *A regulation approach interpretation of contemporary crisis*. In: *Capital and Class*, Vol. 8, no. 2, p. 45-66 (1984).
- 221 citations for:** Dreze, Jacques; Bean, Charles; Lambert, Jean-Paul; Sneessens, Henri; Shadman Valavi, Fatemeh. *Europe's Unemployment Problem*. MIT press: Cambridge, 1991. 0-262-04111-1. 488 pages.
- 207 citations for:** Nyssens, Marthe; Defourny, Jacques. *Fundamentals for an International Typology of Social Enterprise Models*. In: *Voluntas: international journal of voluntary and non-profit organizations*, Vol. 28, no. 6, p. 2469-2497 (2017).
- 201 citations for:** Sneessens, Henri; Dreze, Jacques. *A Discussion of Belgian Unemployment, Combining Traditional Concepts and Disequilibrium Econometrics*. In: *Economica*, Vol. 53, no. 210, p. s89-s119 (1986).
- 184 citations for:** Vannoorenberghe, Gonzague. *Firm-level volatility and exports*. In: *Journal of International Economics*, Vol. 86, no.1, p. 57-67 (January 2012).
- 180 citations for:** Bodart, Vincent; Reding, Paul. *Exchange rate regime, volatility and international correlations on bond and stock markets*. In: *Journal of International Money and Finance: theoretical and empirical research in international economics and finance*, Vol. 18, no. 1, p. 133-151 (1999).
- 179 citations for:** Trannoy, Alain; Tubeuf, Sandy; Jusot, Florence; Devaux, Marion. *Inequality of opportunities in health in France: a first pass*. In: *Health Economics*, Vol. 19, no.8, p. 921-938 (2009).
- 168 citations for:** De Vroey, Michel. *A History of Macroeconomics from Keynes to Lucas and Beyond*. Cambridge University Press: New York, 2016. 978-1-107-58494-5. 445 pages.
- 163 citations for:** Crépon, Bruno; Dejemeppe, Muriel; Gurgand, Marc. *Counseling the unemployed: does it lower unemployment duration and recurrence ?* (xxx), 2005.
- 162 citations for:** Jacquet, Laurence; Lehmann, Etienne; Van der Linden, Bruno. *Optimal income taxation with Kalai wage bargaining and endogenous participation*. In: *Social Choice and Welfare*, Vol. 42, no. 2, p. 381-402 (2013).
- 160 citations for:** Boucekkine, Raouf; de la Croix, David; Licandro-Goldaracena, Omar. *Early Mortality Declines at the Dawn of Modern Growth*. In: *Scandinavian Journal of Economics*, Vol. 105, no. 3, p. 401-418 (September 2003).
- 153 citations for:** de la Croix, David; Delavallade, Clara. *Growth, public investment and corruption with failing institutions*. In: *Economics of Governance*, Vol. 10, no. 3, p. 187-219 (Juillet 2009).
- 153 citations for:** Mariani, Fabio; Perez-Barahona, Agustin; Raffin, Natacha. *Life expectancy and the environment*. In: *Journal of Economic Dynamics and Control*, Vol. 34, no. 4, p. 798-815 (2010).

**151 citations for:** Bodart, Vincent; Candelon, Bertrand. *Evidence of interdependence and contagion using a frequency domain framework*. In: *Emerging Markets Review*, Vol. 10, no. 2, p. 140-150 (2009).

**147 citations for:** Costa, Matthew L.; Achten, Juul; Parsons, Nick R.; Rangan, Amar; Griffin, Damian; Tubeuf, Sandy; Lamb, Sally E. *Percutaneous fixation with Kirschner wires versus volar locking plate fixation in adults with dorsally displaced fracture of distal radius: randomised controlled trial*. In: *BMJ*, Vol. 349, no. aug05 2, p. g4807-g4807 (2014).

**141 citations for:** De Vroey, Michel. *Involuntary Unemployment: The Elusive Quest for a Theory*. Routledge, 2004.

**140 citations for:** Gilain, Bruno; Nyssens, Marthe. *Les services d'aide à domicile aux personnes âgées en Belgique*. In: *Les services sociaux entre associations, Etat et marché, l'aide aux personnes âgées* (Recherches; xxx), La Découverte: Paris, 2001, p. 47-65.

**136 citations for:** Jusot, Florence; Tubeuf, Sandy; Trannoy, Alain. *Circumstances and efforts: how important is their correlation for the measurement of inequality of opportunity in health?*. In: *Health Economics*, Vol. 22, no.12, p. 1470-1495 (2013).

**133 citations for:** de la Croix, David; Doepke, Matthias. *To segregate or to integrate: Education politics and democracy*. In: *Review of Economic Studies*, Vol. 76, no. 2, p. 597-628 (2009).

**128 citations for:** Glover, Dylan; Pallais, Amanda; Parienté, William. *Discrimination as a Self-Fulfilling Prophecy: Evidence from French Grocery Stores*. In: *The Quarterly Journal of Economics*, Vol. 132, no. 3, p. 1219-1260 (2017).

**124 citations for:** Defourny, Jacques; Nyssens, Marthe. *El enfoque EMES de la empresa social desde una perspectiva comparada*. In: *CIRIEC Espana : revista de economia publica, social y cooperativa*, Vol. 4, no.75, p. 7 -34 (2012).

**122 citations for:** Defourny, Jacques; Nyssens, Marthe. *Social innovation, social economy and social enterprise: what can the European debate tell us?*. In: *International Handbook on Social Innovation. Social Innovation, Collective Action and Transdisciplinary Research*, Edward Elgar: Cheltenham (UK) Northampton (USA), 2013.

**119 citations for:** Defourny, Jacques; Nyssens, Marthe. *Approches européennes et américaines de l'entreprise sociale : une perspective comparative*. In: *Revue des Etudes Cooperatives, Mutualistes et Associatives*, no. 319, p. 18-35 (2011).

**118 citations for:** Bouzahzah, Mohamed; de la Croix, David; Docquier, Frédéric. *Policy reforms and growth in computable OLG economies*. In: *Journal of Economic Dynamics and Control*, Vol. 26, no. 12, p. 2093-2113 (Octobre 2002).

**117 citations for:** Boucekkine, Raouf; de la Croix, David; Peeters, Dominique. *Early Literacy Achievements, Population Density, and the Transition to Modern Growth*. In: *Journal of the European Economic Association*, Vol. 5, no. 1, p. 183-226.

**111 citations for:** de la Croix, David; Pierrard, Olivier; Sneessens, Henri. *Ageing and pensions in general equilibrium: Labor market imperfections matter*. In: *Journal of Economic Dynamics and Control*, Vol. 37, no. 1, p. 104-124 (January 2013).

**108 citations for:** Taylor, Lester D. ; Weiserbs, Daniel. *Advertising and the Aggregate Consumption Function*. In *American Economic Review*, Vol. 62, no. 4, p. 642-655 (1972).

**107 citations for:** Vandenberghe, Vincent. *Combining Market and Bureaucratic Control in Education: an answer to market and bureaucratic failure?*. In: *Comparative Education: an international journal of comparative studies*, Vol. 35, no. 3, p. 271-282 (1999).

**105 citations for:** Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Fertility and Childlessness in the United States*. In: *The American Economic Review*, Vol. 105, no. 6, p. 1852-1882 (June 2015).

**105 citations for:** Hungerbuhler, M; Lehmann, E; Parmentier, Alexis; Van der Linden, Bruno. *Optimal redistributive taxation in a search equilibrium model*. In: *The Review of Economic Studies*, Vol. 73, no. 3, p. 743-767 (2006).

**103 citations for:** Sneessens, Henri. *Investment and the Inflation-Unemployment Tradeoff in a Macroeconomic Rationing Model with Monopolistic Competition*. In *European Economic Review*, Vol. 31, no. 3, p. 781-808 (1987).

## Appendix B: List of publications of IRES members in 2019-2020

### 1. Papers published or forthcoming in peer-reviewed journals (33)

#### Papers forthcoming (5)

Bricard, Damien; Jusot, Florence; Trannoy, Alain; Tubeuf, Sandy. *Inequality of opportunities in health and death: an investigation over the lifespan in Great Britain*. In: *International journal of epidemiology*, forthcoming.

Brolis, Olivier; Nyssens, Marthe. *Does the Mission of an Organization Affect the Quality of Low-Skilled Jobs in Quasi-markets?: A Comparison Between Social Enterprises and For-Profit Organizations*. In: *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, Vol. 31, no. 3, p. 533-549, forthcoming.

Defourny, Jacques; Nyssens, Marthe; Brolis, Olivier. Defourny, Jacques; Nyssens, Marthe; Brolis, Olivier. *Testing Social Enterprise Models Across the World: Evidence from the "International Comparative Social Enterprise Models (ICSEM) Project, in Nonprofit and Voluntary Sector Quarterly*, forthcoming.

Gafni, Hadar; Hudon, Marek; Perilleux, Anaïs. *Business or Basic Needs? The Impact of Loan Purpose on Social Crowdfunding Platforms*. In: *Journal of Business Ethics*, forthcoming.

Vandenberghe, Vincent. *Health, Cognition and Work Capacity Beyond the Age of 50: International Evidence on the Extensive and Intensive Margin of Work*. In: *International Labour Review*, forthcoming.

#### Papers published in 2019-2020 (28)

Armand, Alex; Atwell, Paul; Gomes, Joseph. *The Reach of Radio: Ending Civil Conflict through Rebel Demobilization*. In: *American Economic Review*, Vol. 110, no. 5, p. 1395-1429 (2020).

Banse, Emilie; Bigot, Alix; De Valkeneer, Christian-Paul; Lorant, Vincent; Luminet, Olivier; Nicaise, Pablo; Smith, Pierre; Tubeuf, Sandy; Guillaume, Amélie. *Quelques enseignements sur les impacts sociaux et économiques de la stratégie de réponse à la pandémie du coronavirus en Belgique*. In: *Louvain médical*, Vol. 139, no. 05-06, p. 375-382 (2020).

Batyra, Anna; de la Croix, David; Pierrard, Olivier; Sneessens, Henri. *Structural changes in the labor market and the rise of early retirement in France and Germany*. In: *German Economic Review*, Vol. 20, no. 4, p. e38-e69 (2019).

Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Endogenous Childlessness and Stages of Development*. In: *Journal of the European Economic Association*, Vol. 18, no. 1, p. 83-133 (February 2020).

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### 4. IRES Discussion papers (36)

IRES Discussion papers are available on <https://uclouvain.be/fr/node/9205>.



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