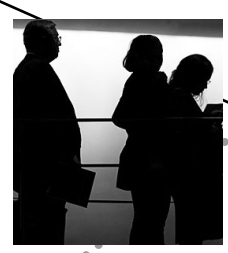
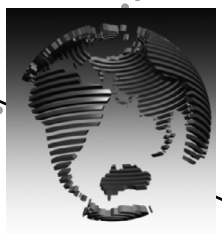
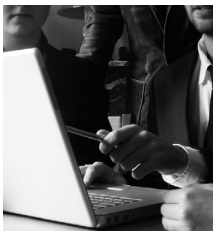
ANNUAL REPORT IRES 2018-2019

Institut de Recherches Économiques et Sociales



UCLouvain

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IRES | Louvain Institute of Data Analysis and Modeling in economics and statistics

FOREWORD

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 2018-19, starting on September 1, 2018 and ending on August 31, 2019. 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. Our 18 faculty members, 5 senior researchers, and 33 young researchers publish articles in leading international journals and have solid experience in advising policy makers and international institutions on various issues related to the labor market, economic forecasts, macroeconomic policies, growth and development, migration policies, trade policies etc.

The academic output of IRES during the academic year 2018-19 can be summarized as follows:

- IRES members published 1 book and 20 articles in peer-reviewed journals, with 8 additional papers forthcoming. They also wrote 6 book chapters and 20 articles in non-refereed journals or interviews. 19 papers were also published in the IRES Discussion Paper series.
- According to the Scopus database, 63 papers written by IRES faculty members have been cited more than 25 times in published journal articles. Google Scholar indicates that 126 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 44 abstract views and 10 file downloads per day, according to RePEc records.
- IRES members organized 10 conferences during 2018-19.
- Our seminar series (the UCLouvain Economics Seminars, the Macroeconomics Lunch Seminars) were again very successful at attracting many external speakers from internationally renowned research centers and universities
- Some 60 *Corresponding Members* from foreign universities regularly collaborate with IRES staff members. Our academic staff is involved in international and specialized research networks.
- IRES houses a large number of PhD students. During the period covered by this report, our faculty members supervised 33 doctoral students and 2 of them defended their dissertation.

IRES also undertakes work that is of direct relevance for policy and decision makers outside the university, and promotes exchanges with extramural scholars.

- Every quarter, the *Service d'Analyse Economique* produces a detailed analysis of

FOREWORD

short-term economic prospects in Belgium, complemented by forecasts of the Belgian economy.

- Through our series *Regards Economiques*, IRES members are increasingly involved in the public debate and contribute directly to the understanding of pressing socio-economic issues. 9 issues of *Regards Economiques* were published in 2018-19.

- Our members are also involved in research used to advise institutions such as the Belgian government, the Belgian Federal Department of Science Policy, the Region of Brussels etc.

The five chapters of this report provide a detailed description of the composition of IRES and its research activities. More details on our events and publications are available on our website.

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

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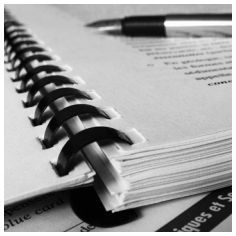

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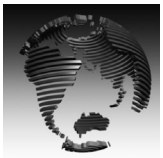

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IRES staff

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. Research associates

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I. Faculty members

In 2018-2019, IRES welcomed Anais Perilleux and Sandy Tubeuf as new professors.

• ***Anaïs Perilleux*** is an assistant professor in social economy at the Université Catholique de Louvain since September 2018. She is affiliated to IRES (Institute for Economic and social research) and CIRTES (Interdisciplinary Research Center on Work, State and Society). In 2011, she obtained a PhD in Economics and Management Sciences as a FNRS Research Fellow in the Centre for European Research in Microfinance (CERMi). Thanks to a BAEF/Francqui fellowship, she worked as a postdoctoral fellow at Yale University, in the Economic Growth Center, from November 2011 to January 2013. She then obtained a two-year AXA fellowship to go back to Belgium and to join the department of economics of UCLouvain. From September 2015 to September 2018, she worked for the Chair Les Petits Riens in Social Economy. She is also an active member of the international research network EMES (the largest scientific network on social economy).

Anaïs' work concentrates on social enterprises, cooperatives and social finance. More precisely, she mainly focuses on three issues. The first is the governance of social enterprises/cooperatives. The second relates to social impact evaluation and participation of social enterprises/cooperatives in the socio-ecological transition. The last issue is social finance and the way social enterprises obtain funding.

• ***Sandy Tubeuf*** originates from Provence (France). 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 also earned a European PhD in Economics from GREQAM in 2008. While doing her PhD she was a research fellow at IRDES (Institut de Recherche et de Documentation en Economie de la Santé) in Paris. She was awarded a Lavoisier postdoctoral research fellowship in 2007 and visited the Centre for Health Economics at the University of York (UK) in 2007-08. She then joined the Academic Unit of Health Economics at the University of Leeds in May 2008, initially as a research fellow, then Lecturer with tenure in 2011, and finally Associate Professor in 2013. Sandy also was deputy director of the Academic Unit of Health Economics from 2012. She joined the University catholique de Louvain in September 2018 and is member of IRES since February 2019.

Sandy has developed a research programme in economics, health economics, as well as public health, and health service research. She has a specific interest for the measurement and the understanding of inequalities and inequalities of opportunities in health as well as other outcomes such as performance at school and earnings. She essentially adopts an empirical approach within this multidisciplinary research work with some pieces of work reflecting further on normative concepts behind health policies and the relationship between the determinants of health. She uses applied health econometrics methods to facilitate robust causal as well as economic evaluation methods to appraise the impact of policies and/or health care interventions.

Sandy has developed research work particularly useful to guide and/or to assess policy decisions in the UK and likely to have benefitted to patients within the National Health Service.

She is currently involved in a research project funding by the UK National Institute for Health Research evaluating mental health interventions for self-harming adults.

In 2015, Sandy was awarded a Leverhulme research fellowship (15% success rate) to visit the Universities of Sheffield, Cambridge and the Leeds Institute of Data Analytics. In 2015, she also was nominated for the University of Leeds 'Women of Achievement' Award.

In 2018-2019, IRES had 16 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 DEJEMEPPE*, 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).

• ***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.

• ***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 scientific chair of the COST

action "Empowering the next generation of SE scholars". She is member of the editorial board of *Voluntary Sector Review*, *Social Enterprise Journal*, *Journal for Social Entrepreneurship*. She is also affiliated with CIRTES. 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 is in charge of the organization of the "IRES Lunch Seminar" at IRES. He coordinates the undergraduate program in Business and Economics and in Phylosophy, Politics and Economics. He obtained his PhD in Economics from the Université catholique de Louvain in 2007

• ***Henri SNEESSENS, Professor of Economics,*** is specialized in macroeconomics, labor economics, monetary economics, and quantitative methods. He acted as IRES President in 1994-1998 and 2004-2007. Henri is also Senior 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.

• ***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 2017. 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 September 2018, ***Florian Mayneris*** left IRES and UCLouvain to become *Associate Professor of Economics* at the *Université du Québec* à Montréal. Florian spent 8 years at IRES, where he greatly contributed to our scientific output, notably in the fields of economic geography and international trade. We will dearly miss him, and we wish him all the best for the next steps of his academic career. We are happy that Florian has became an active IRES corresponding member, strengthening the IRES network on the other side of the Atlantic. He has been visiting us regularly is still collaborating on various research projects with our faculty members and researchers.

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

In 2018-2019, IRES had 5 experienced researchers:

- ***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.
- ***Pauline MORAULT*, *Post-doctoral researcher,*** is specialized in matching models and network formation applied to family economics. She obtained her PhD in Economics at Aix-Marseille University in 2018.
- ***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.
- ***Stefanija 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 Panthèon-Sorbonne and Paris School of Economics in 2016.

IV. PhD students

In 2018-2019, IRES had 33 young researchers.

2 Doctoral students successfully defended their Doctoral Dissertation:

- Louis LARUE (supervised by Marthe Nyssens)
Doctoral dissertation: "Making Sense of Alternative Currencies".
- Elisa RIZZO (supervised by David de la Croix)
Doctoral dissertation: "Essays on Education and Stages of Growth".

31 doctoral dissertations were in progress:

- Ehui ADOVOR (supervised by Frédéric Docquier)
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)
Doctoral dissertation: "Informality globalization and development".

- Arno BAURIN (supervised by Jean Hindriks and Vincent Vandenberghe)
Doctoral dissertation: "Retirement policy: inter, intragenerational outcomes and the desired retirement age".

- Fabio BLASUTTO (supervised by David de la Croix and Fabio Mariani)
Doctoral dissertation: "Three Essays on the Economics of Marriage in Developed and Developing Countries".

- Boris CHAFWEHE (supervised by Rigas Oikonomou)
Doctoral dissertation: "Essays in quantitative macroeconomics".

- François COURTOY (supervised by Rigas Oikonomou)
Doctoral dissertation: "Essays on Macroeconomics".

- Léo CZAJKA (supervised by William Parienté)
Doctoral dissertation: "Tax compliance and Digitalization in Sub-Saharan Africa".

- Charles DE BEAUFFORT (supervised by Rigas Oikonomou)
Doctoral dissertation: "Optimal fiscal and monetary policy expectation management".

- Charlotte DE MONTPELLIER (supervised by Luca Pensieroso)
Doctoral dissertation: "Short-Term Macroeconomics".

- Arnaud DESEAU (supervised by David de la Croix)
Doctoral dissertation: "Essays on Economic Development and Long-Run Growth".

- 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".

- Leda Nadja INGA CHARAJA (supervised by Muriel Dejemeppe)
Doctoral dissertation: "Three Essays on Unemployment".

- Keiti KONDI (supervised by David de la Croix)
Doctoral dissertation: "Topics in Population Economics".

- Nathan LACHAPELLE (supervised by Muriel Dejemeppe)
Doctoral dissertation: "Essays in labor economics".

- Louise LAMBERT (supervised by Marthe Nyssens)
Doctoral dissertation: "Diversité et impacts sociaux de l'économie collaborative".

- Adam LEVAI (supervised by Frédéric Docquier)
Doctoral dissertation: "Access to Justice and Economic Development".

- Olivier MALAY (supervised by Marthe Nyssens)
Doctoral dissertation: " Under which conditions can new indicators (micro and macro level) foster a socio-ecological transition?".

- Juliana MESEN VARGAS (supervised by Bruno Van der Linden)
Doctoral dissertation: "3 Essays in Labor Public Policies".

- Dalal MOOSA (supervised by Bruno Van der Linden)
Doctoral dissertation: "Essays in Generational Economics".

- José Manuel MOURELLE TEJO (supervised by Henri Sneessens)
Doctoral dissertation: "Public Debt Dynamics and Monetary Policy".

- Alexandre OUNNAS (supervised by Bruno Van der Linden)
Doctoral dissertation: "Essays on Unemployment, Occupations an d Demographics".

- Francesco PASCUCCI (supervised by Fabio Mariani)
Doctoral dissertation: "Essays on Macroeconomics and Family Economics"

- Hendrik SCHEEWEL (supervised by Frédéric Docquier)
Doctoral dissertation: "On the Welfare Consequences of International Migration"

- Yannik SCHENK (supervised by Frédéric Docquier)
Doctoral dissertation: "Determinants of International Labor Mobility"

- Elisabetta SEVERI (supervised by Marthe Nyssens)
Doctoral dissertation: "Collaborative cities for collaborative entrepreneurs".

- Guillermo SANTOS (supervised by Rigas Oikonomou)
Doctoral dissertation: "Sovereign default and heterogeneous agents".

- Riccardo TURATI (supervised by Frédéric Docquier)
Doctoral dissertation: "Modelling Immigration and Culture".

- 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 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 2018-2019 was Professor Johannes Johnen.

Among our placements in 2019, we are very happy to report that Annalisa Frigo moved to the Joint Research Center of the European Commission where she is Economics and Policy Analyst and Pauline Morault obtained a position as Assistant Professor at Cergy-Pontoise University.

V. Research associates

Research associates are scholars from other institutions collaborating with IRES members. IRES has 60 Research associates.

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

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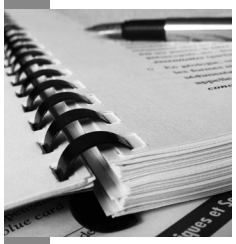

Publications and Academic Impact

This chapter covers articles published by IRES researchers during the academic year 2018-19, or forthcoming. It also provides some standard statistics assessing our academic impact.

I. Academic impact

II. Publication count

IRES's academic output/impact in 2018-19 was as follows:

- IRES members published 20 papers and have 8 forthcoming papers in peer-reviewed journals.
- IRES members published 1 books, 6 book chapters (or forthcoming).
- 19 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 126 influential publications cited more than 50 times in Google Scholar including 60 contributions with more than 100 citations, and 63 papers with more than 25 citations in the *Scopus database*
- On average, working papers and published articles of IRES faculty members gave rise to 44 abstract views and 10 file downloads per day in RePEc.

More details can be found in the following sections.

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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, RePEc authors' access statistics.

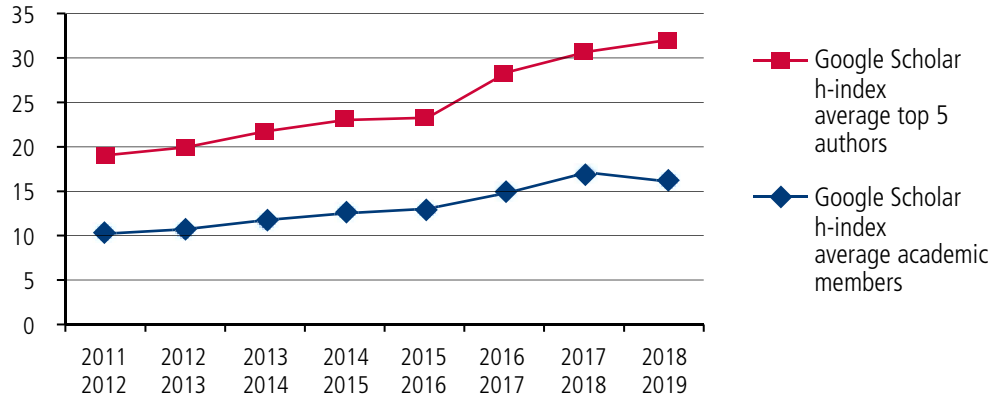
Harzing's Publish or Perish index (HPP)

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:

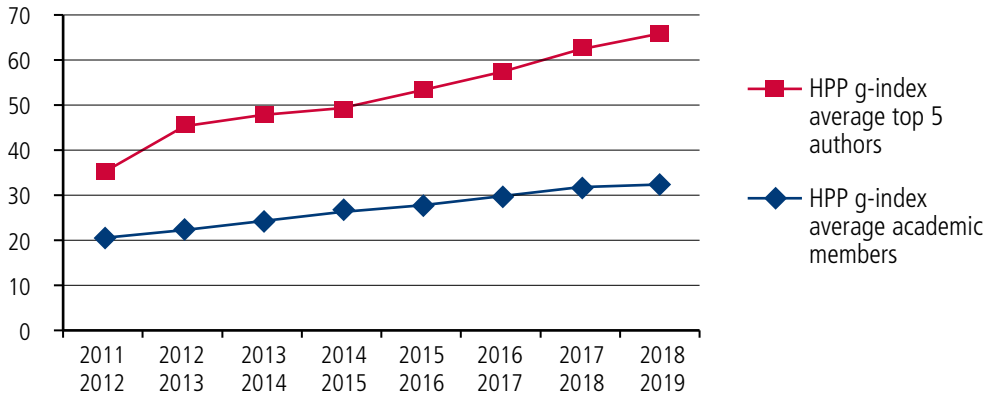
- the average number of citations per year;
- the h-index, developed by J.E. Hirsch to measure the cumulative impact of a researcher's output. The index looks at the number of citations his or her work has received. A scientist has an index score of h if h of his/her N papers have at least h citations 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 2018-19. The statistics below were computed on September 30, 2019.

Google Scholar h-index averages from 2011/2012 until 2018/2019



HPP g-index averages from 2011/2012 until 2018/2019



During the period 2018-2019 the average score of the 18 current faculty members and the top-5 authors are the following:

- the average h-index was **16.38** for all faculty members, and **32** for the top-5 authors; 2017-18 values were 17.3 and 30.8, respectively;
- the average g-index was **32.4** for all faculty members, and **66.2** for the top-5 authors, with 2017-18 values of 31.6 and 62.8, respectively.

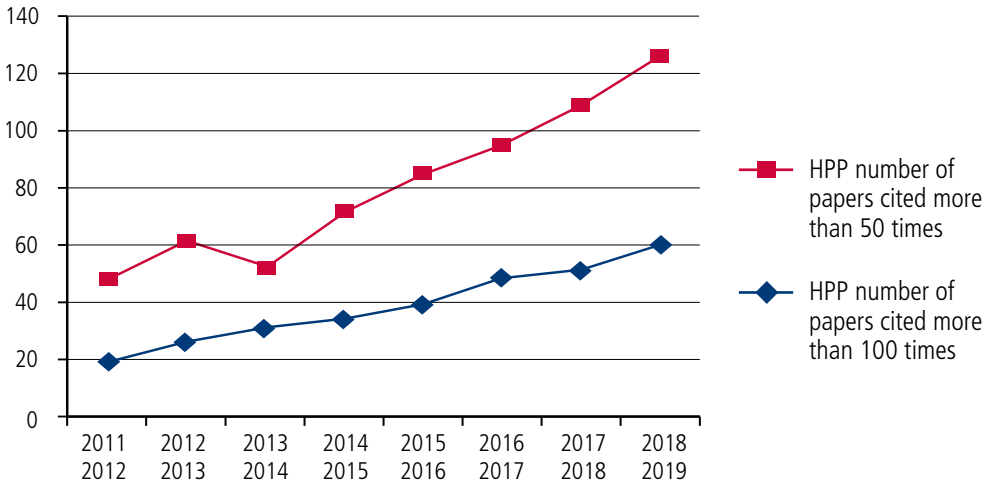
Using the data for all years available in the HPP and Google Scholar databases, the citation statistics are:

- on average, each staff member's most cited paper counts 314.2 citations, with a corresponding value of 828.2 for the top-5 authors;
- the average number of papers cited more than 100 times is 3.33 per faculty member, and the average value for our top-5 authors is 9.6.

Influential contributions to the literature (HPP)

According to the HPP and Google Scholar databases, between 1996 and 2019 (September 30), **126** influential publications were cited more than 50 times in the literature, including **60** 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 2011/2012 until 2018/2019



We report below the 10 most cited publications:

1531 citations for Beine, Michel; Docquier, Frédéric; Rapoport, Hillel. *Brain drain and economic growth: theory and evidence*. In: *Journal of Development Economics*, Vol. 64, no. 1, p. 275-289 (2001).

1310 citations for Beine, Michel; Docquier, Frédéric; Rapoport, Hillel. *Brain drain and human capital formation in developing countries: winners and losers*. In: *The Economic Journal*, Vol. 118, no. 528, p. 631-652 (2008).

1134 citations for Rapoport, Hilel; Docquier, Frédéric. *The Economics of Migrants' Remittances.* In: Kolm, Serge-Christophe; Mercier Ythier, Jean, *Handbook on the Economics of Giving, Reciprocity and Altruism,* North-Holland: Amsterdam, Vol. 2, p.

1135-1198 (2006).

1131 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).

1126 citations for Docquier, Frédéric; Marfouk, Addeslam. *International migration by educational attainment, 1990-2000*. In: Özden, Caglar; Schiff, Maurice W., *International migration, remittances, and the brain drain*, World Bank, p. 151- 200. 0-8213-6372-7 (2006).

904 citations for Nyssens, Marthe. *Social Enterprise: At the crossroads of markets, public policies and civil society.* Routledge, 2006, 336 pages. .

846 citations for Docquier, Frédéric; Rapoport, Hillel. *Globalization, Brain Drain, and Development*. In: *Journal of Economic Literature,* Vol. L, no. 3, p. 681-730 (2012).

805 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).

801 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 (Septembre 2003).

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

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** and **14.8**, respectively (compared to **6.2** and **13** in 2017-2018). According to the Scopus, **63** papers authored by IRES members have more than 25 citations (statistics collected on 30th September 2019).

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 30th September 2019.

Focusing on the last 12 months, RePEc records 10,376 abstract views and 2,400 file downloads for working papers, as well as 5,878 abstract views and 1,410 file downloads for journal articles. Aggregating working papers and published articles, these numbers represent an average of **44** abstract views and **10** file downloads per day.

II. Publication count

During the academic year from September 2018 to August 2019, IRES members have published 20 papers in peer-reviewed journals, and 8 additional papers are forthcoming. The list of publications includes papers in prestigious journals such as the *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.

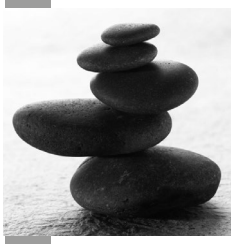
In addition, IRES members published 6 book chapters (or forthcoming) and authored or edited 1 book in 2018-19. IRES has produced 19 discussion papers in the IRES DP series. This indicates the success of our institution's objective to promote high-quality academic research and publications in international journals.

We list these contributions in Appendix B.

CONTENTS

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 2018-2019, the main publications and the research projects under contracts.



• Research in macroeconomics - page 19

• Labor economics, social policies and evaluation - page 25

• Research in international economics - page 33

CONTENTS

• 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 Pauline Morault, 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. Sustainable growth
VI. History of macroeconomics and economic history

CONTENTS

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.

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.

Main publications in 2018-2019

Batyra, Anna; de la Croix, David; Pierrard, Olivier; Snessens, Henry. *Structural changes in the labor market and the rise of early retirement in France and Germany*. In: *German Economic Review*, forthcoming.

Baudin, Thomas; de la Croix, David ; Gobbi, Paula Eugenia. *Endogenous Childlessness and Stages of Development*. In: *Journal of the European Economic Association*, p. 1-83, forthcoming.

de la Croix, David; Fabre, Alice. *A la découverte des professeurs de l'ancienne université d'Aix, depuis ses origins à 1793*. In: *Annales du Mid*i, forthcoming.

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*, forthcoming.

Brée, Sandra; de la Croix, David. *Key forces behind the decline of fertility: lessons from childlessness in Rouen before the industrial revolution*. In: Climotrica: *journal of historical economics and econometric history*, Vol. 93, p. 5-21 (August 2018).

de la Croix, David; Perrin, Faustine. How Far *Can Economic Incentives Explain the French Fertility and Education Transition?* In: *European Economic Review*, Vol. 108, p. 221-245 (September 2018).

Pensieroso, Luca; Sommacal, Alessandro. Agriculture to industry: *The end of intergenerational coresidence*. In: *German Economic Review,* p. 1-32, Vol. 18, no. 4, p. 761-793 (2018).

Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Childlessness and Economic Development: A Survey*. In: Bucci, A., K. Prettner and A. Prskawetz (eds): *Human capital and economic growth – The impact of health, education and demographic change,* forthcoming.

Mariani, Fabio; Perez-Barahona, A.; Raffin, N. *Population and the environment: the role of fertility, education and life expectancy*. In: Bucci, A., K. Prettner and A. Prskawetz (eds): *Human capital and economic growth – The impact of health, education and demographic change*, forthcoming.

Research projects under contracts in 2018-2019

"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.

"Human capital and secularization: Civil vs religious marriages in Italy" (2019-2020)

FINANCING: FNRS

PROMOTOR: F. Mariani

PROJECT DESCRIPTION: This research is concerned with the interplay between human capital accumulation and secularization, as measured by the prevalence of civil marriages. By taking advantage of Census data for Italy (panel of ~ 8000 municipalities, 1971-2011) and a dataset of exceptional quality covering all Italian marriages from 1969 to 2017, we first aim at establishing empirically a robust correlation between educational attainment and civil marriages. In doing so, we control for time trends, fixed effects and a number of covariates, and we disentangle the role of education and income. We also want to understand how the above correlation depends on socio-economic factors (such as social capital and family ties), varies across space and evolves over time - namely after the legalization of divorce in 1970. Moreover, our data allow us to link the secularization process with gender, marriage-market characteristics, and inequality. In order to make sense of our empirical results, we propose a theory which focuses on the economic incentives related to marriage, while remaining agnostic about possible direct effects of human capital on religiosity (through critical thinking, scientific knowledge, etc.). We thus build a model in which education, religiosity and marriage type are optimally chosen by utility-maximizing individuals. In this framework, we determine the equilibrium share of civil marriages, see how it is related to average human capital and religious practice, and analyze the consequences of the legalization of divorce. Since both our theory and preliminary evidence highlight the importance of divorce, we also investigate a politico-economic extension of our model, where political preferences towards the legalization of divorce arise endogenously and depend on education, religiosity and marriage choices. The results of the model can be brought back to the data, relying on newly collected information (at the municipality level) from the 1974 Italian referendum on divorce.

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, Fréderic 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.

Main publications in 2018-2019

Turati, Riccardo; Docquier, Frédéric; Valette, Jérôme; Vasilakis, Chrysovalantis. *Birthplace diversity and economic growth: Evidence from the US states in the Post-World War II period*. In: *Journal of Economic Geography*, forthcoming.

Docquier, Frédéric; Iftikhar, Zainab. *Brain drain, informality and inequality: a search-and-matching model for sub-Saharan Africa*. In: *Journal of International Economics*, Vol. 120, p. 109-125 (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).

Burzynski, M.; Docquier, Frédéric; Rapoport, H. *The changing structure of immigration to the OECD: what welfare effects on member states?* In: IMF *Economic Review,* Vol. 66, no. 3, p. 564-601 (2018).

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.

Main publication in 2018-2019

Bouakez, Hafedh; Oikonomou, Rigas; Priftis, Romanos. *Optimal Debt Management in a Liquidity Trap*. In: *Journal of Economic Dynamics and Control*, Vol. 93, p. 5-21 (August 2018).

Research projects under contracts in 2018-2019

"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.

"Precautionary Savings and Government Debt Management''

FINANCING: FNRS

PROMOTOR: R. Oikonomou

PROJECT DESCRIPTION: This project address the so called short bond puzzle in macroeconomic models of debt management. We propose a theory of optimal government portfolios in an economy with heterogeneous agents, incomplete financial markets and idiosyncratic labor income risk. We show that in the presence of a strong demand for precautionary savings by the private sector, an optimizing government finds optimal to issue short term debt.

V. Sustainable growth

The concept of sustainability is central in growth and development theories. Our team is involved in a project that relates to the measurement of prosperity along the growth path. Multidisciplinary research can undoubtedly feed and enrich the economists' approach by incorporating those of philosophers, sociologists, lawyers, medical specialists, agronomists, and engineers. This line of research notably puts a specific focus on indicators beyond GDP.

Main publications in 2018-2019

Malay, Olivier. *Do Beyond GDP indicators initiated by powerful stakeholders have a transformative potential?* In: *Ecological Economics*, Vol. 162, p. 100-107 (2019).

VI. 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).

CONTENTS

• 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, Marthe Nyssens, William Parienté, Anaïs Perilleux, Sandy Tubeuf, Vincent Vandenberghe, and Bruno Van der Linden. Esther Delesalle and Koen Declercq, senior researchers at IRES, also participates 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

CONTENTS

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 Research associate) 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).

Main publications in 2018-2019

Declerq, K.; Verboven, F. *Enrollment and degree completion in higher education without admission standards*. In: *Economics of Education Review*, Vol. 66, p. 223-244 (2018).

Declercq, K. and Verboven, F. *Les défis de l'enseignement supérieur*, In : *L'école du renouveau*, Itinera: Brussels, p. 207-248 (2018).

Declercq, K.; Verboven, F. *Uitdagingen voor het hoger onderwijs*, In: *De hervormde school*, Itinera: Brussels, p. 207-248 (2018).

Research projects under contracts in 2018-2019

"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 microeconometric 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.

Main publications in 2018-2019

Delmez, Françoise; Vandenberghe, Vincent. *Long Working Hours Make Us Less Productive but Also Less Costly.* In: Labour: *review of labour economic and industrial relations*, Vol. 32, no. 4, p. 259-287 (December 2018).

Vandenberghe, Vincent. *Alternatives to polynomial trend-corrected differeces-in-differences models.* In: *Applied Economics Letters,* Vol. 26, no. 5, p. 358-361 (2019).

Research projects under contracts in 2018-2019

"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 people 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 2018-2019

Brihaye, T.; De Pril, J.; Labie, M.; Périlleux, A. *Positive vs Negative Incentives for Loan Repayment in Microfinance: A Game Theory Approach.* In: *Review of Development Economics*, Vol. 23, no. 2, p. 577-597 (May 2019)

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).

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

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

Research projects under contracts in 2018-2019

"Chair Social Economy in the South" (2012-2019)

FINANCING: Fondation Louvain
PROMOTORS: M. Nyssens, A. Lemaitre (IACCHOS)

PROJECT DESCRIPTION: The Chair has three main objectives.
1. Training of researchers - PhD students and postdocs - in the following areas: mutual insurance, food and economic security strategies developed through social economy initiatives.
2. The development of these themes in master degrees (Master in Economics, Master in Development ...).
3. The development of synergies between research and action through the partnership with the NGO "Louvain-cooperation".

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.
The chaire's webpage can be found at: https://www.uclouvain.be/515272.html

"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.

Main publications in 2018-2019

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*, forthcoming.

Research projects under contracts in 2018-2019

"Optimizing social protection in Egypt"

FINANCING: Sawiris Foudation for Social Development (SFSD)

PROMOTORS: William Parienté, Adam Osman (University of Illinois at Urbana Champaign), Ragui 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: William 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.

Main publications in 2018-2019

Rais Ali, S.; Tubeuf, Sandy. *(In)equality in the allocation of R&D resources for rare diseases*. In: *Social Justice Research*, forthcoming.

Edginton, E.; Walwyn, R.; Twiddy, M.; Wright-Hughes, A.; Tubeuf, S.; Reed, S.; Smith, A.; Stubbs, L.; Birtwhistle, J.; Abraham, S.J.; Ellis, L.; Midgley, N.; Hughes, T.; Wallis, P.; Cottrell, D. TIGA-CUB - *Manualised psychoanalytic child psychotherapy versus treatment as usual for children aged 5-11 with treatment resistant conduct disorders and their primary carers: results from a randomised controlled feasibility trial.* In: *Journal of Child and Adolescent Mental Health*, Vol. 30, no. 3 (2018).

Hafidz, F.; Ensor T.; Tubeuf S. *Effciency measurement in health facilities in low- and middle-income countries: a review of evidence*. In: *Applied Health Economics and Health Policy,* Vol. 16, no. 4, p. 465-480 (2018).

Hafidz, F.; Ensor, T.; Tubeuf, S. *Assessing health facility performance in Indonesia using the Pabon-Lasso model and unit cost analysis of health services*. In: *International Journal of Health Planning and Management,* Vol. 33, no. 2, p. e541-e556 (2018).

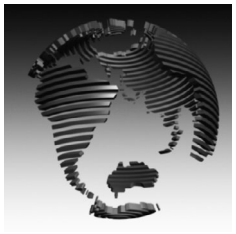
House, A.; Guthrie, E.; Walker, A.; Hewison, J.; Trigwell, P.; Brennan, C.; Crawford, M.; Czoski Murray, C.; Fossey, M.; Hulme, C.; Martin, A.; Quirk, A.; Tubeuf, S. *A programme theory for liaison mental health services in England*. In: *BMC Health Services,* Vol. 18, no. 742 (2018).

Tubeuf, S.; Saloniki, EC.; Cottrell, D. *Parental health spillover in cost-effectiveness analysis: Evidence from self-harming adolescents in England*. In: *Pharmacoeconomics*, Vol. 337, no. 4 p. 513-530 (2019).

Jusot, F.; Tubeuf, S. *Equality of Opportunity in Health and Health Care*. In: *Oxford Research Encyclopedia of Health Economics.* Oxford University Press (2019).

CONTENTS

• 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, Fabio Mariani and Gonzague Vannoorenberghe. Stefanija Veljanoska, senior researcher at IRES, also participates 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

CONTENTS

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.

Research projects under contracts in 2018-2019

"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 chich 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.

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.

Main publications in 2018-2019

Turati, Riccardo; Docquier, Frédéric; Tansel, Aysit. *Do Emigrants self-select along cultural traits? Evidence from the MENA countries.* In: *International Migration* Review, forthcoming.

Docquier, Frédéric. *Long-term trends in international migration: lessons from macroeconomic model.* In: *Economics and Business Review*, Vol. 4, no. 1, p. 3-15 (2018).

Research projects under contracts in 2018-2019

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

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

PROMOTORS : Fr. Docquier, Philippe Bocquier (DEMO), Jean-Yves Carlier (JURI) et Pierre 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, demo-economic changes, climatic factors and conflicts.

IV. Globalization, development and inequality

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 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.

Finally, 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.

Main publications in 2018-2019

Bos, Marijke; Vannoorenberghe, Gonzague. *Imported input varieties and product innovation: Evidence from five developing countries.* In: *Review of International Economics,* Vol. 27, no. 2, p. 520-548 (2019).

Research projects under contracts in 2018-2019

``Sources of change in comparative advantage and policy implications'' (2017-2019)

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.

``Measuring inequality from trade data''

FINANCING : FNRS

PROMOTOR : G. Vannoorenberghe

PROJECT DESCRIPTION: This project uses international trade data to proxy for changes in income inequality within developing countries. Income inequality in poor countries is often badly measured and only with a long time lag. Based on the well-established fact that consumption patterns differ with income, we develop a method to measure the change in a country's income inequality based on the change of its import patterns. We aim to develop a database of changes in inequality for each country over time based on our inferences from observed trade patterns.

``Winners and Losers from Globalization and Market Integration: Insights from Micro-Data"

FINANCING : FNRS : EOS (reference number 30784531)

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

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.

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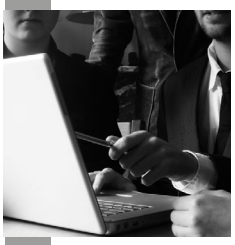

Interactions with decision-makers

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 2018-2019

CONTENTS

I. Regards Economiques

Regards Economiques is a publication series of the economists of the Catholic University of Louvain.. 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 2018 to July 2019, nine issues of *Regards Economiques* have been published:

- Issue 141 (octobre 2018), *Formation des salaires en Belgique : interactions sectorielles et performances macroéconomiques*, by Arnaud Bourgain, Kirti Mehta, Fatemeh Shadman, Henri Sneessens. This article has been dowloaded 560 times.
- Issue 142 (novembre 2018), *Bannissement des produits dérivés : la bonne affaire ?*, by Frédéric Vrins. This article has been downloaded 410 times.
- Issue 143 (janvier 2019), *Perspectives économiques 2019*, by Gautier Attanasi, Vincent Bodart, François Courtoy, Sébastien Fontenay, Alexandre Ounnas, Mathieu Sauvenier. This article has been downloaded 429 times.
- Issue 144 (janvier 2019), *En faut-il peu pour être heureux ? Conditions de vie, bonheur et bien-être en Belgique*, by Bart Capéau, Laurens Cherchye, Bram De Rock, Koen Decancq, André Decoster, François Maniquet, Annemie Nys, Guillaume Périlleux, Eve Ramaekers, Zoé Rongé, Erik Schokkaert, Frederic Vermeulen. This article has been downloaded 917 times.
- Issue 145 (mars 2019), *Une nouvelle tarification des réseaux pour favoriser la transition énergétique*, by Axel Gautier, Julien Jacqmin. This article has been downloaded 1517 times.
- Issue 146 (mai 2019), *Évolution de l'emploi en Belgique : tentons d'y voir plus clair,* by Vincent Bodart, Muriel Dejemeppe, Sébastien Fontenay. This article has been downloaded 715 times.
- Issue 147 (mai 2019), *Comment les inégalités économiques ont donné naissance à l'hyper-parentalité*, by Matthias Doepke, Fabrizio Zilibotti. This article has been downloaded 335 times.
- Issue 148 (juin 2019), *Fiscalité et commerce international : quels enjeux pour l'immigration clandestine ?*, by Fabio Mariani, Luca Pensieroso. This article has been downloaded 227 times.
- Issue 149 (juillet 2019), *Perspectives économiques 2019-2020*, by Gautier Attanasi, Vincent Bodart, François Courtoy, Sébastien Fontenay, Alexandre Ounnas, Mathieu Sauvenier. This article has been downloaded 262 times.

1 «focus» (short article) of Regards économiques has also been published:

• 24 septembre 2018 : *Une baisse plus rapide des allocations de chômage est-elle à recommander ?*, by Bart Cockx, André Decoster, Muriel Dejemeppe, Johannes Spinnewijn, Bruno Van der Linden

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 2018-2019

Baurin Arnaud et Jean Hindriks, *"Financement des pensions: rétrospectives et perspectives"*. In: Reflets et perspectives de la vie économique.

Dejemeppe Muriel, lecho.be, *"Le doute s'insinue dans le bilan économique de Michel"*, interview de Muriel Dejemeppe par Benoît Mathieu, 3 mai 2019.

Dejemeppe Muriel, *"Effet de la suédoise, 30.000 jobs créés en 4 ans"*, interview de Muriel Dejemeppe par Dominique Berns, Le Soir, p. 1-2, 2 mai 2019.

Dejemeppe Muriel, rtbf.be, *"30.000, 70.000, 140.000: combien d'emplois ont réellement été créés par le gouvernement Michel ? "*, interview , 2 mai 2019.

Dejemeppe Muriel, rtbf.be, *"40 % des emplois créés entre 2015 et 2018 dus aux politiques prises avant l'actuelle législature"*, interview par Michel Gassée, 2 mai 2019.

Dejemeppe Muriel, canalz.levif.be, *"Selon l'Ires, le gouvernement Michel n'aurait créé que 30.000 emplois dans le secteur privé"*, interview par Jean-Michel Herbint, 2 mai 2019.

Dejemeppe Muriel, *"Chômage : le gouvernement fédéral rappelé à l'ordre"*, Le Soir, p. 1, 24 septembre 2018.

Dejemeppe Muriel, *"Chômage : seize académique tirent la sonnette d'alarme"*, Le Soir, p. 2-3, 4 septembre 2018.

Malay Olivier, La Libre, *"La libération du rail sera-t-elle bénéfique pour le climat ?"*, 29 mars 2019.

Malay Olivier, La Libre, Carte blanche, *"L'égalité est-elle bonne ou mauvaise pour l'économie ?"*, 6 février 2019.

Malay Olivier et Tanguy Ollinger(St-Louis), Carte blanche, *"L'État et les entreprises devront faire trois quarts de l'effort climatique"*, Le Soir, 1er août 2019.

Malay Olivier et Blaise Godefroid, RTBF Views, *"Il faut 300 millions pour refinancer les universités"*, 4 février 2019.

Morault Pauline, Post on the AFSE's blog: http://www.blog-afse.fr/content/trois-essais-sur-la-structure-sociale-et-ses-implications

Mariani Fabio and Luca Pensieroso, LaVoce.info, *"Gli immigrati irregolari? Calano se cala il sommerso"*, 8 février 2019. https://www.lavoce.info/archives/57463/gli-immigrati-irregolari-calano-se-si-riduce-il-sommerso/

Pensieroso Luca, rtbf.be, La Première, Matin Première, Le Journal de l'éco: *"L'économie souterraine encourage l'immigration illégale"*, interview par Michel Gassée.

Pensieroso Luca, *"Et si on agissait sur la fiscalité pour contrôler les flux migratoires ?"*, interview par François Mathieu, La Libre Belgique, p. 11, 20 juin 2019.

Pensieroso Luca, *"Plus on exporte, moins il y a de clandestins"* interview par Christophe De Caevel, Le Trends, p. 7, 20 juin 2019.

Van der Linden Bruno, Carte blanche, *"Une baisse plus rapide des allocations de chômage est-elle à recommander ?"*, Le Soir, 24 septembre 2018.

Van der Linden Bruno, Discussion du rapport *"Cross-border risk sharing when unemployment hits : How policy design influences public support or resistance among European citizens"*, par Frank Vandenbroucke (UvA), Brian Burgoon (UvA), Theresa Kuhn (UvA), Francesco Nicoli (UvA), Stefano Sacchi (INAPP), David van der Duin (UvA), Sven Hegewald (UvA), CEPS, Bruxelles, le 11 décembre 2018.

Van der Linden Bruno, Commission des Affaires sociales de la Chambre des représentants de la Belgique, Audition relative à la proposition de résolution pour une réduction collective du temps de travail n° 2610/1, *"La réduction du temps de travail et ses effets dans un monde en changement rapide"*, 16 janvier 2019.

CONTENTS

Events and exchanges

In this chapter, we list the events organized at IRES or by IRES members during the academic year 2018-2019. In addition, IRES members had participations to seminars, conferences, workshops and exchanges of some duration in other universities during this period.

I. Conferences organized by UCLouvain members

II. The UCLouvain Economics Seminar

III. The IRES Lunch Seminar

IV. Doctoral Workshop

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I. Conferences organized by UCLouvain members

IRES members organized 10 conferences or workshops in 2018-2019:

- IRES Academics members, "IRES 90th Anniversary: cycles of conferences", Louvain-la-Neuve, September-December 2018
  - September 20, Axel Börsch Supan (TU Munich), "Myths, scientific evidence and economic policy in an aging world".
  - October 18, Gianmarco Ottavianon(Boconi University), "The consequences of trade disintegration: the case of Brexit".
  - November 5, Barry Eichengreen (UC Berkeley), "The economics and politics of populism".
  - November 8, Mike Elsby (University of Edinburgh), "Male joblessness in the United States".
  - December 14, George Borjas (Harvard Kennedy School), "The Economics of Immigration: Unravelling the Narrative".
- Dejemeppe, Muriel, "16th Belgian day for labor economists", Maastricht University, May 24, 2019.
- Pensieroso, Luca, "7th Belgium Macroeconomics Workshop", Ghent, September 13, 2019.
- Docquier, Frédéric, "Workshop on the Impact of Migrants, Refugees and Asylum Seekers", Louvain-la-Neuve, December 14, 2018.
- de la Croix, David, Workshop ARC "Family transformations : Incentives and Norms", Durbuy, June 4-6, 2019.
- Nyssens Marthe, Co – chair of the 7th EMES conference, 7h EMES conference, "Sustainable development through social enterprise, cooperative and voluntary action", Sheffield (United Kingdom), June 24-27, 2019.

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: W. Pariente (William.pariente@uclouvain.be).

The UCLouvain Economics Seminar in 2018

- **October 4**, Valerie Lechene (University College London), "Employment Effects of Payroll Tax SubsidiesThursday".
- **October 11**, Régis Renault (Université de Cergy-Pontoise), "Search Direction: Position Externalities and Position Bias".
- **October 18**, Gianmarco Ottaviano (LSE/University of Bologna), "Appropriability of Intellectual Assets and the Organization of Global Supply Chains".
- **November 8**, Mike Elsby (University of Edinburgh), "Male joblessness in the United States".
- **November 15**, Antonio Rosato (Cambridge University), "Projection of Private Values in Auctions".
- **November 22**, Nuno Coimbra (PSE), "Financial Cycles with Heterogeneous Intermediaries".
- **November 29**, Maarten Bosker (University of Rotterdam), "Shock propagation in global supply chains. Evidence from the US-Vietnam Bilateral Trade Agreement".

• **December 6**, Michal Kobielarz (KULeuven), "Unstable Monetary Unions – The Role of Expectations and Past Experience".

• **December 13**, Seminar on immigration with L. Minale, H. Rapoport and M. Burzynski.

The UCLouvain Economics Seminar in 2019

• **February 7,** Sascha Becker (University of Warwick), "Effects of Catholic Censorship during the Counter-Reformation".

• **February 14**, Matteo Cervellati (University of Bologna), "Sovereign Polities and Pre-Industrial Development: Theory and Evidence for Europe 1000-1850".

• **February 21**, Botond Kószegi (Central European University), "An Attention-Based Theory of Mental Accounting".

• **February 28**, Sandy Tubeuf (UCLouvain, IRSS), "(In)-equality of opportunity in the allocation of R&D resources for rare diseases".

• **March 7**, Matthias Doepke (Northwestern), "Employment Protection, Investment in Job-Specific Skills, and Inequality Trends in the United States and Europe".

• **March 12**, John Roemer (Yale University), "How we cooperate: A theory of Kantian optimization".

• **March 14**, Regina Riphahn Erlangen (University of Nürnberg), "Employment Effects of Payroll Tax Subsidies".

• **March 21**, Gianluca Orefice (CEPII), "Immigration and Worker-Firm matching".

• **March 28**, Ferdinand Vieider (Ghent University), "Environmental Factors Shape Risk Preferences".

• **April 4**, James Fenske (Warwick), "Pre-Colonial Warfare and Long-Run Development in India".

• **April 11**, Chiara Farronato (Harvard Business School), "Consumer Protection in an Online World: An Analysis of Occupational Licensing".

• **May 2**, Alessandro Sommacal (University of Verona), "Flat tax reforms in Italy through the lens of an heterogenous agents OLG model".

• **May 16**, Pietro Biroli (University of Zurich), "Genetics and Health Insurance: How Genes and Insurance Status Affect Smoking Decisions after Health Shocks".

• **May 23**, Sydney Ludvigson (New York University), "How the Wealth Was Won: Factor Shares as Market Fundamentals"

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 Luca Pensieroso (luca.pensieroso@uclouvain.be) and Annalisa Frigo.

The IRES Lunch Seminar in 2018

• **October 2**, Marc Goñi (visiting from University of Vienna), "Landed Elites and Education Provision in England: Evidence from School Boards, 1871-99".

• **October 16**, Michel De Vroey (IRES), "The History of Macroeconomics under the Sense of the Marshall-Walras Divide".

• **October 23**, Gonzague Vannoorenberghe (IRES), "A Theory of New Trade Agreements".

• **October 30**, Cristina Manea (Pompeu Fabra University), "Collateral Constrained Firms and Monetary Policy".

• **November 6**, Andreas Backhaus (CEPS and LMU Munich), "Fading Legacies: Human Capital in the Aftermath of the Partitions of Poland".

• **November 13**, Cyrille Dossougoin (CORE-LFIN), "Sovereign Risk Spillovers through Endogenous Cross-Border Financial Linkages".

• **November 20**, Manuel Oechslin (University of Lucerne), "Smaller Measurement Errors, Better Economic Policies?".

• **November 27**, Koen Declerq (IRES), "Gender Differences in Applying for STEM Programs: Evidence from a Policy Shift in Hungary".

• **December 11**, Romain Wacziarg (UCLA), "Change and Persistence in the Age of Modernization: Saint-Germain-d'Anxure, 1730-1895".

The IRES Lunch Seminar in 2019

• **January 22**, Hamzeh Arabzadeh (RWTH University), "Governments, budget deficits and wage setting centralization".

• **January 29**, Esther Delesalle (IRES), "The Impact of the Universal Primary Education Program on Labor Market Outcomes: Evidence from Tanzania".

• **February 5**, Stefanija Veljanoska (IRES), "Agricultural Policy and Migration in Malawi".

• **February 19**, Nouhoum Touré (Paris 2), "Culture, Institutions and the Industrialization Process".

• **February 26**, Luca Pensieroso (IRES), "The Rise of a Mainstream in Economics".

• **March 5**, Alexandros Theloudis (LISER and UCLouvain), "Family Time Allocation over the Last Half Century".

• **March 19**, Mathilde Valero (AMSE), "Household Income Shocks and Sibling Composition: Evidence from Rural Tanzania".

• **March 26**, Roland Winkler (University of Antwerp), "The Government Spending Multiplier at the Zero Lower Bound: International Evidence from Historical Data".

• **April 2**, Erica Perego (CEPII), "World interest rate shocks and macroeconomic adjustment in commodity producing countries: the role of storage".

• **April 23**, Lorenzo Trimarchi (Université de Namur), "Trade Policy and the China Syndrome".

• **April 30**, Pauline Morault (IRES), "How did protestantism affect the network of European universities in the early modern period?".

• **May 7**, Khushboo Surana (KU Leuven), "Stable Marriage and Children: Child Custody and Intrahousehold Sharing".

• **May 14**, Christian Kiedaisch (UNamur), "Inequality and Demand-Driven Innovation: Evidence from International Patent Applications".

• **May 21**, Lingwei Wu (University of Bonn), "The Economic Motives For Foot-Binding".

• **May 28**, William Parienté (IRES), "Cream skimming and the comparison between social interventions. Evidence from entrepreneurship programs for at-risk youth in France".

• **June 3**, Florian Mayneris (UQÀM), "The price of remoteness: Evidence from Ethiopia".

• **June 11**, Daniele Verdini (IRES), "Demand Shocks, Sector-level Externalities and the Evolution of the Comparative Advantage".

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. Event 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 2018-2019 took place twice:

• On the **19 December 2018** at University of Namur

• On the **20 May 2019** at Université catholique de Louvain.

CONTENTS

APPENDIX A

Contributions with more than 100 citations according to the HPP and Google Scholar databases

1531 citations for: Beine, Michel; Docquier, Frédéric; Rapoport, Hillel. *Brain drain and economic growth: theory and evidence*. In: *Journal of Development Economics*, Vol. 64, no. 1, p. 275-289 (2001).

1310 citations for: Beine, Michel; Docquier, Frédéric; Rapoport, Hillel. *Brain drain and human capital formation in developing countries: winners and losers*. In: *The Economic Journal*, Vol. 118, no. 528, p. 631-652 (2008).

1134 citations for: Rapoport, Hillel; Docquier, Frédéric. *The Economics of Migrants' Remittances*. In: Kolm, Serge-Christophe; Mercier Ythier, Jean, *Handbook on the Economics of Giving, Reciprocity and Altruism*, North-Holland: Amsterdam, Vol. 2, p. 1135-1198 (2006).

1131 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).

1126 citations for: Docquier, Frédéric; Marfouk, Addeslam. *International migration by educational attainment, 1990-2000*. In: Özden, Caglar; Schiff, Maurice W., *International migration, remittances, and the brain drain*, World Bank, p. 151- 200 (2006).

904 citations for: Nyssens, Marthe. *Social Enterprise: At the crossroads of markets, public policies and civil society*. Routledge, 2006, 336 pages.

846 citations for: Docquier, Frédéric; Rapoport, Hillel. *Globalization, Brain Drain, and Development*. In: *Journal of Economic Literature*, Vol. L, no. 3, p. 681-730 (2012).

805 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).

801 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 (2003).

602 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.

539 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).

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

491 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).

481 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).

APPENDIX A

453 citations for: Docquier, Frédéric; Lowell, B. Lindsay; Marfouk, Abdeslam. *A Gendered Assessment of Highly Skilled Emigration*. In: *Population and Development Review*, Vol. 35, no. 2, p. 297-321 (2009).

447 citations for: Docquier, Frédéric; Lohest, Olivier; Marfouk, Addeslam. *Brain drain in developing countries*. In: *The World Bank Economic Review*, Vol. 21, no. 2, p. 193-218 (2007).

342 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).

340 citations for: Laville, J.L.; Nyssens, Marthe. *The Social Enterprise: Toward A Theoretical Approach*. In: C. Borzaga and J. Defourny, *The Emergence of Social Enterprise.* Routledge: London, p. 312-322 (2001).

289 citations for: Docquier, Frédéric. *The Labour Market Effects of Immigration and Emigration in OECD Countries*. In: *The Economic Journal*, Vol. 124, no. 579, p. 1106-1145 (September 2014).

288 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).

261 citations for: Defourny, Jacques; Nyssens, Marthe. *The EMES Approach of Social Enterprise in a Comparative Perspective* (EMES European Research Network; 12/03), 28 pages (2012).

223 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).

223 citations for: Vandenberghe, Vincent; Robin, S. *Evaluating the effectiveness of private education across countries: a comparison of methods*. 15th Annual Conference of the European-Association-of-Labour-Economists (Univ. Pablo de Olavide, Seville (Spain), Sep 18-21, 2003). In: *Labour Economics*. Vol. 11, no. 4, p. 487-506 (2004).

219 citations for: Beine, Michel; Docquier, Frédéric; Rapoport, Hillel. *Measuring international skilled migration: A new database controlling for age of entry*. In: *The World Bank Economic Review*, Vol. 21, no. 2, p. 249-254 (2007).

218 citations for: Dreze, Jacques; Bean, Charles; Lambert, Jean-Paul; Sneessens, Henri; Shadman Valavi, Fatemeh. *Europe's Unemployment Problem*. MIT press: Cambridge, 488 pages (1991).

209 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).

208 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).

206 citations for: De Vroey, Michel. *A regulation approach interpretation of contemporary crisis*. In: *Capital &Class*, Vol. 8, no. 2, p. 45-66 (Summer 1984).

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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).

195 citations for: Beine, Michel; Docquier, Frédéric; Schiff, Maurice. *International Migration, Transfer of Norms, and Home Country Fertility*. In: *Canadian Journal of Economics*, Vol. 46, no. 4, p. 1406-1430 (November 2013).

175 citations for: Docquier, Frédéric; Lodigiani, Elisabetta. *Skilled Migration and Business Networks*. In: *Open Economies Review*, Vol. 21, no. 4, p. 565-588 (2010).

172 citations for: Docquier, Frédéric. *Fuite des cerveaux et inégalités entre pays*. In: *Revue d'économie du développement*, Vol. 21, no. 2, p. 49-88 (2007).

170 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).

164 citations for: Boeri, Tito; Brücker, Herbert; Docquier, Frédéric; Rapoport, Hillel. *Brain drain and brain gain the global competition to attract high-skilled migrants*. Oxford University Press: Oxford (2012).

154 citations for: Vannoorenberghe, Gonzague. *Firm-level volatility and exports*. In: *Journal of International Economics*, Vol. 86, no. 1, p. 57-67 (January 2012).

153 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).

146 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 (Septembre 2003).

138 citations for: Beine, Michel; Docquier, Frédéric; Oden - Defoort, Cecily. *A Panel Data Analysis of the Brain Gain*. In: *World Development*, Vol. 39, no. 4, p. 523-532 (2011).

135 citations for: Laville, J.L.; Nyssens, Marthe. *Les services sociaux entre associations, État et marché, l'aide aux personnes âgées*. La Découverte: Paris. 2-7071-3579-8. 284 pages (2001).

131 citations for: Shen, I-Ling; Docquier, Frédéric; Rapoport, Hillel. *Remittances and inequality: a dynamic migration model*. In: *The Journal of Economic Inequality*, Vol. 8, no. 2, p. 197-220 (2010).

127 citations for: De Vroey, Michel. *Involuntary Unemployment: The Elusive Quest for a Theory* (Routledge Frontiers of Politics; 33), Routledge, 316 pages (2004)

127 citations for: Jacquet, Laurence; Lehmann, Etienne; Van der Linden, Bruno. *Optimal Redistributive Taxation with both Extensive and Intensive Responses*. In: *Journal of Economic Theory*, Vol. 148, no. 5, p. 1770-1805 (2013).

126 citations for: Bhargava, Alok; Docquier, Frédéric; Moullan, Yasser. *Modeling the effects of physician emigration on human development*. In: *Economics and Human Biology*, Vol. 9, no. 2, p. 172-183 (March 2011).

125 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).

124 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).

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

120 citations for: Bhargava, Alok; Docquier, Frédéric. *HIV pandemic, medical brain drain, and economic development in Sub-Saharan Africa*. In: *The World Bank Economic Review*, Vol. 22, no. 2, p. 345-366 (2008).

117 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).

117 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).

114 citations for: De Vroey, Michel. *A History of Macroeconomics from Keynes to Lucas and Beyond*. Cambridge University Press: New york. 978-1-107-58494-5. 445 pages (2016).

110 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).

109 Citations for: Vielle, Pascale; Pochet, Philippe; Cassiers, Isabelle. *L'Etat social actif, vers un changement de paradigme ?*. PIE Peter Lang: Bruxelles (2005).

106 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).

105 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).

102 citations for: Docquier, Frédéric; Peri, Giovanni; Ruyssen, Ilse. *The Cross-country Determinants of Potential and Actual Migration*. In: *International Migration Review : a quarterly studying sociological, demographic, economic, historical, and legislative aspects of human migration movements and ethnic group relations*, Vol. 48, no. S1, p. S37-S99 (Fall 2014).

101 citations for: Sneessens, Henri. *Investment and the Inflation-Unemployment Trade-off in a Macroeconomic Rationing Model with Monopolistic Competition*. In: *European Economic Review*, Vol. 31, no. 3, p. 781-815 (1987).

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List of publications of IRES members in 2018-2019

1. Papers published or forthcoming in peer-reviewed journals (28)

Papers forthcoming (8)

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*, forthcoming.

Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Endogenous Childlessness and Stages of Development*. In: *Journal of the European Economic* Association, forthcoming.

de la Croix, David; Fabre, Alice. *A la découverte des professeurs de l'ancienne université d'Aix, depuis ses origines à 1793*. In: *Annales du Midi*, forthcoming.

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*, forthcoming.

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*, forthcoming.

Rais Ali, S.; Tubeuf, S. *(In)equality in the allocation of R&D resources for rare diseases*. In: *Social Justice Research*, forthcoming.

Turati, Riccardo; Docquier, Frédéric; Tansel, Aysit. *Do Emigrants self-select along cultural traits? Evidence from the MENA countries*. In: *International Migration Review*, forthcoming.

Turati, Riccardo; Docquier, Frédéric; Valette, Jérôme; Vasilakis, Chrysovalantis. *Birthplace diversity and economic growth: Evidence from the US states in the Post-World War II period*. In: *Journal of Economic Geography*, forthcoming.

Papers published in 2018-2019 (20)

Bos, Marijke J. D.; Vannoorenberghe, Gonzague. *Imported input varieties and product innovation: Evidence from five developing countries*. In : *Review of International Economics,* Vol. 27*,* no. 2, p. 520-548, (May 2019).

Bouakez, Hafedh; Oikonomou, Rigas; Priftis, Romanos. *Optimal Debt Management in a Liquidity Trap*. In: *Journal of Economic Dynamics and Control*, Vol. 93, p. 5-21 (August 2018).

Brée, Sandra; de la Croix, David. *Key forces behind the decline of fertility: lessons from childlessness in Rouen before the industrial revolution*. In: Cliometrica *: journal of historical economics and econometric history*, Vol. 13, no. 1, p. 25-54 (January 2019).

Brishaye, Thomas; De Pril, Julie; Labie, Marc; Périlleux, Anaïs; *Positive versus negative incentives for loan repayment in microfinance: A game theory approach*. In: *Review of Development economics*, Vol. 23, no. 2, p.577-597 (May 2019).

Burzynski, M ; Docquier, F. ; Rapoport ; H. *The* changing structure of immigration to the OECD: what welfare effects on member *states?*, In: *IMF Economic Review*, Vol. 66, no. 3, p. 564-601 (2018).

APPENDIX B

de la Croix, David; Perrin, Faustine. *How Far Can Economic Incentives Explain the French Fertility and Education Transition?* In: *European Economic Review*, Vol. 108, p. 221-245 (September 2018).

Declercq, K.; Verboven, F. *Enrollment and degree completion in higher education without admission standards*. In: *Economics of Education Review*, Vol. 66, p. 223-244 (2018).

Delmez, Françoise; Vandenberghe, Vincent. *Long Working Hours Make Us Less Productive but Also Less Costly*. In: *Labour* : review of *labour* economics and industrial relations, Vol. 32, no. 4, p. 259-287 (December 2018).

Docquier, Frédéric (2018). *Long-term trends in international migration: lessons from macroeconomic model*. In: *Economics and Business Review*, Vol. 4, no. 1, p. 315. (2018).

Docquier, Frédéric; Iftikhar, Zainab. *Brain drain, informality and inequality: a search-and-matching model for sub-Saharan Africa*. In: *Journal of International Economics*, Vol. 120, p. 109-125 (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).

Edginton, E.; Walwyn, R.; Twiddy, M.; Wright-Hughes, A.; Tubeuf, S.; Reed, S.; Smith, A.; Stubbs, L.; Birtwhistle, J.; Abraham, S.J.; Ellis, L.; Midgley, N.; Hughes, T.; Wallis, P.; Cottrell, D. *TIGA-CUB - Manualised psychoanalytic child psychotherapy versus treatment as usual for children aged 5-11 with treatment resistant conduct disorders and their primary carers: results from a randomised controlled feasibility trial*. In: *Journal of Child and Adolescent Mental Health*, Vol. 30, no. 3 (2018).

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House, A.; Guthrie, E.; Walker, A.; Hewison, J.; Trigwell, P.; Brennan, C.; Crawford, M.; Czoski Murray, C.; Fossey, M.; Hulme, C.; Martin, A.; Quirk, A.; Tubeuf, S. *A programme theory for liaison mental health services in England*. In: *BMC Health Services*, Vol. 18, no. 742 (2018).

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*, Vol. 162, p. 100-107 (2019).

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

Tubeuf, S.; Saloniki, EC.; Cottrell, D. *Parental health spillover in cost-effectiveness analysis:Evidence from self-harming adolescents in England*. In: *Pharmacoeconomics*, Vol. 337, no. 4 p. 513-530 (2019).

Vandenberghe, Vincent. *Alternatives to polynomial trend-corrected differences-in-differences models*. In: *Applied Economics Letters*, Vol. 26, no. 5, p. 358-361 (2019).

2. Book chapters (6)

Book chapters forthcoming (2)

Baudin, Thomas; de la Croix, David; Gobbi, Paula Eugenia. *Childlessness and Economic Development: A Survey.* In: Bucci, A., K. Prettner and A. Prskawetz (eds): *Human capital and economic growth – The impact of health, education and demographic change*, forthcoming.

Mariani, Fabio; Perez-Barahona, A.; Raffin, N. *Population and the environment: the role of fertility, education and life expectancy.* In: Bucci, A., K. Prettner and A. Prskawetz (eds): *Human capital and economic growth – The impact of health, education and demographic change*, forthcoming.

Book chapters published in 2018-2019 (4)

Declercq, K. and Verboven, F. *Les défis de l'enseignement supérieur*, In : *L'école du renouveau*, Itinera: Brussels, p. 207-248 (2018).

Declercq, K.; Verboven, F. *Uitdagingen voor het hoger onderwijs*, In: *De hervormde school*, Itinera: Brussels,p. 207-248 (2018).

Defourny, Jacques; Nyssens, Marthe; Brolis, Olivier (eds). *Asian Social Enterprise Models in a Worldwide Perspective*. In: *Social Enterprise in Asia: Theory, Models and Practice* (Routledge Studies in Social Enterprise & Social Innovation), Routledge: Abingdon. 9780367211592 (2019).

Jusot, F.; Tubeuf, S. *Equality of Opportunity in Health and Health Care*. In: *Oxford Research Encyclopedia of Health Economics*, Oxford University Press (2019).

3. Book (1)

Gaiger, Luiz Inácio; Nyssens, Marthe; Wanderley, Fernanda. *Social Enterprise in Latin America :* Theory; Models and Practice. Routledge: Abingdon. 9780367151195. 330 pages (2019).

4. IRES Discussion papers (19)

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

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Maquette: Dominos Snyers

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