



EUROPEAN CENTER FOR ADVANCED  
RESEARCH IN ECONOMICS AND STATISTICS



## ECARES Activity Report 2023



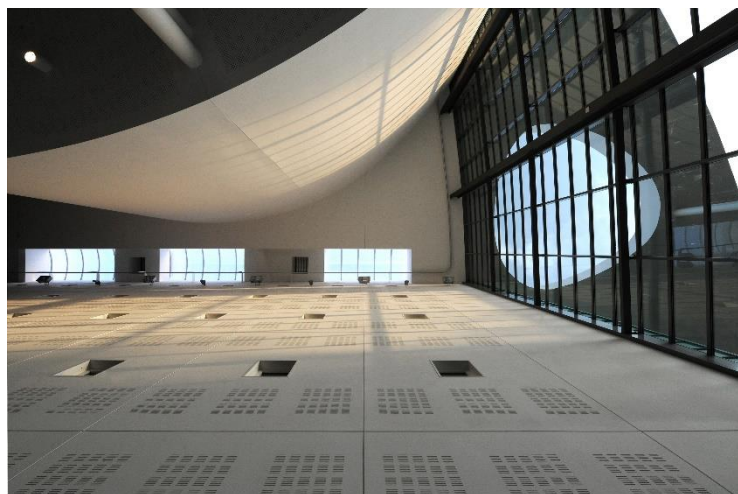
**Solvay** Brussels School  
Economics & Management

UNIVERSITÉ LIBRE DE BRUXELLES



## Foreword

The European Center for Advanced Research in Economics and Statistics (ECARES) is a research center at the Université libre de Bruxelles (ULB) within the Solvay Brussels School of Economics and Management (SBS-EM). The broad objective of ECARES is to foster excellence in research and high-quality graduate education in economics, econometrics and statistics. Inaugurated in 1991 as the European Center for Advanced Research in Economics (ECARE), it started as a joint initiative of the Institut d'Etudes européennes (IEE) at the ULB, and of the Centre for Economic Policy Research (CEPR), a network of around 500 researchers in Europe.



ECARES

In 1999, ECARE was transformed into ECARES, following the merger with the Centre d'Économie Mathématique et d'Économétrie (CEME) and the collaboration with statisticians from Institut de Statistique et de Recherche Opérationnelle (ISRO). ECARES fellows are leading researchers in several fields, including the behavior and organization of firms and markets, behavioral economics international trade, political economy, theory and empirics of household behavior, theory and applications of econometrics, development of nonparametric and robust statistical methods.

This research has resulted in numerous publications and an international long-standing reputation of excellence. ECARES fellows received the six ERC grants, two Francqui prizes, a Jahnsson medal, a Hicks-Tinbergen award, and an American Statistical Association fellowship.

In close connection with its research activities, ECARES has developed a Doctoral School, which offers internationally competitive, high quality PhD programs in Economics and Statistics and in Quantitative Economics.

The ECARES Doctoral School attracts many first-class European and non-European students. The outstanding quality of its PhD programs is reflected in the success of its graduates on the academic job market. ECARES collaborates with CORE (the Center for Operations Research and Econometric of the Université catholique de Louvain) and CES (the Center for Economic Studies of KULeuven), with which it has created a common center of excellence, ECORES, integrating the research activities and doctoral programs of the three institutions.

**"The difficulty lies not so much in developing new ideas as in escaping from old ones."**

- John Maynard Keynes

# You will find in this report



## **Fellows**

[Regular Fellows](#)

[Post-doctoral researchers](#)

[PhD students](#)

[Staff](#)



## **Publications and working papers**

[2 books](#)

[8 chapters in books](#)

[38 publications in international journals](#)

[6 policy papers and reports](#)

[38 working papers](#)



## **Seminars and conferences at ECARES**

[79 seminars](#)

[9 conferences and workshops](#)



## **Other networking activities**

[4 long term visitors](#)

[54 visits abroad](#)



## **[Prizes and notoriety](#)**



## **Doctoral school**

[PhDs awarded](#)

# Fellows

## Regular fellows

[Gani Aldashev](#) (Development Economics, Political Economy, Collective Decisions)

[Marco Becht](#) (Corporate and Public Governance)

[Fabio Blasutto](#) (Macroeconomics, Family Economics)

[Estelle Cantillon](#) (Microeconomics, Industrial Organization, Auction and Market Design)

[Micael Castanheira](#) (Microeconomics, Political Economy)

[Paola Conconi](#) (International Trade, Political Economy, Firm Organization)

[Christine De Mol](#) (Inverse Imaging, Sparse Recovery, Statistical Learning, High-Dimensional Time Series, Portfolio Theory)

[Bram De Rock](#) (Revealed Preference Theory and Non-Parametric Analysis of Choice Behavior, Efficiency Analysis, Collective Model of Household Behavior, Fixed Point Theory on Infra-Nilmanifolds)

[Griselda Deelstra](#) (Interest Rate Models, Stochastic Optimization, Mathematical Finance and Applications in Insurances)

[Catherine Dehon](#) (Econometrics and Applied Mathematics, Nonparametric and Robust Statistics)

[Thomas Demuynck](#) (Economic Theory, Revealed Preference Theory, Choice and Demand Theory)

[Mathias Dewatripont](#) (Economic Theory and Applications, Theory of Incentives and Organizations)

[Antonio Estache](#) (Public Economics, Theory of Regulation applied to Network Industries)

[Marjorie Gassner](#) (Mathematical Aspects of Electoral Systems)

[Victor Ginsburgh](#) (Industrial Organization, Economics of the Arts, Economics and Language)

[Paula Gobbi](#) (Quantitative Macroeconomics, Family Economics, Development and Growth)

[Marc Hallin](#) (Mathematical Statistics, Time-Series Econometrics)

[Georg Kirchsteiger](#) (Behavioral Economics, Experimental Economics, Game Theory, Industrial Economics, Public Economics)

[Robert Kollmann](#) (Macroeconomics, International Finance and Computational Economics)

[Patrick Legros](#) (Industrial Organization, Contracts and Auctions, Competition and Research Policy, Corporate and Public Governance)

[Glenn Magerman](#) (European Integration, International Trade)

[Guy Mélard](#) (Statistical Analysis of Time Series and Signal Processing, Models with Time-Dependent Coefficients, Non-Linear Models and Intervention Models)

[Luca Merlino](#) (Microeconomics, Social Networks, Labor Economics.)

[Mattia Nardotto](#) (Industrial Organization, Political Economy, Behavioral Economics)

[Davy Paindaveine](#) (Mathematical Statistics)

[Mathieu Parenti](#) (International Trade, Industrial Organization)

[André Sapir](#) (International Trade, European Integration)

[Philip Ushchev](#) (Applied General Equilibrium Theory, Industrial Organization, Networks, Urban Economics)

[Germain Van Bever](#) (Nonparametric Statistics and Econometrics, Functional Data Analysis, Depth-based Techniques.)

[Thomas Verdebout](#) (Directional Statistics and High-dimensional Statistics)

[Philip Verwimp](#) (Development Economics, Political Economy, Collective Decisions, Experimental and Behavioral Economics)

[Philippe Weil](#) (Macroeconomic Theory, Growth and Cycles)

## Post-doctoral researchers

[Yasmine Bekkouche](#) (Development Economics and Political Economy)

Bart Capeau (Welfare Economics, Social Choice, Inequality Measurement)

[Bertrand Colignon](#) (Sustainable Development, Natural and Artificial Systems, System Dynamics, Collective Decision-making)

[Florin Cucu](#) (International Trade, Migration, Political Economy)

[Matthew Curtis](#) (Economic History, Labor Economics, Economic Development)

[Gerard Domènech Arumí](#) (Labor, Public, and Urban Economics)

[Alexander Dürre](#) (Time Series Analysis, Nonparametric Statistics)

[Charles Gauthier](#) (Applied Econometrics, Computational Economics, and Machine Learning)

[Joanne Haddad](#) (Economic History, Gender and Demography, Labor Economics, Political Economy)

[Madina Kurmangaliyeva](#) (Law and Economics, Economics of Crime)

[Sébastien Laffitte](#) (International Economics, Public Economics)

[Mohammad Sepahvand](#) (Risk preferences, Risk and Gender)

[Laura Puccio](#) (EU External Relations Law; International Economic Law, Comparative Trade Law)

[Zsolt Udvari](#) (Game Theory, Industrial Organization, Theory of Contracts and Organizations and Decision Theory)

## PhD students (academic year 2022-2023)

Anousheh Alamir (Supervisor: Paula Gobbi)

Bastien Bernon (Supervisor: Glenn Magerman)

Esteban Callejas (Supervisor: Gani Aldashev)

Claudio Costanzo (Supervisor: Paula Gobbi)

Laurent Cyrus (Supervisor: Gani Aldashev)

Tommaso D'Amelio (Supervisor: Paula Gobbi)

Ronny De Salvador Ortega (Supervisor: Micael Castanheira)

Marco D'Amico (Supervisor: Robert Kollmann)

Thomas Dulak (Supervisor: Gani Aldashev)

Thomas Eisfeld (Supervisor: Georg Kirchsteiger)

Oguzhan Erdogan (Supervisor: Mathieu Parenti)

Federico Gallina (Supervisor: Mathieu Parenti)

Moritz Hennicke (Supervisor: Gani Aldashev)

Charles Hoffreumon (Supervisor: Nicolas van Zeebroeck)

Julia Jadin (Supervisor: Estelle Cantillon)

Dimitri Konen (Supervisor Davy Paindaveine)

Zhanar Konys (Supervisor: Gani Aldashev)  
Mariia Kovaleva (Supervisor: Bram De Rock)  
Florine Le Henaff (Supervisor: Bram De Rock)  
Fabrizio Leone (Supervisor: Mathieu Parenti)  
Sirui Li (Supervisor: Georg Kirchsteiger)  
Ievgeniia Lytvynova (Supervisor: Gani Aldashev)  
Jeff Majeros (Supervisor: Estelle Cantillon)  
Giovanni Mariani (Supervisor: Micael Castanheira)  
Ignacio Marra De Artinano (Supervisor: Paola Conconi)  
Alexis Mergan (Supervisor: Mathias Dewatripont)  
Vivien Meurice (Supervisor: Davy Paindaveine or Thomas Verdebout)  
Domenico Moramarco (Supervisor: Bram De Rock)  
Ilaria Natali (Supervisor: Patrick Legros)  
Elisa Navarra (Supervisor: Mathieu Parenti)  
Alberto Palazzolo (Supervisor: Glenn Magerman)  
Laura Peralvo Maroto (Supervisor: Davy Paindaveine or Thomas Verdebout)  
Elise Petit (Supervisor: Bruno van Potteslberghe)  
Leticia Pieraerts (Supervisor: Estelle Cantillon)  
Morgane Rigaux (Supervisor: Thomas Demuynck)  
Sarah Rosenberg (Supervisor: Bram De Rock)  
Daniel Salinas Rincon (Supervisor: Philip Verwimp)  
Umutcan Salman (Supervisor: Thomas Demuynck)  
Claudio Schioppa (Supervisor: Paula Gobbi)  
Baptiste Souillard (Supervisor: Mathieu Parenti)  
Clément Staner (Supervisor: Thomas Demuynck)  
Damiano Truzzi (Supervisor: Philip Verwimp)  
Elise Viadere (Supervisor: Estelle Cantillon)  
Markus Münch (Supervisor: Bram De Rock)

## Staff

Gaëlle Kuba di Vita (website, seminars, visitors, communication and conferences)  
Marie Clamagirand (accounting, research contracts and conferences)  
Anne-Marie Notarianni (doctoral school)



# PUBLICATIONS

## 2 Books

1. B. Brey, G. Facchini, The consequences of a trade collapse: Economics and politics in Weimar Germany. Available at SSRN 4681779, 2023
2. E. Cantillon, C. Gollier, D. Rohner, Phase-out policies, Peace not Pollution: How Going Green Can Tackle Climate Change and Toxic Politics. London, CEPR Press, 2023

## 8 Chapters in books

1. Francq, Christian; Verdebout, Thomas; Zakoian, Jean Michel, Portmanteau Tests for Semiparametric Nonlinear Conditionally Heteroscedastic Time Series Models, Research Papers in Statistical Inference for Time Series and Related Models: Essays in Honor of Masanobu Taniguchi (pp. 123-153), null Springer Nature
2. Hallin, Marc; Liu, H.; Mukherjee, Kanchan, M-Estimation in GARCH Models in the Absence of Higher-Order Moments, Research Papers in Statistical Inference for Time Series and Related Models: Essays in Honor of Masanobu Taniguchi (pp. 195-219), null Springer Nature, Available at <http://arxiv.org/abs/2001.10782>.
3. Hallin, Marc, Three applications of measure transportation in statistical inference. In Nguyen Ngoc Thach, Vladik Kreinovich, Doan Thanh Ha, and Nguyen Duc Trung, Eds, Optimal Transport Statistics for Economics and Related Topics,' Proceedings of the Sixth Econometric Conference of Vietnam, Springer, pp. 90--106.
4. Hallin, Marc, and Mordant, G., On the finite-sample performance of measure-transportation-based multivariate rank tests, in Mengxi Yi and Klaus Nordhausen (editors): Robust and Multivariate Statistical Methods: Festschrift in Honor of David E. Tyler, Springer, pp. 87-119. Available at <http://arxiv.org/abs/2111.04705>.
5. Barigozzi, M. and Hallin, M., Dynamic Factor Models: a Genealogy, Proceedings of the 7th International Econometric Conference of Vietnam, Springer, to appear. Available at <https://arxiv.org/abs/2310.17278>.
6. Hallin, M. and Konen, D., Multivariate quantiles: geometric and measure-transportation-based contours, Proceedings of the 17th International Conference of the Econometrics Society of Thailand, Springer, to appear. Available at <https://arxiv.org/abs/2401.02499>.
7. Crampes, C.; Estache, Antonio; Efficiency vs. Equity Concerns, in Regulatory Sandboxes, 2023, August
8. Paindaveine, Davy; Verdebout, Thomas, On the asymptotic behavior of the leading eigenvector of Tyler's shape estimator under weak identifiability, Robust multivariate statistical methods: Festschrift in Honor of David E. Tyler (pp. 45-64). Yi, Mengxi, Nordhausen, Klaus, Cham, Switzerland: Springer, 2023

## 38 Publications in international journals

1. Aldashev, Gani; Jaimovich, Esteban; Verdier, Thierry, The Dark Side of Transparency: Mission Variety and Industry Equilibrium in Decentralised Public Good Provision, Economic journal 133(654), 2085-2109, 2023, August 01

2. Aldashev, Gani; Jaimovich, Esteban; Verdier, Thierry, The Dark Side of Transparency: Mission Variety and Industry Equilibrium in Decentralised Public Good Provision, *The Economic Journal* 133 (654), 2085-2109, 3, 2023
3. Aldashev, G., Rantakari, H., Zananone, G., Relationships in the Wild: How Institutions Affect the Governance of Firms, 2023
4. MM Alam, L Bagnoli, Ten-thousand Steps in Her Shoes: The Role of Public Transport in Women's Economic Empowerment—Evidence from Egypt, Jordan, and Lebanon, Washington, DC: World Bank, 2023
5. L Bagnoli, S Bertomeu-Sanchez, A Estache, M Vagliasindi, Does the ownership of utilities matter for social outcomes? A survey of the evidence for developing countries, *Journal of Economic Policy Reform* 26 (1), 24-43, 2023
6. M Becht, JR Franks, H Miyajima, K Suzuki, Does Paying Passive Managers to Engage Improve ESG Performance? RIETI, 2023
7. Blasutto, Fabio, Cohabitation VS. Marriage: Mating Strategies by Education in the USA, *Journal of the European Economic Association*, 2023, November
8. Blasutto, Fabio; de la Croix, David, Catholic Censorship and the Demise of Knowledge Production in Early Modern Italy, *Economic journal* 133(656), 2899-2924, 2023, November
9. Bergheimer, Stefan; Cantillon, Estelle; Reguant, Mar, Price and quantity discovery without commitment, *international journal of industrial organization* 90, 102987, 2023, February 01
10. Capéau, Bart; Decoster, André; Van Houtven, Stijn, Piecemeal Modeling of the Effects of Joint Direct and Indirect Tax Reforms, *Public finance review* 52(1), 111-149, 2023, September 01
11. Castanheira De Moura, Micael; Siotis, Georges; Ornaghi, Carmine, Evolving Market Boundaries and Competition Policy Enforcement in the Pharmaceutical Industry, *European journal of law and economics* 55, 313–1348, 2023, February 09
12. Castanheira De Moura, Micael; Schotter, Andrew; Leutgeb, Johannes; Huck, Steffen, How Trump Triumphed: Multi-Candidate Primaries with Buffoons, *European economic review*, 2023, June 01
13. Cherchye, Laurens; De Rock, Bram; Dierynck, Bart; Kerstens, Pieter Jan; Roodhooft, Filip, A DEA-based approach to customer value analysis, *European journal of operational research* 308(3), 1319-1331, 2023, June 01
14. Bienek, Tobias; Deelstra, Griselda; Lichtenstern, Andreas; Zagst, Rudi, A multi-curve HJM factor model for pricing and risk management, *Quantitative finance* 23(11), 1659-1675, 2023, November 01
15. Deelstra, Griselda; Grzelak, Lech; Wolf, Felix Lukas, Accelerated computations of sensitivities for xVA, *International Journal of Computer Mathematics* 1-23, 2023, April 01
16. Benth, Fred Espen; Deelstra, Griselda; Kozpinar, Sinem, Pricing Energy Quanto Options in the Framework of Markov-Modulated Additive Processes, *IMA journal of management mathematics* 34(1), 187-220, 2023
17. Hallin, M., Nisol, G., and Tavakoli, S., Factor models for high-dimensional functional time series I: Representation results. *Journal of Time Series Analysis* 44, 578-600.
18. Tavakoli, S., Nisol, G., and Hallin, M., Factor models for high-dimensional functional time series II: Estimation and forecasting. *Journal of Time Series Analysis* 44, 601-621.
19. Hallin, M., Manfred Deistler and the General-Dynamic-Factor-Model approach to the analysis of high-dimensional time series. *Econometrics* 10, special issue on High-

- Dimensional Time Series in Macroeconomics and Finance in honor of Manfred Deistler. available at <https://www.mdpi.com/2225-1146/10/4/37/pdf>.
20. Hallin, M. and Liu, H., Center-outward rank- and sign-based VARMA portman-teau tests: Chitturi, Hosking, and Li--McLeod revisited, *Econometrics and Statistics*, special issue in honor of Elvezio Ronchetti and Peter Rousseeuw, available at <http://arxiv.org/abs/2208.12143>.
  21. Hallin, M., van den Akker, R., and Werker, B., On bounded completeness and the  $\mathcal{L}_1$ -denseness of likelihood ratios. *The Indian Journal of Statistics*. available at <https://doi.org/10.48550/arXiv:2211.10822>.
  22. Hallin, M., La Vecchia, D., and Liu, H., Rank-based testing for semiparametric VAR models: A measure transportation approach. *Bernoulli* 29, 229-273.
  23. Hallin, M. and Trucios, C., Forecasting Value-at-Risk and Expected Shortfall in large portfolios: a General Dynamic Factor Model approach. *Econometrics and Statistics* 27, 1-15.
  24. Barigozzi, M., Hallin, M., Luciani, M., and Zaffaroni, P., Inferential theory for Generalized Dynamic Factor Models. *Journal of Econometrics* 239,
  25. Deelstra, Griselda; Hieber, Peter, Randomization and the valuation of guaranteed minimum death benefits, *European journal of operational research* 309(3), 1218-1236.
  26. Demuynck, Thomas; Rehbeck, John, Computing Revealed Preference Goodness of fit Measures with Integer Programming, *Economic theory*, 2023, June 01
  27. Natali, Ilaria; Dewatripont, Mathias; Ginsburgh, Victor; Goldman, Michel; Legros, Patrick, Prescription opioids and economic hardship in France, *The European Journal of Health Economics* 24(9), 1473-1504, 2023, December
  28. Natalia, Yessika Adelwin; Delporte, Margaux; De Witte, Dries; Beutels, Philippe; Dewatripont, Mathias; Molenberghs, Geert; Assessing the impact of COVID-19 passes and mandates on disease transmission, vaccination intention, and uptake: a scoping review, *BMC public health* 23(1), 2279, 2023, December
  29. Canidio, Andréa; Legros, Patrick; Task Discretion, Labor-market Frictions, and Entrepreneurship, *Journal of law, economics, & organization* 39(2), 420-455, 2023, July
  30. Carballo, Jerónimo; Marra De Artinano, Ignacio; Volpe Martincus, Christian; Information Frictions, Investment Promotion, and Multinational Production: Firm-Level Evidence, 2023, January
  31. Klein, André; Melard, Guy; An Algorithm for the Fisher Information Matrix of a VARMAX Process, *Algorithms* 16(8), 364, 2023, August
  32. Paindaveine, Davy; Spindel, Philippe; Revisiting the name variant of the two-children problem, *The American statistician*, 2023, June 01
  33. Durre, Alexander; Paindaveine, Davy; On the consistency of incomplete U-statistics under infinite second-order moments, *Statistics & probability letters* 193, 109714, 2023, May 01
  34. Durre, Alexander; Paindaveine, Davy, On the distribution-freeness of a test of angular symmetry based on halfspace depth, *Econometrics and Statistics*, 2023, July 01
  35. Mavroidis, Petros Constantinos; Sapir, André, China in the WTO Twenty Years On: How to Mend a Broken Relationship? *German Law Journal* 24(1), 227-242, 2023, February
  36. García-Portugués, Eduardo; Lafaye De Micheaux, Pierre; Meintanis, Simos; Verdebout, Thomas, Nonparametric tests of independence for circular data based on trigonometric moments, *Statistica sinica*, 2023, January 01

37. A. Pichler, C. Diem, A. Brintrup, F. Lafond, G. Buiten, T. Choi, Glenn Magerman, V. Carvalho, D. Farmer and S. Thurner, "Building an Alliance to Map Supply Networks". Science (2023)
38. J. Konings, Glenn Magerman and D. Van Esbroeck, "The Impact of Firm-level Covid Rescue Policies on Productivity Growth and Reallocation European Economic Review (2023)

## 6 Policy papers and reports

1. Impactanalyse Relance Programma "Vlaamse Veerkracht" op de Vlaamse, Belgische en internationale economie (2023), commissioned by the Flemish Government, Steunpunt Economie en Ondernemen (STORE). Joep Konings and Glenn Magerman
2. Jonas Vanderkelen, André Decoster, Bart Capéau, Toon Vanheukelom, Ella-Marie Assal, Koen Decancq, Gerlinde Verbist, Sarah Kuypers, Inkomensongelijkheid in België: wat we weten en niet weten, Belgisch Tijdschrift voor Sociale Zekerheid, 133-171, 2023
3. Implementation of the Digital Credentials Program of Ontario Canada (2023) commissioned by Infrastructure Ontario. Theory+Practice, Glenn Magerman.
4. Impactevaluatie VLAIO coronamaatregelen 2021 (2023) commissioned by VLAIO and the Flemish Government. Joep Konings, Glenn Magerman and Dieter Van Esbroeck.
5. Cantillon, Estelle; Pieraerts Garcia De La Cuadra, Leticia, La transition énergétique en Belgique: Etats des lieux, Réussir la transition vers une économie zéro carbone. Cantillon, Estelle, Brunet, Sébastien, Eyckmans, Johan, Gautier, Axel, Muûls, Mirabelle, Venmans, Frank, 25ème Congrès des Economistes Belges (Charleroi), null Editions de l'Université Ouverte.
6. Cantillon, Estelle, Bertrand Collignon, Gregoire Denis and Guillaume Thys (2023), Mobilizing private sector data for climate action, Solvay Public Policy House report for the Paris21 Foundation (OECD), April 2023

## 38 Working papers

- **ECARES Working papers**

1. 2023-01 Is Private Equity Good for Health? Regulation and Competition Policy Lessons from a Survey of the Evidence by Antonio Estache & Ardit Litaj
2. 2023-02 Information Frictions, Investment Promotion, and Multinational Production: Firm-Level Evidence by Jerónimo Carballo & Ignacio Marra De Artinano & Christian Volpe Martincus
3. 2023-03 Semiparametrically Efficient Tests of Multivariate Independence Using Center-Outward Quadrant, Spearman, and Kendall Statistics by Hongjian Shi & Mathias Drton & Marc Hallin & Fang Han
4. 2023-04 Nonparametric Models in Consumer Behaviour by Laurens Cherchye & Bram De Rock & Frederic Vermeulen
5. 2023-05 Poor and Wealthy Hand-to-mouth Households in Belgium by Laurens Cherchye & Thomas Demuynck & Bram De Rock & Mariia Kovaleva & Geoffrey Minne & Maite De Sola Perea & Frederic Vermeulen

6. 2023-06 Housing, Neighborhoods and Inequality by Guillaume G.C. Chapelle & Gerard Domènech-Arumí & Paula Eugenia Gobbi
7. 2023-07 On Bounded Completeness and The L1-Denseness of Likelihood Ratios by Marc Hallin & Bas Werker & Bo Zhou
8. 2023-08 Bringing Them In or Pushing Them Out? The Labor Market Effects of Pro-cyclical Unemployment Assistance Changes by Gerard Domènech-Arumí & Silvia Vannutelli
9. 2023-09 Le Monde sans Fin de Jancovici et Blain - Décodage d'une BD by Michel Allé
10. 2023-10 Monotone Measure-Preserving Maps in Hilbert Spaces: Existence, Uniqueness, and Stability by Alberto González-Sanz & Marc Hallin & Bodhisattva Sen
11. 2023-11 Neighborhoods, Perceived Immigration, and Preferences for Redistribution: Evidence from Barcelona by Gerard Domènech-Arumí
12. 2023-12 Efficiency vs. Equity Concerns in Regulatory Sandboxes by C. Crampes & Antonio Estache
13. 2023-13 Potentials in Social Environments by Thomas Demuyne & Jean-Jacques Herings & Christian Seel
14. 2023-14 Multivariate Quantiles: Geometric and Measure-Transportation-Based Contours by Marc Hallin & Dimitri Konen
15. 2023-15 Dynamic Factor Models: a Genealogy by Matteo Barigozzi & Marc Hallin
16. 2023-16 The Unintended Consequences of Trade Protection on the Environment by Taipeng LI & Lorenzo Trimarchi & Rui XIE & Guohao YANG
17. 2023-17 Walk the Talk: Measuring Green Preferences with Social Media Data by Bram De Rock & Florine Le Henaff
18. 2023-18 A Spouse and a House are all we need? Housing Demand, Labor Supply and Divorce over the Lifecycle by Bram De Rock & Mariia Kovaleva & Tom Potoms
19. 2023-19 Welfare Effects of Indirect Tax Policies in West Africa by Bart Capéau & Alain Babatoundé & Romain Houssa
20. 2023-20 Revolutionary Transition: Inheritance Change and Fertility Decline by Victor Gay & Paula Eugenia Gobbi & Marc Goñi
21. 2023-21 The Atlas of Local Jurisdictions of Ancien Régime France by Victor Gay & Paula Eugenia Gobbi & Marc Goñi
22. 2023-22 The Customary Atlas of Ancien Régime France by Victor Gay & Paula Eugenia Gobbi & Marc Goñi
23. 2023-23 The Morality of Markets by Mathias Dewatripont & Jean Tirole

- **Other working papers**

1. Akharif, A., M. Fihri, M. Hallin and A. Mellouk, "Optimal pseudo-Gaussian and rank-based random coefficient detection in multiple regression."
2. Babic, S., L. Gelbgras, M. Hallin and C. Ley, "Optimal tests for elliptical symmetry: specified and unspecified location."
3. Barigozzi, M., M. Hallin, R. von Sachs and S. Soccorsi, "Time-varying General Dynamic Factor Models and the measurement of financial connectedness."
4. Capolongo, A. and C. Pacella, "Forecasting inflation in the euro area: countries matter!", Bank of Italy Temi di Discussione No 1224, 2019
5. del Barrio, E., A. Gonzalez-Sanz and M. Hallin, "A note on the regularity of center-outward distribution and quantile functions."
6. del Barrio, E., J. Beirlant, S. Buitendag and M. Hallin, "Center-outward quantiles and the measurement of multivariate risk."

7. Fihri, M., A. Akharif, A. Mellouk and M. Hallin, "Efficient detection of random regression coefficients."
8. Hallin, M., D. La Vecchia and H. Liu, "Center-outward R-estimation for semiparametric VARMA models."
9. Hallin, M., E. del Barrio, J. Cuesta-Albertos and C. Matran, "On distribution and quantile functions, ranks, and signs in  $R^d$ : a measure transportation approach."
10. Natali, I., M. Dewatripont, V. Ginsburgh, M. Goldman and P. Legros, "Prescription Opioids and Economic Hardship in France", CEPR Discussion Paper, 2020
11. Nisol, G., S. Tavakoli and M. Hallin, "High-dimensional functional factor models."
12. Santos, A., M. Cincera and G. Cerulli, "Assessing Financing, Innovation and Growth Linkage: New Evidence for Policy", EMW Working Paper n.° 7.
13. Santos, A., M. Cincera, P. Neto and M.M. Serrano, "How Internationalization and Competitiveness contribute to get public support to innovation? The Portuguese Cases", GEE Papers 121.
14. Trucios, C., J.H.G. Mazzeu, M. Hallin, L.K. Hotta and P.L. Valls Pereira, "On the robustness of the general dynamic factor model with infinite-dimensional space: identification, estimation and forecasting."
15. Trucios, C., J.H.G. Mazzeu, M. Zevallos, M. Hallin, L.K. Hotta and P.L. Valls Pereira, "Forecasting conditional covariance matrices in high-dimensional time series with application to dynamic portfolio optimization: a General Dynamic Factor approach."

[Back to the top](#)

# Seminars and conferences

## 79 Seminars...

...in economics

[Antoine Ferey](#), LMUM

[Thomas Verdebout](#), ULB

[Philip Ushchev](#), ECARES

[Martin Mugnier](#), CREST/ENSAE/PIPP

[Simon Galle](#), BI Norwegian Business School

[Sebastien Lafitte](#), ECARES

[Germain Van Bever](#), UNamur

[Eleanor Wiseman](#), UC Berkeley

[Christian Aleman Peron](#), NYU/AbuDhabi

[Florian Schneider](#), UZH

[Madina Kurmangaliyeva](#), ECARES

[Fabio Blasutto](#), SASSE

[Jacques Bughin](#)

[Timo Ehrig](#), CBS

[Maria Roskowszka-Menkes](#), SGH Warsaw School of Economics

Sebastian Fleitas, KU Leuven  
Marcos Ferasso, UALisbon  
Garance Genicot, Georgetown  
Laurens de Vries, TU Delft  
Ruben Durante, UPF  
Judit Vall, Universitat de Barcelona  
Domenico Giannone, Amazon.com  
Kiminori Matsuyama, Northwestern University  
Denni Tommasi, Bologna  
Alexander Sebald, Copenhagen Business School  
Bettina Klaus, HEC Lausanne  
Thomas Gauthier, Kiel Institute for the World Economy  
Alessandro Gavazza, LSE  
Eleonora Patacchini, LUCA  
Fabrizio Leone, Université Libre de Bruxelles  
Thibault Fally, Berkeley  
Roger Lagunoff, Georgetown  
Devesh Raval, FTC  
Philipp Ager, Mannheim  
Charlotte Bartels, DIW  
Lore Vandewalle, Graduate Institute  
Mathieu Leduc, PSE  
Anna Bogomolnaia, University of Glasgow  
Tommaso Valletti, Imperial College Business School  
Luke Heath Milsom, IFS  
Eric Stark Maskin, Harvard

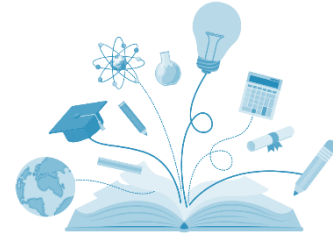
## ... in econometrics and statistics

Emilio Zanetti Chini, University of Bergamo  
Rachida Ouyse, UNSW Australia  
François Kamper, EPF Lausanne  
Riccardo Passeggeri, Imperial College  
Maria Alonso  
Yi Yu, Warwick University  
Abdelaati Daouia, TSE  
Alberto Gonzales-Sanz, Institut de Mathématiques de Toulouse  
Masanobu Taniguchi, Waseda University

## ...internal

Mattia Nardotto  
Claudio Costanzo

Umutcan Salman  
Tommaso D'Amelio  
Morgane Rigaux  
Bart Capeau  
Ignacio Marra  
Federico Gallina  
Sebastien Fontenay  
Elisa Navarra  
Fabrizio Leone  
Chloe Nibourel, LSE  
Clément Staner  
Bjorn Brey  
Stefan Hinkelmann, Stockholm University  
Umutcan Salman  
Marco D'Amico  
Etienne Le Rossignol, Université de Namur  
Alvaro Delgado Vega, UC3M  
Evelina Linnros, SU



... joint with NBB

**Joint seminar series with NBB, KULeuven, UA, UCL, UGent, ULg, UMONS, UNamur, USaint-Louis, Vlerick, and VUB**

Antonio Moreno, University of Navarra  
Domenico Giannone, Amazon.com  
Misato Sato, London School of Economics and Political Science  
Marieke Knoef, Tilburg University  
Stijn Van Nieuwerburgh, Columbia University  
Dmitry Mukhin, London School of Economics  
Günter Coenen, European Central Bank  
Simone Lenzu, New York University, Stern School of Business  
Ross Levine, Berkeley Haas



## 9 Conferences and workshops at ECARES

1. 22th doctoral meetings in international trade and international finance, March 2023
2. Workshop: New data for research on tax avoidance, April 2023
3. UCB-SBS-EM Business & Society Symposium, June 2023
4. Conference: ECARES @30 - Where Research Meets Society, June 2023
5. Journée des Statistiques (JDS) 2023, July 2023
6. Workshop: Brussels Replication Games, October 2023
7. 19th Annual HICN workshop, November 2023
8. Conference: How to Move from Inequality to Shared Prosperity? December 2023
9. PhD Workshop, December 2023



# Other networking activities

## 4 Long-term visitors at ECARES

Guilhem Cassan (UNamur)

Gérard Roland (UC Berkeley)

Syed Hassan Nosratabadi (UCLouvain)

Yuichi Goto (Waseda University)

## 54 Research visits abroad by ECARES fellows

20 Presentations at international conferences

22 Presentations at universities abroad

12 Research visits abroad

# Prizes and notoriety

1. Christine DE MOL: Membre titulaire de l'Académie royale de Belgique (Classe des Sciences)
2. Marc HALLIN: Prix "Mejor contribucion metodologica en el campo de la Estadistica" de la Société espagnole de Statistique
3. Dimitri KONEN: Antonella Karlson Prize awarded for Dimitri's outstanding PhD thesis in the field of Mathematical Statistics.
4. Baptiste Souillard: McKinsey & Company Scientific Prize awarded for Baptiste's outstanding PhD thesis: "Essays on international trade and corporate tax optimization."
5. Julia Jadin: Sustainability Champion Award for Julia's exceptional work related to sustainability in academic research and training programs.

# Doctoral school

## PhDs awarded

**Anousheh ALAMIR:** "The Socioeconomic Effects of Conflicts and Disasters"

- Thesis Defense: June, 2023
- Supervisor : Paula Gobbi
- Placement : Economic and Social Research Institute (ESRI)

**Esteban CALLEJAS:** "Essays in Housing, Credit, Remittances and Taxes : How Remittances Affect Credit Demand and Housing in Colombia and How Property Transfer Taxes Influence Belgian Housing"

- Thesis Defense: August, 2023
- Supervisor : Gani Aldashev
- Placement : Université libre de Bruxelles

**Marco D'AMICO:** "Essays in Macroeconomics"

- Defense Date : March, 2023
- Supervisor : Robert Kollmann



[Back to the top](#)