

Sebastian BERVOETS

Section 40 - Collège A1

Aix-Marseille School of Economics

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Born July 25, 1975 in Brussels - Belgium

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✓ Professional appointments:

- October 2023 - today: Senior Researcher at **CNRS** (DR2)
- September 2013 - October 2013 : 1st class Research Fellow at **CNRS**
- September 2008 - September 2013 : 2nd class Research Fellow at **CNRS**
- January 2006 - September 2008 : Research Assistant at **Universidad Autónoma de Barcelona** - Center for the study of the Organizations and Decisions in Economics (CODE).
- October 1998 - September 2001 : Engineer at the **Société Nationale des Chemins de Fer** (SNCF)

✓ Education :

- 2019 : Habilitation à diriger des recherches (Jury: Nizar Allouch, Francis Bloch, Agnieszka Rusinowska, Vincent Merlin, Alain Venditti, Yves Zenou).

- 2002-2005 : Phd in Economics - Université de la Méditerranée - Greqam - "*Freedom of Choice and Democracy*" under supervision of Nicolas GRAVEL.
- 1995-1998 : Engineer in Mathematics and Modeling - at INSA (National Institute for Applied Sciences) - Toulouse.

✓ **Honors :**

- 2014 Young Researchers' Program Award from the National Research Agency
- Scientific Excellence Award - CNRS 2010
- Juan de la Cierva Grant - 2008
- Best Thesis Award from the Université de la Méditerranée - 2006

✓ **Publications :**

- **Learning with Minimal Information in Continuous Games**, with M. Bravo and M. Faure, *Theoretical Economics*, Volume 15, Issue 4, pp 1471-1508, 2020
- **Convergence in Games with Continua of Equilibria**, with M. Faure, *Journal of Mathematical Economics*, Volume 90, pp 25-30, 2020
- **Stability in Games with Continua of Equilibria**, with M. Faure - *Journal of Economic Theory*, Vol. 179, pp 131-162, 2019
- **The Role of Social Networks and Peer Effects in Education Transmission**, with Y. Zenou - *European Economic Review*, Vol.92, pp 13-30, 2017
- **Efficient Networks in Games with Local Complementarities**, with M. Belhaj and F. Deroïan - *Theoretical Economics*, Vol. 11, pp 357-380, 2016
- **On Avoiding Vote Swapping**, with V. Merlin - *Social Choice and Welfare*, Vol. 46, n.3, pp 495-509, 2016
- **Vote trading and subset sums**, with V. Merlin and G.J. Woeginger - *Operations Research Letters*, Vol. 43, n.1, pp 99-102, 2015
- **Production Efforts in Large Indian Cities**, with F. Deroïan - *Journal of Interdisciplinary Economics*, Vol. 25, pp 117-145, 2013
- **Gerrymander-Proof Representative Democracies**, with V. Merlin - *International Journal of Game Theory*, Vol. 41, n.3, pp 473-488, 2012

- **An Axiomatic Approach to Predictability of Outcomes in an Interactive Setting**, *Theory and Decision*, Vol.68, n.3, pp 311-323, 2010
- **Freedom of Choice in a Social Context: Comparing Game Forms** - *Social Choice and Welfare*, Vol. 29, n.2, pp 295-315, 2007
- **Appraising Diversity with an Ordinal Conception of Similarity: an Axiomatic Approach**, with N. Gravel - *Mathematical Social Sciences*, Vol. 53, n.3, pp 259-273, 2007
- **De la manipulation des elections indirectes** with V. Merlin - *Revue Economique*, Vol. 58, n.3, pp 767-777, 2007

✓ **Working papers and work in progress :**

- **Local Public Goods: Some Comparative Static Results**, with K. Maki-hara, conditionally accepted at *Journal of Economic Theory*
- **Kantian Players, Social Networks and Public Goods**, with K. Maki-hara
- **Long-Run Disagreement Before Consensus: an Application of Quasi-Stationary Distributions**, with M. Faure
- **Imperfectly Discriminatory All-Pay Auctions**, with M. Faure
- **Cheating in Contests**, with B. Decreuse and M. Faure

✓ **Editorial activity :**

Referee for *Econometrica*, *Journal of Economic Theory*, *Games and Economic Behavior*, *Social Choice and Welfare*, *Journal of Public Economic Theory*, *Journal of Economic Behavior and Organization*, *Mathematical Social Sciences*, *Theory and Decision*, *Annales d'Economie et de Statistiques*, *Economie Publique*, *Revue d'Economie Politique*.

✓ **Teaching:**

- Research questions (Master 2)
- Game Theory (Master 1)
- Social and Economic Networks (Master 2 and Phd)
- How to present a paper (Phd)

- Advanced Mathematics (Licence 3)
- Introduction to Social Networks (Licence 3)
- Mathematics for economists (in Spanish) at the Universidad Autònoma de Barcelona

✓ **Students' supervision :**

Sam Jackson (2022 - PhD student); Kohmei Makihara (2021 - PhD student); Elie Godwin Aidaisso (2022 - research assistant); Zoulfath Alao-Chanou (2020 - Master 1 internship); Kpessou Kounoudji (2020 - Master 1 internship); Audrey Differnand (2019 - Masters' 2 dissertation); Yannick Cabrera (2015 - Masters' 2 dissertation); Abhishek Gupta from IIT Kharagpur (2012 - 2 months internship in Master 1); Damien Sans (2011 - 2 months internship in Licence 3)

✓ **Other activities :**

- Head of AMSE's PhD program with N. Berman (2019 - 2022)
- Member of the Ecole Doctorale of Aix-Marseille University (2018 -)
- Co-organiser of the "Coalition Theory Network Workshop" - Marseille (2019)
- Elected member of AMSE's Direction Committee (2015 - 2018)
- Elected member of the Greqam and AMSE Council (2008 - 2018)
- Member of AMSE's Recruiting Committee (2015 - 2018)
- Local Coordinator for the European Network EDGE (2012 - 2018)
- Local Coordinator for the International Network CTN (2010 - 2015)
- Greqam's General Seminar Organizer (2009 - 2011)
- Organiser of the 15th edition of the "Coalition Theory Network Workshop" - Marseille (2010)