

# Olivier Bos

## Research Interests

Market Design, Mechanism Design, Auction Theory, Political Economy.

## Contact

Ecole Normale Supérieure Paris-Saclay  
Centre for Economics at Paris-Saclay (CEPS)  
4 avenue des Sciences, 91190 Gif-sur-Yvette, France  
E-mail: [olivier.bos@ens-paris-saclay.fr](mailto:olivier.bos@ens-paris-saclay.fr)  
<https://olivier-bos.com/>

## Positions

- Since 2021 Professor of Economics, Ecole Normale Supérieure (ENS) Paris-Saclay.
- Since 2022 Founding Co-director (with Grégory Verdugo), Centre for Economics at Paris-Saclay (CEPS), <https://ceps-paris-saclay.fr/>
- Since 2022 Associate Dean, Department of Social Sciences (DER SHS), ENS Paris-Saclay.
- Since 2016 Junior Member (2016 – 2021), Honorary Member since 2021, Institut Universitaire de France.

## Past Positions

- 2017 – 2022 Member, Market Design Group, ZEW, Mannheim.
- 2010 – 2021 *Maître de conférences* (tenured Assistant Professor), Panthéon-Assas University.
- 2009 – 2010 Post-Doctoral Research Fellow, University of Cologne.

**Fellowships** of CESifo network (since 2018), CEPS (since 2021), LEMMA, Panthéon-Assas University (since 2010).

**Visiting Positions** held at CESifo, Ludwig Maximilians University (Munich); ESMT (Berlin); Technical University of Berlin ; University of Bonn; University of Cologne; University of Cyprus.

## Education

- 2016 *Habilitation à diriger des recherches* (Post-PhD degree in France, providing PhD students supervisions), Panthéon-Assas University.
- 2005 – 2009 Ph.D. in Economics, Graduate Program APE, Paris School of Economics.
- 2008 – 2009 Visiting Ph.D. Student at CORE, Université Catholique de Louvain.
- 2007 – 2008 Visiting Ph.D. Student at the University of Bonn.
- 2004 – 2005 Master in Economics, Graduate Program APE, Paris School of Economics.
- 2002 – 2005 Graduate Diploma in Economics and Statistics, ENSAE (Paris).
- 1998 – 2002 *Maîtrise d'Econométrie* (4 years degree in economics), CY Cergy Paris University.

## Working Papers

“Auctions with Signaling Bidders: Optimal Design and Information Disclosure,” with Martin Pollrich (University of Bonn).

“Existence of Equilibrium in All-Pay Auctions with Price Externalities”, R&R at *Social Choice and Welfare*.

## Publications

[13] “Entry in First-price Auctions with Signaling”, with Tom Truyts (University Saint-Louis – Brussels), *International Journal of Game Theory*, 2023, vol. 52, pp. 423-450.

[12] “Signalling in Auctions for Risk-Averse Bidders,” with Francisco Gomez-Martinez (University of Fribourg) and Sander Onderstal (University of Amsterdam), *PLOS One*, 2022, vol. 17(10).

[11] “Signalling in Auctions: Experimental Evidence”, with Francisco Gomez-Martinez (BI Norwegian Business School), Sander Onderstal (University of Amsterdam) and Tom Truyts (University Saint-Louis – Brussels), *Journal of Economic Behavior & Organization*, 2021, vol. 187, pp. 448-469.

[10] “Auctions with Signaling Concerns”, with Tom Truyts (University Saint-Louis – Brussels), *Journal of Economics & Management Strategy*, 2021, vol. 30, pp. 420-448.

[9] “Charitable Asymmetric Bidders”, *Journal of Public Economic Theory*, 2020, vol. 22, pp. 320-337.

[8] “Risk and Unraveling Matching for Labor Markets”, with Martin Ranger (University of Bonn), *Annals of Economics and Statistics*, 2018, vol. 129, pp. 127-144.

[7] “Agreeing on Efficient Emissions Reduction”, with Béatrice Roussillon (Grenoble Alpes University) and Paul Schweinzer (University of Klagenfurt), *Scandinavian Journal of Economics*, 2016, vol. 118, pp. 785-815.

[6] “Charity Auctions for the Happy Few”, *Mathematical Social Sciences*, 2016, vol. 79, pp. 83-92.

[5] “All-Pay Auctions with Polynomial Rewards”, with Martin Ranger (University of Bonn), *Annals of Economics and Statistics*, 2014, vol. 114-115, pp. 361-377.

[4] “Wars of Attrition and All-Pay Auctions with Stochastic Competition”, *Journal of Mathematical Economics*, 2012, vol. 48, pp. 83-91.

[3] “How Lotteries Outperform Auctions”, *Economics Letters*, 2011, vol. 110, pp. 262-264.

### Publications in French

[2] “Effets de réputation dans les enchères : l’inégalité des perdants”, with Tom Truyts (University Saint-Louis – Brussels), *Revue Economique*, 2021, vol. 73, pp. 443-458.

[1] “L’enchère à offres payantes, un mécanisme aux applications diverses”, *Revue Economique*, 2011, vol. 62, pp. 5-28.

## Non-Academic Publications (in French)

“« Pertes et préjudices » : perspectives et opportunités d’une transition énergétique”, *AOC*, novembre 2023.

“De nouveaux jours heureux ?”, *Esprit*, n°457, juin 2021, pp. 14-17.

## Op-ed articles

*Loi pour la recherche : pratique malheureuse du “en même temps”*, Les Échos, 30/01/2023.

*L’opportunité climatique d’une croissance retrouvée*, L’Obs, 01/07/2021.

*Droits TV du football français : un coûteux hors-jeu*, with Vitali Gretschko (ZEW), Les Échos, 23/01/2021.

*Pourquoi le masque doit devenir gratuit pour tous*, avec Nicolas Frémeaux (Université Panthéon-Assas) et Paul Maarek (Université Panthéon-Assas), L’Obs, 22/10/2020.

*Dans une société qui utilise les enchères au quotidien, l’originalité des travaux de Paul Milgrom et Robert Wilson nous est précieuse*, avec Vitali Gretschko (ZEW), Le Monde, 19/10/2020.

*Enchères 5G : une déception sans surprise*, avec Vitali Gretschko (ZEW), Les Échos, 06/10/2020.

*Penser accueillir l’ensemble des étudiants sans drame sanitaire relève de l’irresponsabilité*, avec Nicolas Frémeaux (Université Panthéon-Assas) et Paul Maarek (Université Panthéon-Assas), Le Monde, 28/09/2020.

*Méthode d’attribution des fréquences 5G : des choix discutables*, with Vitali Gretschko, Les Echos, 02/10/2019.

*Le marché de l’art : l’effervescence des effets de réputation*, with Tom Truyts, La Recherche, 17/09/2019.

*La double Licence : l’autre aventure universitaire*, The Conversation, 20/04/2016.

« [...] voler légalement les riches »?, Marianne.net, 10/04/2012.

*La hausse des droits d’inscription à l’université : un choix de société*, La Tribune, 02/01/2012.

## Selected Presentations

**Departmental:** CES – University Paris 1 (2010, 2019), CIRED (Paris, 2016), Catholic University of Lille (2009), Ecole Polytechnique (2011), ENSAI (Rennes, 2018), Gate – University of Lyon (2018), IZA (Bonn, 2009), Humboldt University Berlin (2009), Maastricht University (2009), Max Planck Institute (Bonn, 2010), Panthéon-Assas University (2010), Paris Nanterre University (2010), Toulouse School of Economics (2010), University of Amsterdam (2009), University of Caen (2012), University of Cologne (2009), University of Cyprus (2023), University of Duisburg (2024), University of Franche-Comté (2018), University of Leuven (2011), University of Lorraine (2022), University of Orléans (2018), University of Paris-Sud (2017), University of Pau and Pays de l’Adour (2020), University of St. Gall (2017), Warsaw School of Economics (2011, 2017), WZB (Berlin, 2009), ZEW (Mannheim, 2019).

**Conferences:** Asian Meeting of the Econometric Society 2011; Association of Southern European Economic Theorists 2023; CESifo Venice Workshop 2008; ECORE Summer School 2007, 2009; Conference on Mechanism and Institution Design 2020; European Association for Research in Industrial Economics 2018; European Economic Association Meetings 2008, 2010; European Meeting on Game Theory 2023; European Workshop on Economic Theory, 2022, 2023; INFORMS Annual Meeting 2019; International Conference on Game Theory and Management 2020; World Congress of the Game Theory Society 20-

08, 2021; Hurwicz Workshop on Mechanism Design Theory 2018; Latin American Meeting of the Econometric Society 2008; Oligo Workshop 2023; Public Economic Theory Conference 2010; Royal Economic Society Meetings 2010; Society for the Advancement of Economic Theory Meetings 2007, 2009; Society of Economic Design Conference 2009; Spring Meeting of Young Economist 2007; Symposium of Economic Analysis 2008; UECE Lisbon Meetings in Game Theory 2012.

## Organization of Workshops & Conferences

- Since 2020 Co-organizer of the “Virtual Market Design Seminar Series”, a bi-weekly online international seminar on market design, <http://virtual-md-seminar.com>, <https://bsky.app/profile/vmdseminar.bsky.social> and <https://twitter.com/VMDSeminar>.
- Since October 2020, the seminars are video recorded and available on our Youtube account: <https://www.youtube.com/channel/UCwmz3Z8veQWXY3LTepKMFsA/videos>.
- Since 2019 Co-organizer of the yearly “European Workshop on Market Design”, <http://marketdesign-workshop.com>.
- Since 2022 Co-organizer of Economics PhD Meeting, Paris-Saclay University, <https://econphd-paris-saclay.fr/>.
- Since 2022 Co-organizer of the CEPS PhD Workshop, ENS Paris-Saclay & University of Evry-Val d’Essonne.
- 2024 Main organizer (with Grégory Verdugo) of the “2024 ADRES Job Market Conference”, <https://adres2024.sciencesconf.org/>.
- 2023 Local co-organizer of the interdisciplinary workshop *Paris Workshop on Games, Decisions, and Language*, <https://game-theory.u-paris2.fr>.
- 2019, 2021 Co-organizer of the SIGNAL workshops (Paris), <https://signaling.u-paris2.fr>.
- 2019 Organizer of the session “Signaling in Auctions”, INFORMS Annual Meeting, Seattle.
- 2011 Co-organizer of the Paris-Cologne Workshop “Recent Developments in Market Design”.

## Professional Services

- Since 2022 Academic Editor: PLOS One.
- 2021 – 2022 Head of the ‘Master Economics’, ENS Paris-Saclay and Paris-Saclay University.
- Since 2022 Council member of the ‘Master Economics’, ENS Paris-Saclay and Paris-Saclay University.
- Since 2022 Head of the faculty recruiting committee in economics, ENS Paris-Saclay.

2022 – 2023	Council member of the ‘LDD (Double Bachelor) Economics & Mathematics’, Paris-Saclay University.
2022 – 2024	Organization committee member the <i>conférences du diplôme</i> , ENS Paris-Saclay.
Since 2022	Organizer of the <i>conférences du département SHS</i> , Department of Social Sciences, ENS Paris-Saclay.
2024	Member of the recruiting committee for assistant professor in economics, University of Grenoble.
2023	Member of the recruiting committee for professor in economics, University Paris 2 Panthéon-Assas; AGPR in management, ENS Paris-Saclay.
2022	In charge of exchange programs in economics, ENS Paris-Saclay.
Since 2021	Council member of the Graduate School Economics & Management, Paris-Saclay University.
2018 – 2021	Member of the board, Institut Universitaire de France.
2012 – 2016	Head of the double bachelor (Licence) in Economics and Sciences at Panthéon-Assas University and University Pierre and Marie Curie.
2010	Microeconomic Seminar Organizer, Department of Economics, University of Cologne.

## Refereeing

**Journals:** *Computational Economics, Economics Bulletin, Economics Letters, European Economics Review, Games, Games and Economic Behavior, International Journal of Industrial Organization, International Journal of Game Theory, Journal of Mathematical Economics, Journal of Economics & Management Strategy, Journal of Economic Theory, Journal of Industrial Economics, Journal of Public Economics, Journal of Public Economic Theory, Louvain Economic Review, Mathematics of Operations Research, Management Science, Mathematical Social Sciences, Production and Operations Management, RAND Journal of Economics, Review of Economic Design, Revue Economique, Revue Française d’Economie, Social Choice and Welfare, Southern Economic Journal, The B.E. Journal of Theoretical Economics, Theory and Decision.*

**Third Party Fundings:** *Chilean National Science and Technology Commission (CONICYT - Chile), Conseil de recherches en sciences humaines du Canada (CRSH).*

**Other:** *Spring Meeting of Young Economist.*

## Research Grants

2020 – 2025	ANR (French National Research Agency) Grant, “Signaling in Auctions and Mechanisms: Theory and Experimental Evidence”, <a href="https://anr-signal.u-paris2.fr">https://anr-signal.u-paris2.fr</a> , €112 300.
2020	DAAD Grant (German Academic Exchange Service) for the project “Optimal Auctions with Signaling”, €2 500.
2018 – 2022	Member of the ANR Grant, “Information Design in Experimentation and Competitive Bidding”, PI: Chantal Marlats., €114 500.

- 2013 – 2016 ANR Grant, “Dynamic Behavior and Contribution to Public Goods”, €70 000.
- 02/2016 Grant from the C-SEB, University of Cologne, €2 500.
- 2009 Grant from the European Science Foundation within the activity ‘Public Goods, Public Projects, Externalities’ for projects on “Charitable Mechanisms”, €5 700.
- Internal Grants: BQR from Panthéon-Assas University (2011, €10 000; 2019, €8 800; 2020, €5 000), Labex MME-DII (2018, €10 000; 2019, €5 000; 2019, €2 000; 2020, €5 000), Graduate School Eco. & Management, Paris-Saclay University (2021, €13 500; 2022, €2 700; 2023, €6 600; 2023, €16 500; 2024, €6 400), MSH Paris-Saclay (2023, €3 000).

## Awards

- 2016 – 2021 Junior Member, Institut Universitaire de France (€75 000 of research funds).
- 2015 – 2021 Scientific excellence research premium (French acronym: PEDR), Panthéon-Assas University.
- 2008 – 2009 Marie Curie Fellowship from the European Commission.
- 2005 – 2008 Doctoral Fellowship from the French Ministry of Higher Education and Research.