

# STEPHEN HANSEN

January 2019

## DATE OF BIRTH

14 October 1981

## PLACE OF BIRTH

Austin, Texas, USA

## PERSONAL

Married (Selina, 2009), One Child (Leo, 2015)

## MAIN ACADEMIC EMPLOYMENT

- |                |  |
|----------------|--|
| 2016 – present | Associate Professor<br>Schroder Family Fellow (University College)<br>University of Oxford, Oxford, UK |
| 2015 – 2016    | Associate Professor (Tenured - Titular)<br>Universitat Pompeu Fabra, Barcelona, Spain                  |
| 2009 – 2015    | Assistant Professor<br>Universitat Pompeu Fabra, Barcelona, Spain                                      |

## OTHER AFFILIATIONS AND APPOINTMENTS

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|----------------|--|
| 2017 – present | Area Director, BGSE Data Science Center  |
| 2017 – present | Associate, Oxford Man Institute          |
| 2015 – present | CEPR Affiliate (Industrial Organization) |
| 2015 – present | Academic Consultant, Bank of England     |

## GRADUATE STUDIES

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|-------------|--|
| 2004 – 2009 | London School of Economics, London, UK<br>PhD in Economics “Information, Career Concerns, and Organizational Performance”<br>Supervisors: Gilat Levy and Andrea Prat |
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## PUBLICATIONS

“CEO Behavior and Firm Performance” with Oriana Bandiera, Andrea Prat, and Raffaella Sadun, *Journal of Political Economy*, accepted.

“Vertical Exclusion with Downstream Risk Aversion of Limited Liability” with Massimo Motta, *Journal of Industrial Economics*, accepted.

“Transparency and Deliberation within the FOMC: A Computational Linguistics Approach” with Michael McMahon and Andrea Prat, *Quarterly Journal of Economics* (2018) 133 (2): 801-870.

“First Impressions Matter: Signalling as a Source of Policy Dynamics” with Michael McMahon, *The Review of Economic Studies* (2016) 83 (4): 1645-1672.

“Estimating Bayesian Decision Problems with Heterogeneous Expertise” with Michael McMahon and Sorawoot Srisuma, *Journal of Applied Econometrics* (2016) 31 (4): 762-771.

“Shocking Language: Understanding the Macroeconomic Effects of Central Bank Communication” with Michael McMahon, *Journal of International Economics* (2016), 38<sup>th</sup> NBER International Seminar on Macroeconomics: S114-S133.

“Organizing Public Good Provision: Lessons from Managerial Accounting” with Benito Arruñada, *International Review of Law and Economics* (2015) 42 (June): 185-191.

“Preferences or Private Assessments on a Monetary Policy Committee?” with Michael McMahon and Carlos Velasco, *Journal of Monetary Economics* (2014) 67 (October): 16-32.

“Performance Feedback with Career Concerns”, *Journal of Law, Economics, and Organization* (2013) 29 (6): 1279-1316.

## **WORKING PAPERS**

“The Long-Run Information Effect of Central Bank Communication” with Michael McMahon and Matt Tong

## **TALKS**

Bank of England, Bergen, Bilkent (scheduled), Birkbeck, Carlos III, CEMFI, City (scheduled), Goethe, ECB, Edinburgh, Erasmus (scheduled), Essex, HSE Moscow, Imperial, LBS, LSE, LMU Munich, NES Moscow, Norwegian Business School, Oxford, Queen Mary, Surrey, Riksbank, UPenn, UPF, Warwick

## **CONFERENCE PRESENTATIONS (\* = keynote)**

2018	EC <sup>2</sup> Conference on Applied Big Data*; HKUST macro workshop; CeMMAP workshop on Machine Learning and Econometrics
2017	Norges Bank conference: Big data, Machine Learning, and the Macroeconomy; 10th Anniversary Oxford Man Institute Annual Workshop; Machine Learning for Macro (UPenn / Philadelphia Fed)
2016	EC <sup>2</sup> Conference on Big Data; Central Banking Analytic Research Forum, Bank of England; CEPR Workshop on Incentives, Management, and Organization; CEPR/IZA Annual Labour Economics Symposium; Society for Institutional & Organizational Economics; Royal Economic Society
2015	Econometric Society World Congress
2014	OFCE Empirical Monetary Economics; CEPR Workshop on Incentives, Management, and Organization
2013	Barcelona GSE Winter Workshop – Macroeconomics; Barcelona GSE Summer Forum – Dynamic Decisions; MaCCI Annual Conference; CESifo Area Conference on Macro, Money, and International Finance
2012	Barcelona GSE Winter Workshop – Microeconomics; Econometric Society European meetings; CESifo Area Conference on Applied Microeconomics; International Industrial Organization Conference
2011	Royal Economic Society; ANR-DFG Workshop on Vertical Markets; CUNEF Workshop on the Economics of Institutions and Organizations

## **SHORT COURSES ON MACHINE LEARNING AND TEXT MINING FOR ECONOMISTS**

2019	ECB (scheduled)
2018	Bank of Indonesia, BGSE (Barcelona), CEMFI (Madrid), Kiel, LMU (Munich)
2017	BGSE, CEMFI, Goethe (Frankfurt), LMU
2016	CEMFI

## **ACADEMIC SERVICE**

**Journal manuscript reviewing:** AEJ Micro; American Political Science Review; British Journal of Political Science; Econometrica; Economic Journal; Games and Economic Behavior; International Economic Review; Journal of Business and Economic Statistics; Journal of Economic Theory; Journal of the European Economic Association; Journal of Industrial Economics; Journal of Law, Economics, and Organization; Journal of Monetary Economics; Journal of Money, Credit, and Banking; RAND Journal of Economics; Review of Economic Studies; Social Choice and Welfare; Theoretical Economics

### **Seminar and Workshop Organization:**

2017 – 2019	Scientific Program Committee, Royal Economic Society
2018	Co-organizer, BGSE Summer Forum Workshop on “Data Science for Economics”
2016 – 2017	Scientific Program Committee, European Meeting of the Econometric Society
2015 – 2017	Co-organizer, BGSE Summer Forum Workshop on “Central Bank Design”
2009 – 2010	Co-organizer, UPF Organizations and Markets Seminar

## **RESEARCH GRANTS, AWARDS, AND FELLOWSHIPS**

2019	Campbell Visiting Fellow, Hoover Institute, Stanford University
2017 – 2019	Turing Fellow, Alan Turing Institute
2016 – 2021	Ramón y Cajal Grant (declined)
2015	Amazon Web Services Research Grant
2015 – 2016	Fondation Banque de France grant, with P. Hubert and M. McMahon
2014 – 2016	Spanish Ministry of Education and Science grant for “Competition Policy, Organizations, and Consumer Protection” (Principal Investigators A. Banal and C. Serrano)
2014 – 2015	Houblon-Norman Fellowship, Bank of England
2014 – 2015	Barcelona GSE Seed Grant
2014	Bank of England Research Donations Committee seed funding for “The Role of Deliberation in Monetary Policy,” with M. McMahon and A. Prat

2011 – 2013 Spanish Ministry of Education and Science grant for “New Frontiers in the Study of Competition Policy” (Principal Investigator M. Motta)

### **NON-REFEREED PUBLICATIONS**

“Machine Learning for Economics and Policy,” in *Economic Analysis of the Digital Revolution* (FUNCAS Social and Economic Studies 5), editors Juan José Ganuza and Gerard Llobet.

“How central bank communication generates market news” with Michael McMahon, VoxEU ebook *Hawks and Doves: Deeds and Words - Economics and Politics of Monetary Policymaking* (2018), editors Sylvester Eijffinger and Donato Masciandaro.

“A Survey of How 1,000 CEOs Spend Their Day Reveals What Makes Leaders Successful” with Oriana Bandiera, Andrea Prat, and Raffaella Sadun, *Harvard Business Review*, 12 October 2017.

“The nature and effectiveness of central-bank communication” with Michael McMahon, VoxEU, 3 February 2016.

“Text Mining for Central Banks” with David Bholat, Pedro Santos, and Cheryl Schonhardt-Bailey, Centre for Central Banking Studies Handbook No. 33, Bank of England.

“Central bank transparency and committee deliberation” with Michael McMahon and Andrea Prat, VoxEU, 20 June 2014.

“Mark Carney and first impressions in monetary policy” with Michael McMahon, VoxEU, 11 August 2013.

“What do external experts bring to the table? Evidence from the Bank of England’s Monetary Policy Committee” with Michael McMahon, VoxEU, 25 September 2010.