BARBARA ROSSI

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EDUCATIONAL BACKGROUND:

Princeton University, Ph.D. Economics, 2001.
Dissertation title: "Essays in Long Horizon Testing and Predictive Ability in the Presence of High Persistence with Applications to International Macroeconomics" Committee: Mark Watson (Chair), Kenneth Rogoff, Bo Honore' and Elie Tamer Bologna University, Bologna (Italy), Ph.D. Economics, 1999.
Bocconi University, Milan (Italy), M.A. with distinction, Economics, 1996.
Bologna University, Bologna (Italy), B.A. with distinction, Economics, 1995.

ACADEMIC POSITIONS:

| ICREA Professor at University of Pompeu Fabra | Jan. 2012 - | |
|---|-----------------------|--|
| CREI Fellow | Jan. 2012 – | |
| Barcelona GSE Research Professor | Jan. 2017 – | |
| Barcelona GSE Affiliate Professor | Jan. 2012 – Dec. 2016 | |
| Associate Professor (with Tenure), Duke University | July 2008 – June 2012 | |
| Assistant Professor, Dept. of Economics, Duke University | Sept. 2001- June 2008 | |
| VISITING POSITIONS: | | |
| Visiting Researcher, Federal Reserve Bank of New York | Oct. 2019 | |
| Visiting Researcher, University of Sydney | Dec. 2017 | |
| Visiting Researcher, European Central Bank | Spring 2016 | |
| Visiting Researcher, Norges Bank | Sept. 2015 | |
| Visiting Professor, Duke University | July 2012 – June 2014 | |
| Visiting Researcher, Philadelphia Fed | Jan. 2014 | |
| Visiting Researcher, University of New South Wales (Sydney) | July 2012 | |
| Visiting Researcher, Philadelphia Fed | May 2012 | |
| Visiting Researcher, St. Louis Fed | May 2012 | |
| Visiting Researcher, Philadelphia Fed | Dec. 2010 | |
| Visiting Researcher, University of California, Berkeley | Spring 2009 | |
| Visiting Researcher, ENSAE-CREST, France | Nov. 2007 | |
| Visiting Researcher, University of Montreal, Canada | Oct. 10-15, 2005 | |
| Visiting Researcher, Atlanta Fed | Feb. 6-13, 2005 | |
| Visiting Researcher, Department of Economics, UCSD | Fall 2004 | |
| Visiting Researcher, Dept. of Economics, Concordia University | May 2004 | |

| OTHER PROFESSIONAL AFFILIATIONS: | |
|--|-----------|
| Editor, Journal of Applied Econometrics | 2015- |
| Co-editor, International Journal of Central Banking | 2017-2019 |
| Founding Fellow, International Association of Applied Econometrics | 2017- |
| Fellow, Econometric Society | 2020- |
| Chair of the Scientific Committee of the Euro Area Business Cycle | |
| Network | 2020-2023 |
| Member of the Council of the European Economic Association | 2017-2021 |
| Vice Chair of the Scientific Committee of the Euro Area Business Cycle | |
| Network | 2017-2019 |
| Research Affiliate, City University of Hong Kong | 2017- |
| European Standing Committee of the Econometric Society, Member | 2015-2018 |
| EC ² Standing Committee | 2014- |
| Associate Editor, Quantitative Economics | 2013-2017 |
| International Association for Applied Econometrics, Director | 2013- |
| CEPR Business Cycle Dating Committee Member | 2012-2014 |
| Research Fellow, Centre for Applied Financial Economics, USC | 2012- |
| Associate Editor, Journal of Applied Econometrics | 2009-2014 |
| Associate Editor, Journal of Economic Dynamics and Control | 2008-2014 |
| CEPR Fellow | 2008-2020 |
| Associate Editor, Journal of Business and Economic Statistics | 2008-2013 |

FIELDS OF INTEREST:

Time Series Econometrics, Applied International Finance and Macroeconomics, Macroeconometrics, Forecasting

FELLOWSHIPS, GRANTS, HONORS AND AWARDS:

- Econometric Society Fellow, since 2020.
- Invited Speaker, 2021 North American Meeting of the Econometric Society (Montreal, Canada)
- Keynote Speaker, *CefES Conference*, Milan (Italy), 2020
- Keynote Speaker, 2020 Workshop on Macroeconomic and Financial Time Series Analysis (Lancaster University, UK)
- Keynote Speaker, *EcoMod Conference*, Milan (Italy), 2020
- Keynote Speaker, 2020 CIRET Conference (Poland)
- Invited Speaker, 2020 Kiel Institute for the World Economy Workshop (Germany)
- Barcelona GSE-La Caixa Research Grant, 2019-2020
- Keynote Speaker, 2019 Big Data and Economic Forecasting Workshop (Ispra)

• Keynote Speaker, 2019 INFER Conference, Vrije Universiteit Brussel and National Bank of Belgium, Brussel (Belgium)

- Keynote Speaker, 2019 EC^2 Conference, Oxford (UK)
- Keynote Speaker, 2019 Society for Nonlinear Dynamics and Econometrics Conference (Dallas)
- Keynote Speaker, 2019 Workshop on Empirical Macroeconomics, Bank of Finland

• Invited Speaker, 2018 Advances in Applied Macro-Finance Conference, Istanbul (Turkey)

• Invited Speaker, XXIII Latin American and Caribbean Economic Association (LACEA) and Latin American Meeting of the Econometric Society (LAMES), November 2018

• Invited Speaker, 2018 Asian Meetings of the Econometrics Society (Seoul, Korea)

• Invited Speaker, Econometrics Journal Session, 2018 Royal Economic Society Annual Conference (Brighton, UK)

• Invited Speaker, 5th Macroeconometrics Workshop, University of Sydney (Australia), November 2017

• Invited Speaker, 2017 *Heidelberg Summer School Lectures* (Germany)

• Invited Speaker, *Midwest Econometrics Group Conference*, Texas A&M (USA), October 2017

• Invited Speaker, German Statistical Society Annual Meeting, Rostock (Germany), September 2017

• Outstanding Paper Award, International Journal of Forecasting 2017

• Keynote Speaker, 22nd Spring Meeting of Young Economists, Halle (Germany), March 2017

• Spanish Business Cycle Committee Invited Lecture, *Symposium of the Spanish Economic Association* (Bilbao), December 2016

• Keynote Speaker, NBP Workshop in Forecasting, Warsaw, November 2016

- BBVA Grant, 2016-2018
- Duisemberg Fellow, *European Central Bank*, 2016
- Invited Speaker, Bristol Econometrics Study Group, Bristol (U.K.), July 2016

• Invited Speaker, *The Impact of Uncertainty Shocks on the Global Economy*, Banque de France and UCL (U.K.), May 2016

• Keynote Speaker, Fourth International Symposium in Computational Economics and Finance, Paris, April 2016

• Keynote Speaker, *Applied Macroeconomics Workshop*, Henan University, China, March 2016

• Invited Speaker, *Journal of Business and Economic Statistics Session* at the American Economic Association Meetings, January 2016

• Featured Speaker, International Symposium on Forecasting, Riverside, June 2015

• Keynote Speaker, 11th BMRC-DEMS Conference on Macro and Financial Economics/Econometrics, Brunel University, London

• Elected Member of the European Regional Standing Committee of the *Econometric Society*, December 2014

• Keynote Speaker, *Financial Determinants of Exchange Rates Workshop*, De Nederlandsche Bank (Amsterdam), 2014

• Invited Speaker, Conference on Advances in Applied Macro-Finance and Forecasting, Istanbul 2014

- ERC Grant 2014-2018
- Invited Speaker, Italian Conference on Econometrics and Empirical Economics, 2013
- Invited Speaker, Econometric Society Australasian Meetings, July 2012
- Excellence in Refereeing Award 2012, American Economic Review

• Marie Curie CIG Grant 2012

• NSF Grant, 2010-2012: "New Methods for Inference in the Presence of Instabilities, Weak Identification and Mis-specification", with A. Inoue

• JAE Conference Grant, 2009

• SAS Grant, 2008: "New Methods for Forecasting and Model Evaluation"

• Keynote Speaker, Halle Institute for Economic Research Macroeconometrics Worshop (Germany)

• NSF Grant, 2007-2009: "Model Selection and Forecasting in Unstable Environments", with R. Giacomini

- Arts & Sciences Committee on Faculty Research, Duke University, Spring 2006
- Trent Foundation, Conference Organization Grant, Duke University, Fall 2005
- The Office of International Affairs and the Center for European Studies, Conference Organization Grant, Duke University, Fall 2005
- Princeton University Fellowship, 1996-2000
- IFS Summer Fellowship, 1999-2000
- Mellon Foundation Fellowship, summer 1998
- Mediocredito Centrale Scholarship, 1996 (not used)
- Invernizzi Scholarship, Universita' Bocconi, Milan, September 1995.

PUBLICATIONS

1. "Testing Long-Horizon Predictive Ability with High Persistence, and the Meese-Rogoff Puzzle", *International Economic Review* 46(1), February 2005, 61-92.

2. "Optimal Tests for Nested Model Selection with Underlying Parameter Instability", *Econometric Theory* 21(5), October 2005, 962-990.

3. "Confidence Intervals for Half-Life Deviations from Purchasing Power Parity", *Journal of Business and Economic Statistics* 23(4), October 2005, 432-442.

4. "Small Sample Confidence Bands for Multivariate Impulse Response Functions", with E. Pesavento, *Journal of Applied Econometrics* 21(8), December 2006, 1135-1155.

5. "Do Technology Shocks Drive Hours Up or Down? A Little Evidence From an Agnostic Procedure", with E. Pesavento, *Macroeconomic Dynamics* 9(4), September 2005, 478-488.

6. "Recursive Predictability Tests for Real Time Data", with A. Inoue, *Journal of Business and Economic Statistics* 23(3), July 2005, 336-345.

7. "Are Exchange Rates Really Random Walks? Some Evidence Robust to Parameter Instability", *Macroeconomic Dynamics* 10(1), February 2006, 20-38.

8. "How stable is the forecasting performance of the yield curve for output growth?" with R. Giacomini, Oxford Bulletin of Economics and Statistics 68(s1), December 2006, 783-795.

9. "Impulse Response Confidence Intervals for Persistent Data: What Have We Learned?", with E. Pesavento, *Journal of Economic Dynamics and Control* 31, 2007, 2398-2412.

10. "Expectations Hypotheses Tests and Predictive Regressions at Long Horizons", *The Econometrics Journal* 10(3), October 2007, 1-26.

11. "Monitoring and Forecasting Financial Crises", with A. Inoue, Journal of Money Credit and Banking 40(2-3), March-April 2008, 523-534.

12. "Model Selection for Nested and Overlapping Non-Linear and Possibly Misspecified Models", with M. Marcellino, *Oxford Bulletin of Economics and Statistics* 70(0), December 2008, 867-893.

13. "Detecting and Predicting Forecast Breakdown", with R. Giacomini, The Review of Economic Studies 76(2), April 2009, 669-705.

14. "Forecast Comparisons in Unstable Environments", with R. Giacomini. Journal of Applied Econometrics 25(4), June/July 2010, 595-620.

15. "Has Models' Forecasting Performance Changed Over Time, and When?", with T. Sekhposyan, *International Journal of Forecasting* 26(4), October-December 2010, 808-835.

16. "Can Exchange Rates Forecast Commodity Prices?", with Y. Chen and K. Rogoff. *Quarterly Journal of Economics* 125(3), August 2010, 1145-1194. Reprinted in: M. Taylor and M. Manzur (eds.), *Recent Developments in Exchange Rate Economics*, Edward Elgar.

17. "Identifying the Sources of Instabilities in Macroeconomic Fluctuations", with A. Inoue. *The Review of Economics and Statistics* 93(4), November 2011, 1186-1204.

18. "Understanding Models' Forecasting Performance", with T. Sekhposyan. *Journal of Econometrics* 164(1), September 2011, 158-172.

19. "What is the Importance of Monetary and Fiscal Shocks in Explaining US Macroeconomic Fluctuations?", with S. Zubairy. *Journal of Money, Credit and Banking*, 43(6) September 2011, 1247-1270.

20. "Testing for Weak Identification in Possibly Non-linear Models", with A. Inoue. *Journal of Econometrics* 161(2), April 2011, 246-261.

21. "Information Criteria for Impulse Response Function Matching Estimation of DSGE Models", with A. Inoue, A. Hall and J. Nason. *Journal of Econometrics* 170(2), October 2012, 499-518.

22. "Consistent Model Selection Over Rolling Windows", with A. Inoue and J. Lu. In: N. Swanson and X. Chen, *Essays in Honor of Hal White*, Springer-Verlag 2012.

23. "Out-of-Sample Forecast Tests Robust to the Choice of Window Size", with A. Inoue. *Journal of Business and Economic Statistics* 30(3), July 2012, 432-453.

24. "The Changing Relationship between Commodity Prices and Equity Prices in Commodity Exporting Countries". *IMF Economic Review 60(4)*, December 2012, 533 - 569.

25. "Forecasting in Macroeconomics", with R. Giacomini, in: N. Hashimzade and M. Thornton (eds.), *Handbook of Research Methods and Applications on Empirical Macroeconomics*, Cheltenham, UK: Edward Elgar, June 2013, 618-658.

26. "Do DSGE Models Forecast More Accurately Out-of-Sample than Reduced-Form Models?", with R. Gürkaynak and Burçin Kısacıkoğlu. In: T. Fomby, L. Kilian and A. Murphy (eds.), "VAR Models in Macroeconomics - New Developments and Applications: Essays in Honor of Christopher A. Sims", *Advances in Econometrics vol. 32*, 2013, 27-80. (Also CEPR Discussion Paper 9576)

27. "Conditional Predictive Density Evaluation in the Presence of Instabilities", with T. Sekhposyan. *Journal of Econometrics* 177(2), December 2013, 199-212.

28. "Exchange Rate Predictability", Journal of Economic Literature 51(4), December 2013, 1063–1119.

29. "Advances in Forecasting in Unstable Environments", *Handbook of Economic Forecasting* Vol. 2B, G. Elliott and A. Timmermann eds., Elsevier-North Holland, July 2013, pp. 1203-1324.

30. "Evaluating Predictive Densities of US Output Growth and Inflation in a Large Macroeconomic Data Set", with T. Sekhposyan. *International Journal of Forecasting* 30(3), July-September 2014, 662–682. (Awarded the IJF outstanding paper certificate).

31. "Macroeconomic Uncertainty Indices Based on Nowcast and Forecast Error Distributions", with T. Sekhposyan, *American Economic Review: Papers & Proceedings*, 105(5), pp. 650-55, May 2015.

32. "Can Oil Prices Forecast Exchange Rates? An Empirical Analysis of the Relationship between Commodity Prices and Exchange Rates", with D. Ferraro and K. Rogoff. *Journal of International Money and Finance* 54, June 2015, 116-141.

33. "Forecasting in Nonstationary Environments: What Works and What Doesn't in Reduced-Form and Structural Models", with R. Giacomini. *Annual Review of Economics* 7, August 2015, 207-229.

34. "Forecast Rationality Tests in the Presence of Instabilities, With Applications to Federal Reserve and Survey Forecasts", with T. Sekhposyan. *Journal of Applied Econometrics* 31(3), April-May 2016, 507-532.

35. "Model Comparisons in Unstable Environments", with R. Giacomini, International Economic Review 57(2), May 2016, 369-392.

36. "In-sample Inference and Forecasting in Misspecified Factor Models", with M. Carrasco. Journal of Business and Economic Statistics 34(3), 313-338, July 2016; and "Rejoinder", Journal of Business and Economic Statistics 34(3), 353-356, July 2016.

37. "Heterogeneous Consumers and Policy Shocks", with E. Anderson and A. Inoue. *Journal of Money, Credit and Banking* 48(8), December 2016, 1877-1888.

38. "Optimal Window Selection in the Presence of Possible Instabilities", with A. Inoue and L. Jin. *Journal of Econometrics* 196(1), January 2017, 55-67.

39. "Macroeconomic Uncertainty Indices for the Euro Area", with T. Sekhposyan. *Empirical Economics*, 53(1), April 2017, 41-62.

40. "Uncertainty and Deviations from Uncovered Interest Rate Parity", with A. Ismailov, *Journal of International Money and Finance* 88, November 2018, 242-259.

41. "Alternative Tests for Correct Specification of Conditional Forecast Densities", with T. Sekhposyan, *Journal of Econometrics 208*, 2019, 638-657.

42. "The Effects of Conventional and Unconventional Monetary Policy on Exchange Rates", with A. Inoue. *Journal of International Economics* 118, 2019, 419-447.

43. "Identifying the Sources of Model Misspecification", with C.H. Kuo and A. Inoue. *Journal of Monetary Economics*, forthcoming. Also available as *CEPR Discussion Paper* 10140.

44. "Confidence Intervals for Bias and Size Distortion in IV and Local Projections-IV Models", with G. Ganics and A. Inoue. *Journal of Business and Economic Statistics*, forthcoming.

OTHER PUBLICATIONS:

1. "Comments on: Exchange Rate Models Are Not As Bad As You Think", in: Acemoglu, D., M. Woodford, and K. Rogoff (eds.), NBER Macroeconomics Annual 2007.

2. "Where Are Commodity Prices Headed Next? Look at Exchange Rates", with Y.C. Chen and K. Rogoff, *Vox.*

3. "Predicting Agri-Commodity Prices: An Asset Pricing Approach", with Y.C. Chen and K. Rogoff, *World Uncertainty and the Volatility on Commodity Markets*, ed. B. Munier. IOS, 2011.

4. "Comment on: Forecast Rationality Tests Based on Multi-Horizon Bounds", Journal of Business and Economic Statistics 30(1), February 2012, 25-29.

5. "Comment on: Taylor Rule Exchange Rate Forecasting During the Financial Crisis", NBER International Seminar in Macroeconomics 2012, U. of Chicago Press, 2013.

6. "Are Exchange Rates Predictable?", Vox, 14 November 2013

7. "Density Forecasts in Economics, Forecasting and Policymaking", *Els Opuscles del CREI*, 2014.

8. "Comment on: Central bank macroeconomic forecasting during the financial crisis: the European Central Bank and Federal Reserve Bank of New York Experiences", *Journal of Business and Economic Statistics* 32:4, 510-514, October 2014.

9. "Eurozone Mired in Recession Pause", with D. Giannone, R. Gürkaynak, M. Merz, R. Portes, L. Reichlin, A. Ritschl, P. Weil and K. Whelan, *Vox*, <u>http://www.voxeu.org/article/</u><u>eurozone-mired-recession-pause</u>

10. "Comment on: Of Quantiles and Expectiles: Consistent Scoring Functions, Choquet Representations and Forecast Rankings", *Journal of the Royal Statistical Society B* 18, Part 3, June 2016, p. 553.

11. "A Review of Economic Forecasting", *Econometrics Journal* 19(3), October 2016, pp. B1-B3.

12. Implementing Tests for Forecast Evaluation in the Presence of Instabilities, with M. Soupre, *Stata Journal* 17(4), 2017, 850-865.

13. "VAR-based Granger-causality Tests in the Presence of Instabilities", with Y. Wang, *Stata Journal*, forthcoming, 2019.

WORKING PAPERS (SUBMITTED):

"The Effects of Conventional and Unconventional Monetary Policy: A New Identification Procedure", with A. Inoue.

"Identifying and Estimating the Effects of Unconventional Monetary Policy in the Data: How to Do It and What Have We Learned?"

"Understanding the Sources of Macroeconomic Uncertainty", with T. Sekhposyan and M. Soupre, *Barcelona Graduate School of Economics Working Papers*, 2016 and CEPR Discussion Paper 11415.

"Forecasting in the Presence of Instabilities: How Do We Know Whether Economic Models Work and How to Improve Them"

WORK IN PROGRESS:

"From Fixed-event to Fixed-horizon Density Forecasts: Professional Forecasters' View on Multi-horizon Uncertainty," with G. Ganics and T. Sekhposyan.

"Testing for Forecast Rationality Under Regime Switching", with F. Odendhal and T. Sekhposyan.

"Is the Information Channel Important? New Empirical Evidence", with L. Hoetsch and T. Sekhposyan.

"Tests for the Validity of Portfolio or Group Choice in Financial and Panel Regressions", with A. Inoue.

OTHER PROFESSIONAL SERVICE:

Organizer, 11th Conference of the International Research Forum on Monetary Policy 2020 (European Central Bank, Germany) Program Committee Member and Organizer, *EABCN Conference* (Bank of France) Scientific Committee Program Lead Coordinator, European Economic Association Meetings (Rotterdam, the Netherlands) 2020 Scientific Committee Program Member, Econometric Society World Congress (Milan, Italy) 2020 2019 Program Committee Member and Organizer, EABCN Conference on "Advances in Business Cycle Analysis" (Bank of Spain, Madrid) Program Committee Member, 2019 IAAE Conference (Cyprus) Organizer, "First IAAE Invited Session: Advances in Macroeconometrics", ASSA Meetings 2018 (Philadelphia, January 2018) Program Committee Member and Co-organizer, 10th ECB Workshop on Forecasting *Techniques*, Frankfurt (Germany) Program Committee Member and Organizer, Sixth Time Series in Macroeconomics and Finance Conference, BGSE Summer Forum, Barcelona Graduate School of Economics (Barcelona), June 2017 Program Committee Member and Organizer, EABCN Conference on "Measuring The Effects of Unconventional Monetary Policy in the Data: What Have We Learned?" (Barcelona), May 2018 Program Committee Member, ICEEE January 2017 (Italy) 2017 Program Committee Member, 2017 SNDE Symposium (Paris) Program Committee Member, 2017 Infer Annual Conference (France)

Organizer, Annual International Journal of Central Banking Research Conference on: "The Interplay between Monetary Policy and Fiscal Policy", Czech National Bank, June 2017 (Prague)

Program Committee Member and Organizer, *Fifth Time Series in Macroeconomics and Finance Conference, BGSE Summer Forum*, Barcelona Graduate School of Economics (Barcelona), June 2017.

2016 Program Chair, Econometric Society European Meetings August 2016 (Geneva)
 Co-organizer, 9th ECB Workshop on Forecasting Techniques, Frankfurt (Germany)
 Program Committee Member and Organizer, Fourth Time Series in Macroeconomics and
 Finance Conference, BGSE Summer Forum, Barcelona Graduate School of Economics (Barcelona), June 2016.

Program Committee Member, Info-Metrics Conference on Information-Theoretic Methods of Inference, University of Cambridge, April 2016

Program Committee Member, 9-th Society for Financial Econometrics (SoFiE) Conference, Hong-Kong, 2016.

Program Committee Member, Spanish Economic Association Conference, Bilbao (Spain), 2016.

2015 Program Committee Member, *Econometric Society World Congress* (Montreal) Program Committee Member, *Society for Nonlinear Dynamics and Econometrics*, BI Norwegian Business School (Oslo, Norway), March 2015

Program Committee Member and Organizer, Second Conference of the International Association of Applied Econometrics, (Thessaloniki, Greece), June 2015.

Program Committee Member and Organizer, *Third Time Series in Macroeconomics and Finance Conference*, *BGSE Summer Forum*, Barcelona Graduate School of Economics (Barcelona), June 2015.

Program Committee Member, *Society for Financial Econometrics*, Aarhus (Denmark), June 2015.

JWEN Mentoring Workshop, Hitotsubashi University, Tokyo, May 2015.

2014 Conference Organizer, *EC2 Conference*, Barcelona, December 2014.

Program Chair, First Conference of the International Association of Applied Econometrics, Queen Mary University (London), June 2014.

Program Committee Member, *Econometric Society European Winter Meetings*, December 2014 (Madrid, Spain).

Program Committee Member and Organizer, Second Time Series in Macroeconomics and Finance Conference, BGSE Summer Forum, Barcelona Graduate School of Econmics (Barcelona), June 2014.

Program Committee Member, 39th Simposio of the Spanish Economic Association (Palma de Mallorca, Spain), December 2014.

Scientific Program Committee Member, 8th International Conference on Computational and Financial Econometrics, Pisa (Italy), December 2014.

Program Committee Member, 7-th Society for Financial Econometrics (SoFiE) Conference, Toronto (Canada), 2014.

Program Committee Member, European Meetings of the Econometric Society, Toulouse (France) 2014.

Program Committee Member, *Society for Nonlinear Dynamics and Econometrics*, New York, April 2014.

Program Committee Member, Econometric Society Winter Meetings, Philadelphia, 2014.

- 2013 Program Committee Member and Organizer, First Time Series in Macroeconomics and Finance Conference, BGSE Summer Forum, Barcelona, June 2013.
 Program Committee Member, Australasian Meetings of the Econometric Society, Melbourne 2013.
 Program Committee Member, Sixth Annual Conference of the Society for Financial Econometrics (SoFiE), Seoul 2013.
 Program Committee Member, EC² Conference, Cyprus 2013.Program Committee Member, 38th Simposio of the Spanish Economic Association, Santander 2013.
 Program Committee Member, European Meetings of the Econometric Society, Gothenburg (Sweden) 2013.
- 2012 Program Committee Member, European Meetings of the Econometric Society, Malaga, 2012.
 Program Committee Member, European Economic Association Meetings, Malaga, 2012.

Mentor, Committee of the Status of Women in the Economic Profession, American Economic Association: CeMENT Workshop, Chicago 2012.

- 2010 Local Program Committee Chair, NBER-NSF Time Series Conference, 2010. Organizer, Special Applied Macro Workshop, Duke University, October 2010.
- 2009 Program Chair, Business and Economics Section, *American Statistical Association*, 2009. Program Committee member, *EC² Conference*, 2009.
- 2008 Program Chair-Elect, Business and Economics Section, American Statistical Association, 2008.
 Conference organizer: ERID Conference: Identification issues in Economics, Duke University, October 2008 (joint with Hanming Fang).

Organizer, Special Applied Macro Workshop, Duke University, March 2008.

- 2007 Conference organizer: Second Forecasting Conference, Duke University, March 2007.
- 2006 Organizer, Special Applied Macro Workshop, Duke University, April and October 2006.
- 2005 Program Committee member, Annual Conference of the Italian Society of Economists, Naples (Italy), Fall 2005.

Organizer, Special Applied Macro Workshop, Duke University, November 2005.

- 2004 Conference organizer: Forecasting Conference, Duke University, May 2004.
- Seminar organization: *Econometrics Seminar*, Univ. Pompeu Fabra, 2012-to date. *Econometrics Seminar*, Duke University (co-organizer): Fall 2006-2007. *Econometrics Jamboree*, Duke University, November 2008 and September 2010.

TEACHING EXPERIENCE:

- University Pompeu Fabra, 2012-current: Macroeconometrics (2nd year PhD level course); Applied Macroeconometrics (1st year PhD level course); Empirical Methods in Macroeconomics and Forecasting in Time Series (2nd year PhD level course)
- Duke University, 2001-2011: *Economics 327*: Empirical Methods in Macroeconomics and Forecasting in Time Series (2nd year PhD level course); *Economics 220*: Time Series Econometrics (Master level and Advanced Undergraduate course); *Economics 141*: Applied International Macroeconomics and Finance (Advanced Undergraduate course); *Econometrics 341* (1st year Ph.D. Course); *Economics 51D* (Introductory Macroeconomics Course for Undergraduates)

- Teaching Assistant for Prof. Giovanni Maggi and Prof. Silvia Weyerbrock, *International Trade* and *International Economics*, Woodrow Wilson School, Princeton University, Fall 2000 (Master courses)
- Teaching Assistant for Prof. Helene Rey and Prof. Paul Krugman, International Macroeconomics and Advanced Macroeconomics: Domestic Policy, Woodrow Wilson School, Princeton University, Fall 2000 (Master courses)
- Teaching Assistant for Prof. Elizabeth Bogan, *The National Economy*, Fall 1999, and Prof. Elie Tamer, *Econometrics*, Spring 2000, Princeton University (Undergraduate courses)
- Teaching Assistant for Prof. Mark Watson and Prof. Yacine-Ait-Sahalia, Advanced Econometrics: Time Series Models, Fall 1998, and Prof. Han Hong, Advanced Econometrics: Non-linear Methods, Spring 2000, Princeton University (2nd year Graduate courses). Grader for Prof. Kevin Hallock, labour economics.

Research Assistant for Prof. Kenneth Rogoff, Princeton University, June-July 1998 Research Assistant for Prof. Orazio Attanasio, University of Bologna, 1995.

TEACHING SHORT COURSES:

"Macroeconomic Forecasting", Bank of Korea, 2020

"Macroeconomic Forecasting", Switzerland, 2019

"Short-term Macroeconomic Forecasting", Switzerland, 2017

"Exchange Rate Forecasting", Central Bank of Hungary, 2016

"Methods for Forecast Evaluation", CREI Summer School, Barcelona, July 2016, 2017, 2018 "Exchange Rate Forecasting", Norges Bank, 2015

"Methods for Forecast Evaluation", CREI Summer School, Barcelona, July 2015

"Methods for Forecast Evaluation", CREI Summer School, Barcelona, July 2014

"Macroeconomic Leading Indicators: Construction, Use and Evaluation", Central Bank of Tunisia, 2014.

"Exchange Rate Predictability", Macroeconometrics Summer School, Barcelona, June 2013

"Methods for Forecast Evaluation and Estimation", CREI Summer School, Barcelona, June 2013

"Forecast Evaluation", Econometrics Summer School, Bertinoro (Italy), June 2012

"Model Selection with Applications to Finance and Macroeconomics", CREST-INSEAD (France), November 2007.

<u>SEMINARS AND CONFERENCE PRESENTATIONS:</u> (* means conference presentation by a coauthor)

- 2020 ASSA Meetings*, University of Surrey, Lancaster University, Manchester University. IWEEE conference
- 2019 Chicago Booth, Harvard University, Penn State, London Business School, Bank of England, SNDE Meetings (Texas), Exeter University, Bank of Finland Workshop, Bank of England, Applied macroeconomics and finance workshop (Beijing, China), University of Bologna, Macroeconomic Workshop, Oxford University, Federal Reserve Bank of New York

- 2018 ASSA Meetings (Philadelphia), CEMFI, Bank of France Workshop, INSEAD, UCL workshop, Vanderbilt Workshop (Vanderbilt University, USA), Tor Vergata, 1st Vienna Workshop on Economic Forecasting (*), St. Petersburg Workshop, 2018 IAAE Conference (Montreal), NBER Summer Institute, Latin American Meetings of the Econometric Society (LACEA-LAMES), CFE Conference (Pisa), Warwick University, Bilkent University, Macroeconomic Workshop in Bilgi University (Turkey)
- 2017 ASSA Meetings (Chicago), ICEEE Conference (Messina), Columbia University, "Information, Uncertainty and Beliefs" Conference (NYU-Stern), NCState U., SNDE Conference (Paris), Halle (Germany), Toulouse Financial Econometrics Conference, International Conference on Exchange Rate Models for a New Era (Hong Kong), Barcelona GSE Summer Forum, International Association of Applied Econometrics (Japan), Bundesbank Forecasting Workshop (Frankfurt), Annual Meeting of the German Statistical Society, DIW (Berlin), Heidelberg Summer School Lectures (Germany), NBER-NSF Time Series Conference (Northwestern U.) (*), Midwest Econometrics Group at Texas A&M (USA), University of Pennsylvania (Philadelphia), U. of Padova, U. of Sydney, Reserve Bank of New Zealand
- 2016 American Economic Association/Econometric Society Meetings (San Francisco), Second Workshop on Advanced Economics and Business Forecasting (London), London School of Economics, University College London, National University of Singapore, City University of Hong Kong, Academia Sinica (Taiwan), Henan University (China), University of York, CREST, "Forecasting and Financial Markets" conference (Econometric Institute and Tinbergen Institute), Computation in Economics and Finance Conference (Paris), Third IAAE Conference (Milan), Bristol University, Forecasting in Finance and Macroeconomics Workshop (Bolzano), "Economics of Resource Wealth" (U. of Stavanger), CEF conference (Pisa), Oxford University Workshop, University of Gothenburg, NBP Workshop on Forecasting (Warsaw), Bank of England, SEA conference (Bilbao), Computational Economics and Finance conference (Seville).
- 2015 American Economic Association Meetings (Boston*), U. of Milano-Bicocca, National University of Singapore, HEC Paris, Granger Center (Nottingham School of Economics), Queen Mary U., 11th BMRC-DEMS Conference on Macro and Financial Economics/Econometrics (Brunel U., London), University of Glasgow, SETA Conference (Tokyo), Kobe University (Japan), Kyoto University (Japan), International Symposium on Forecasting (Riverside), Second IAAE Conference (Thessaloniki), Econometric Society World Congress (Montreal*), Norges Bank, U. of Navarra, Bocconi University.
- 2014 Trinity College Dublin, EABCN Conference (London), University of Venice, Mathematical and Statistical Methods for Actuarial Sciences and Finance (MAF) Conference (Salerno), Norges Bank, Central European University (Budapest), National Bank of Serbia (Belgrade), Economic Modelling and Forecasting Workshop (Warwick), Tripartite Workshop of Cambridge Finance, Penn-Wharton and DSF-Tinbergen Institute (Amsterdam), ECB Workshop on "Financial Instability, Economic Dynamics and Forecasting", International Association of Applied

Econometrics Conference (London), NBER Summer Institute: Forecasting and Empirical Methods in Macroeconomics and Finance (Boston), New Developments in Econometrics and Time Series Workshop (Rome), Time Series Conference (Istanbul), University of Helsinki, European Central Bank, Aix-Marseille School of Economics, NBER-NSF Time Series Conference (*), EC2 Conference (*), Bank of France Workshop on "Expectations and Forecasting" (Paris), 8th International Conference on Computational and Financial Econometrics (Pisa), Financial Determinants of Exchange Rates Workshop (De Nederlandsche Bank, Amsterdam).

- 2013 Italian Conference on Econometrics and Empirical Economics (ICEEE, Genova), CORE (Louvain), SNDE Conference (Milan), Graduate Institute of International and Development Studies (Geneva), Carlos III (Madrid), Universitat Autonoma Barcelona, "Frontiers of Macroeconometrics" Conference (UCL, London), "Forecasting Structure and Time-Varying Patterns in Economics and Finance" Conference (Erasmus University, Rotterdam), NBER-NSF Conference* (Washington), SoFiE Conference (Lugano), UAB, University of Padova, EC(2) Conference (Cyprus).
- 2012 AEA Meetings (Chicago), U. of Cambridge, Econometric Society Australasian Meetings (Melbourne), Paris School of Economics, Toulouse U., Goethe U., Joint Lunchtime Seminar Goethe-European Central Bank, Workshop in Time Series Econometrics (Zaragoza), SNDE Conference (Istanbul), Conference on "Policy Responses to Commodity Price Movements" (IMF, IMF Economic Review and Central Bank of the Republic of Turkey), SED Meetings (Cyprus), Deutsche Bundesbank & Ifo Institute Workshop on "Uncertainty and Forecasting in Macroeconomics", Australasian Meetings of the Econometrics Society (Melbourne), Sydney Econometric Theory Workshop (UNSW, Sydney), Monash University, Joint Statistical Meetings (San Diego), European Meeting of the Econometric Society (Malaga), NBER Meeting on Commodity Markets (Stanford), "Monetary Policy and Commodity Prices" Conference (ECB and Norges Bank), UPF Faculty Lunch seminar
- 2011 AEA Meetings (Denver), Pompeu Fabra, Columbia University, University of Pennsylvania, U. of Arizona, Michigan State U., Collegio Carlo Alberto, Society for Nonlinear Dynamics and Econometrics Conference (Washington), Conference in honor of Hal White (UCSD, May), Bank of Canada-ECB conference on "Exchange Rates and Macroeconomic Adjustment" (Ottawa), NBER Summer Institute (*), Joint Statistical Meetings (Miami), NBER-NSF Time Series Conference, University of Chicago, UNC Chapel-Hill
- 2010 Ohio State, St. Louis Fed Workshop, Bocconi University, Triangle Econometrics Conference
- 2009 AEA Meetings (S. Francisco), UC Berkeley, UC Davis, Conference on "Business Cycles: Theoretical and Empirical Advances" at UC Riverside, Third CIREQ Time Series Conference (Montreal), SED Meetings (Istanbul), Econometric Society Summer Meetings (Boston), NBER Summer Institute on "Forecasting and Empirical Methods in Macroeconomics and Finance" (Boston), Joint Statistical Meetings(*)

(Washington), NBER-NSF Time Series Conference (UC Davis), Boston University (October).

- 2008 University Carlos III (Madrid, Spain), University of Montreal (Canada), NBER-IFM Conference(*) (March), 28th Annual Symposium on Forecasting (July, Nice, France), Forecasting in Rio (Rio de Janeiro, Brazil), EEA-ESEM(*) (August, Milan, Italy), NBER-NSF Time Series Conference (September, Aarhus, Denmark), University of Pennsylvania (September), Federal Reserve Bank of New York, Central Bank of Chile, Applied Econometrics Workshop at St. Louis Fed, EABCN Workshop on Business Cycle Developments, Financial Fragility, Housing and Commodity Prices (Barcelona), London Business School, 9-th IWH-CIREQ workshop (Halle), Workshop on "Now-casting with Model Combination" at the Central Bank of New Zealand (Wellington), Research workshop on Monetary Policy in Open Economies at the Central Bank of Australia (Sydney).
- 2007 Michigan State, NBER Macroeconomics Annual Conference (Boston), Conference on "The Macroeconomics of Technology Shocks" (Laurier Center for Economic Policy, Waterloo, Canada), University of Cincinnati, Brown University, Society for Economic Dynamics (Prague, Czech Republic), Econometrics Society Summer Meetings*, (Duke University), NBER Summer Institute on "Forecasting and Empirical Methods in Macroeconomics and Finance"* (Boston), Joint Statistical Meetings (Salt Lake City), Conference on "Time Series Econometrics with Applications to Macroeconomics and Finance" (Federal Reserve Bank of St. of Louis), Federal Reserve Bank of Philadelphia (October), Federal Reserve Bank of St. Louis (October), University of Virginia (October), Federal Reserve Bank of San Francisco (October), University of California, Irvine (October), University of British Columbia (Canada, October), University of Washington (October), Princeton University (November), Bank of France and CREST Workshop on "Model Validation, Predictive Ability, and Model Risk" (November), University of Warwick (November), University of Cambridge (November), London School of Economics (December), Fifth ECB Workshop on Forecasting Techniques: "Forecast Uncertainty in Macroeconomics and Finance" (European Central Bank, Frankfurt, Germany), Bocconi University (Milan, Italy).
- 2006 Econometric Society Winter Meetings* (Boston), SAMSI Workshop (National Institute of Statistical Sciences), NC State University (Raleigh), Board of Governors of the Federal Reserve (Washington), University of Pittsburgh, University of Bologna (Statistics Department), Ente Einaudi (Bank of Italy, Rome), Econometric Society Summer Meetings (Minneapolis), Society for Economic Dynamics (Vancouver), "Econometrics in Rio" (Rio de Janeiro, Brazil), UNC-Chapel Hill, NBER-NSF Time Series Conference (Montreal, poster session), University of Austin, Cleveland Fed Workshop on "Methods and Applications for Dynamic Stochastic General Equilibrium Models", Conference on "Breaks and Persistence in Econometrics"* (Cass Business School, London), EC² Conference on "The Econometrics of Monetary Policy and Financial Decision Making" (Rotterdam), CIREQ Conference on Time Series (University of Montreal).

- 2005 Econometric Society Winter Meetings (Philadelphia), Fifth Missouri Economics Conference (Columbia, Missouri), Conference on "Forecasting in Macroeconomics and Finance" (CIRANO, CIREQ, and University of Montreal), JAE Annual Conference on: "Changing Structures in International and Financial Markets" (Venice, Italy), "Frontiers in Time Series Econometrics" Conference (Olbia, Italy), Econometric Society World Congress* (London, U.K.), NBER-NSF Time Series Conference and Workshop on Unit Roots, Heidelberg* and Kaiserslautern (Germany), Conference on "Unit Root and Cointegration Testing" (Faro, Portugal, poster session), Universite' de Montreal (Montreal, Canada), Owen School of Business (Vanderbilt University), Southern Economic Association (Washington), Triangle Econometrics Conference (Durham).
- 2004 Econometric Society Winter Meetings (San Diego), Society for Non-linear Dynamics and Econometrics* (Atlanta), First Forecasting Conference (Duke University), Concordia University (Montreal), Econometric Society Summer Meetings* (Brown University), NBER Summer Institute on "Forecasting and Empirical Methods in Macroeconomics and Finance" (Boston), Federal Reserve Bank of St. Louis, University of Michigan, U.C. Davis, University of California Los Angeles, Ohio State University, CSWEP session on Co-integration and Empirical Applications (New Orleans), Southern Economic Association (New Orleans), U.C. Riverside, Stanford University.
- 2003 University of Virginia, Emory University, Université Libre de Bruxelles (Bruxelles, Belgium), Econometric Society Summer Meetings (Evanston), NBER/NSF Time Series Conference (Chicago, poster session), University of Houston and Rice University, University of Maryland, Virginia Tech, Midwest Econometrics Group Meetings (University of Missouri-Columbia), Euro Area Business Cycle Network Conference (Frankfurt am Main, Germany), EC2 Conference on "Endogeneity, Instruments and Identification in Econometrics" (CEMMAP UCL and IFS, London, U.K., poster session).
- 2002 UNC Chapel Hill, Conference on "Forecasting in Macroeconomics and Finance" (CIRANO and CIREQ, Montreal, Canada), North American Summer Meetings of the Econometric Society (Los Angeles), NBER Summer Meetings, ("Forecasting and Empirical Methods in Macroeconomics and Finance", Boston), Midwest Economic Group Meetings (Ohio State University), Triangle Econometrics Conference (Durham).
- 2001 Vanderbilt University, University of California San Diego, University of California Los Angeles, University of Wisconsin-Madison, Iowa State University, Duke University, Rutgers University, University of Toronto, Universita' Bocconi, University of Virginia, Triangle Econometrics Conference (Durham).

DISCUSSIONS AT CONFERENCES AND PROFESSIONAL MEETINGS:

North American Meetings of the Econometric Society, 2002 (discussant of: "A Test for Superior Predictive Ability", by P.R. Hansen).

Financial Econometrics Conference, CIRANO and CIREQ, Montreal 2003 (discussant of: "Asymptotic Confidence Intervals for Impulse Responses for Near Integrated Processes", by N. Gospodinov).

CIRANO, CIREQ and MITACS, Montreal 2004 (discussant of "Cross Sectional Forecasts of the Equity Premium", by Polk, Thompson, and Vuoltenaaho).

Southern Economic Association 2004 (New Orleans, November, discussant of: "Understanding the Evolution of World Business Cycles", by Kose, Otrok and Whiteman), CSWEP session (New Orleans 2004, discussant of: "Inflation Dynamics in Japan: Evidence of Price Rigidity and Structural Breaks", by D. Sanchez).

Econometric Society Winter Meetings 2005 (Philadelphia, discussant of "Large Shocks vs. Small Shocks", by J. Gonzalo and Martinez).

Southern Economic Association 2005 (Washington, discussant of: "Monetary Policy and the House Price Boom across U.S. States", by M. Del Negro and C. Otrok).

Econometric Society Winter Meetings 2006 (Boston, discussant of "Testable Implications of Forecast Optimality", by A. Patton and A. Timmermann, and of "An Efficient IRF Matching Estimator for Rational Expectations Models" by Jorda' and Kozicki).

Conference on Real Time Data Analysis and Methods in Economics (Federal Reserve Bank of Philadelphia 2007, discussant of: "Testing Equal Predictive Ability with Real-time Data" by Michael McCracken and Todd Clark).

Cleveland Workshop on Methods and Applications for Dynamic Stochastic General Equilibrium Models, 2007 (discussant of: D. Giannone and L. Reichlin, "Bayesian VARs with large panels").

Econometric Society Winter Meetings 2011 (discussant of "Optimal Forecasts", by A. Patton and A. Timmermann).

International Seminar on Macroeconomics "ISoM", NBER (discussant of: "Taylor Rule Exchange Rate Forecasting during the Financial Crisis", by Molodtsova and Papell).

BGSE Summer Forum on Asset Prices and Business Cycles 2013 (discussant of: "Do mood swings drive business cycles and is it rational?", by Beaudry, P., D. Nam and J. Wang)

BoC-ECB Workshop on Exchange Rates, June 2013, Frankfurt (discussant of: "The Share of Systematic Risk in Bilateral Exchange Rates", by Adrien Verdelhan)

Financial Econometrics Conference, May 2013, Toulouse (discussant of: "Predictive Regression and Robust Hypothesis Testing: Predictability Hidden", by Anomalous Observations", by Lorenzo Camponovo, Olivier Scaillet and Fabio Trojani)

Econometrics Society Winter Meetings 2014 (Philadelphia, discussant of: "Central bank macroeconomic forecasting during the financial crisis: the European Central Bank and Federal Reserve Bank of New York Experiences", by Alessi, Ghysels, Onorante, Peach and Potter)

ESSIM-CEPR Conference, May 2014, Tarragona (discussant of: "Marginal Tax Rates and Income: New Time Series Evidence", by K. Mertens)

OTHER CONFERENCE PARTICIPATION:

2019 NBER EF&G Meeting (Chicago Fed)

2017 Econometric Society European Meeting (Lisbon); "Time-varying Models for Monetary Policy and Financial Stability" (Florence)

- 2016 Econometric Society European Meeting (Geneva)
- 2015 NBER-NSF Time Series Worshop (Vienna)
- 2014 Econometrics Society Meetings, Philadelphia 2014; 9th Annual Workshop on Macroeconomics of Global Interdependence (CREi, Barcelona)
- 2013 "Challenges for Monetary Policy in the 21st Century", Bank of Canada & CREi (CREi, Barcelona)
- 2012 EC^2 conference (Florence)
- 2008 NBER MacroAnnual (Boston, April), NBER Summer Institute on "Economic Fluctuations and Growth", "Methods and Applications for DSGE Models", and "EFG" (Boston), Joint Statistical Meetings (Denver).
- 2007 NBER Summer Institute on "Economic Fluctuations and Growth" and "Methods and Applications for DSGE Models" (Boston). NBER-EFG Conference, Federal Reserve Bank of Chicago (Chicago).
- 2006 Econometric Society Winter Meetings, CeMent Workshop (American Economic Association, Boston), NBER Conference (Federal Reserve Bank of San Francisco), SAMSI Workshop on "Model Uncertainty" (National Institute of Statistical Sciences).
- 2005 NBER Summer Institute on Forecasting and Empirical Methods in Macroeconomics and Finance (Boston), SAMSI Financial Mathematics, Statistics and Econometrics Workshop (National Institute of Statistical Science), Southern Economic Association (Washington).
- 2004 Conference in honor of C. Granger, "Predictive Methodology and Application in Economics and Finance" (San Diego), Financial Econometrics Conference, CIRANO, CIREQ and MITACS, Montreal; NBER/NSF Conference (Dallas); Joint Caltech-UCLA-USC Workshop on "Non-linear/Non-stationary Time Series Models".
- 2003 Financial Econometrics Conference at CIRANO and CIREQ (Montreal, Canada); NBER Summer Meetings on "Forecasting and Empirical Methods in Macroeconomics and Finance" and "Economic Fluctuations" (Boston).
- 2002 North American Meetings of the Econometric Society, Atlanta, NBER Summer Meetings: Forecasting, IFM and Economic Fluctuations (Boston), EC² Conference on Model Selection (Bologna, Italy).

UNIVERSITY INTERNAL PRESENTATIONS:

• CREI Lunch seminar: May 2012, May 2013, February 2017

- Duke Financial Econometrics Lunch seminar: December 2001, August 2002, April 2003, October 2003, June 2004.
- Duke Macroeconomics seminar, September 2003.
- Duke Empirical Macro Study Group: September 2005, March 2006, November 2006, February 2007, March 2010.

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS:

American Economic Association, Econometric Society, European Area Business Cycle Network fellow, American Statistical Association, European Economic Association.

Referee:

American Economic Review, American Economic Review - Applied Economics, Applied Economics, Canadian Journal of Economics, Computational Statistics and Data Analysis, Econometrica, Econometrics Journal, Econometrics Reviews, Econometric Theory, Economica, Economic Bulletin, Economics e-journal, Economics Letters, International Economic Review, International Journal of Forecasting, Journal of the American Statistical Association, Journal of Applied Economics, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Empirical Finance, Journal of the European Economic Association, Journal of Finance, Journal of Financial Econometrics, Journal of Forecasting, Journal of International Economics, Journal of International Money and Finance, Journal of Monetary Economics, Journal of Money Credit and Banking, Journal of Policy Analysis and Management, Journal of Risk and Insurance, Journal of Time Series Analysis, Journal of Time Series Econometrics, Macroeconomic Dynamics, North American Journal of Economics and Finance, Oxford Bulletin of Economics and Statistics, Quantitative Economics, Quarterly Review of Economics and Finance, Research in Labor Economics, Review of Economics and Statistics, Review of Economic Studies, Review of Financial Econometrics, Review of Financial Studies, Rivista Internazionale di Scienze Economiche e Commerciali, Statistical Methods and Applications, Studies in Nonlinear Dynamics and Econometrics, Studies in Economics and Finance, Southern Economic Journal. Book review for Oxford University Press. NSF Grant review. ESRC Grant review. Deutsche Forschungsgemeinschaft Grant review. ERC Grant review. ECB Working Papers and Bank of England Working Paper Review. Hong Kong Research Grants Council review. IMF Staff Papers Review.

DEPARTMENT SERVICE:

Equal Opportunity Committee Member, CREI, 2017-current Econometrics Seminar Organizer, University of Pompeu Fabra, 2012-current Applied Macro Reading Group, UPF 2015-current Tutor, COFUND project, UPF 2015 PhD Admissions Committee, UPF, 2015 Econometrics Recruiting Committee, UPF, 2013-2014, 2014-2015, 2017-2018 Committee member for Mid-Career Evaluation, UPF, 2013-2014, 2017-2018. Serra Húnter Programme, Committee Member, UPF, 2013-2014. Member of the Committee for the Reform of the PhD Track, UPF, 2013-2014.

Director of Graduate Studies, Duke University, 2009-2011.

Empirical Macro Study Group (with Craig Burnside).

Exam committee member: International Macro Field Exam Committee, Macroeconomic Qualifiers Committee, Econometrics Field Exam Committee.

Member of the Committee for Reforming the Core Undergraduate Education (Macroeconomics).

Ph.D. Students Admissions Committee member (2001, 2002, 2003, 2005, 2006, 2007).

Ph.D. Theses Committee member. At Duke University: Varouj Khatchatrian (private consulting), Maxym Dedov (private consulting), Alessandro Palandri (University of Copenhagen), Anna Kozlovskaya (Southern Methodist University), AnaMaria Piesachon (Stanford University), Roberto Pancrazi (U. of Toulouse, now Warwick), Sarah Zubairy (Bank of Canada, now Texas A&M, defense date: April 1, 2010, thesis title: "Explaining the Effects of Fiscal Shocks"), Tatevik Sekhposyan (student at UNC Chapel Hill, first job at Bank of Canada, now at Texas A&M, was awarded the Linda Dykstra distinguished dissertation award), Jeremy Chiu (Bank of England), Hernan Seoane (Carlos III, Madrid), Michiru Sakane (Sophia U.), Angelo Marsiglia Fasolo (Central Bank of Brazil), Alexandra Tabova (Federal Reserve Board), Chun-Hung Kuo (student at NC State), Marcelo Ochoa (Federal Reserve Board), Xu Han (student at NC State), Emily Anderson (private consulting), Jonas Arias (Federal Reserve Board). At University of Pompeu Fabra: Pietro Dallari (IMF), Gergely Ganics (Bank of Spain, was awarded the UniCredit & Universities Foundation best economics job market paper award), Florens Odendahl (Bank of France), Donghai Zhang (Univ. of Bonn), Luca Rossi (Bank of Italy), Christian Hoynck (in progress), Matthieu Soupre (in progress), Yiru Wang (in progress), Lukas Hoesch (in progress).

Master Thesis Committee member: Marco Rossi (now at Penn State), Michael O'Grady (now at Trinity College Dublin).

M.A. students (Ph.D. admissions in parentheses): Rubi Sugana, Dan Taylor (Stanford GSB), Nujin Prasertsom (Duke U.), Tae-Bong Kim (Duke U.), Sarah Wei Jia (Wharton, U. of Pennsylvania), Chen Ying Yang (U. Wisconsin-Madison), Kutilda Khunwisetphong, CY Lee (Duke U.), Lei Shao (U. of Texas-Austin), Zhongjin Lu (Columbia U.), Sanghyo Kim, Ioannis Spyridopoulos (Oxford), Zixia Ma (Iowa State), Richard Brady (UCSD), Yang Yu (Duke), Barik Bathaluddin, Edward Watts (Stanford GSB).

PRESS/SPEECHES CITATIONS:

"Turns Out People Are Different, Say Economists", *Bloomberg Businessweek* October 23, 2013, <u>http://www.businessweek.com/articles/2013-10-23/turns-out-people-are-different-say-economists</u>

"Monetary policy and wealth management in a small petroleum economy", Governor Øystein Olsen, Norges Bank, Speech at Harvard Kennedy School, 9 April 2013.

"Economists Query Whether Euro Zone Has Emerged From Recession", *The Wall Street Journal*, <u>http://online.wsj.com/articles/euro-zone-wages-slow-job-openings-rise-1402995829</u> and <u>http://blogs.wsj.com/brussels/2014/06/17/euro-zone-economy-may-still-be-in-recession-think-tank/</u>

"Europe May Be in a Recession (Still)", "In the Euro Zone, Recession Is Not Quite Over, Economists Say", and "Second-Guessing the Recovery", *The New York Times*, June 18, 2014 <u>http://www.nytimes.com/2014/06/19/upshot/europe-may-be-in-a-recession-still.html? r=0</u> "Eurozone Mired in Recession Pause", *Economistsview*, <u>http://economistsview.</u> typepad.com/economistsview/2014/06/eurozone-mired-in-recession-pause.html

OUTREACH ACTIVITIES:

Mentor, MEG Mentoring Workshop, Texas A&M, October 2017.
Mentor, JWEN Mentoring Workshop, Hokkaido University, Japan, June 2017.
Organizer, Mentoring session for mid-career women at the 2016 ESEM Meetings.
Mentor, JWEN Mentoring Workshop, Hitotsubashi University, Tokyo, May 2015.
Mentor, CSWEP Meeting, American Economic Association 2012.
"Forecasting in Economics", Bojos for Economics (=Crazy for Economics), CREI.

Presentation for high-school students, 2014, 2015, 2017.