# Thomas A. Lubik

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Google Scholar Page

## Employment

- Senior Advisor, Research Department, Federal Reserve Bank of Richmond, 05/17 –
- Group Vice President, Microeconomics and Research Communications, Research Department, Federal Reserve Bank of Richmond, 04/15 – 04/17
- Group Vice President, Macroeconomics and Financial Economics, Research Department, Federal Reserve Bank of Richmond, 09/12 – 03/15
- Senior Economist and Research Advisor, Research Department, Federal Reserve Bank of Richmond, 01/11 – 08/12
- Senior Economist, Research Department, Federal Reserve Bank of Richmond, 07/06 - 12/10
- Assistant Professor, Department of Economics, Johns Hopkins University, 07/99-06/06

## Research Interests

Monetary Policy, Search and Matching, Indeterminacy, Open Economy Macroeconomics, Bayesian Estimation

## Professional Activities

President, Society for Computational Economics, 2018-2020

Editorships
- Editor-in-Chief, *Journal of Economic Dynamics and Control*, since 2016
- Co-Editor, *Journal of Economic Dynamics and Control*, 2014-2016
- Associate Editor, *Journal of Economic Dynamics and Control*, 2004-2014
- Associate Editor, *Journal of Money, Credit, and Banking*, 2010-2016

Affiliations
- Member, Geldpolitischer Ausschuss, Verein fur Socialpolitik, 2023 -
- Member, Advisory Council, Society for Computational Economics, 2015-
- Fellow, European Area Business Cycle Network, 2004-
- Fellow, CAMA, Australian National University, 2007-
- Fellow, Center for Finance and Credit Markets, University of Nottingham, 2009-

Visiting Scholar
- Visiting Professor, University of Adelaide, March 2011 – February 2020

- Visiting Professor, University of Virginia, Spring 2011, Spring 2012, Spring 2013, Spring 2014
- Visiting Professor, City University of Hong Kong, March 2010, March 2014
- Geoffrey Harcourt Visiting Professor of Economics, University of Adelaide, Fall 2009
- Johns Hopkins University, 2006-2007
- Deutsche Bundesbank, September 2005, March 2006, November 2006
- Reserve Bank of New Zealand, July-August 2005, June 2006, September 2010, May 2016
- Bank of England, May 2005, August 2005
- Federal Reserve Bank of Atlanta, August 2004, October 2005
- Tilburg University, July 2004
- IMF, May 2003
- Federal Reserve Bank of Minneapolis, October 2001
- Institute for Advanced Study, University of Bologna, 2001

## Education

- *Yale University*, Ph.D. (2000), M.Phil. (1998), M.A. (1996). Dissertation Advisor: Christopher A. Sims
- *Eberhard-Karls Universität Tübingen*, Germany: Diplom-Volkswirt (1994)
- *University of Birmingham*, United Kingdom, (1991-1992)

## Publications: Peer-Reviewed Journals

[1] "Computing Sunspot Equilibria in Linear Rational Expectations Models" (with Frank Schorfheide). *Journal of Economic Dynamics and Contro*l, 2003, 28(2), pp. 273-285.

[2] "Testing for Indeterminacy: An Application to U.S. Monetary Policy" (with Frank Schorfheide). *American Economic Review*, 2004, 94(1), pp. 190-217.

[3] "The Cyclical Upgrading of Labor and On-the-Job Search" (with Michael Krause). *Labour Economics*, 2006, 13(4), pp. 459-477.

[4] "A Simple, Structural, and Empirical Model of the Antipodean Transmission Mechanism". *New Zealand Economic Papers*, 2006, 40(2), pp. 91-126.

[5] "An Inventory of Simple Monetary Policy Rules in a New Keynesian Macroeconomic Model" (with Massimiliano Marzo). *International Review of Economics & Finance*, 2007, 16(1), pp. 15-36.

[6] "The (Ir)relevance of Real Wage Rigidity in the New Keynesian Model with Search Frictions" (with Michael Krause). *Journal of Monetary Economics*, 2007, 54(3), pp. 706-727.

[7] "Do Central Banks Respond to Exchange Rate Movements? A Structural Investigation" (with Frank Schorfheide). *Journal of Monetary Economics*, 2007, 54(4), pp. 1069-1087.

[8] "Inflation Dynamics with Search Frictions: A Structural Econometric Analysis" (with Michael Krause and David Lopez-Salido). *Journal of Monetary Economics*, 2008, 55, pp. 892-916.

[9] "Do Search Frictions Matter for Inflation Dynamics?" (with Michael Krause and David Lopez-Salido). *European Economic Review*, 2008, 52, pp. 1464-1479.

[10] "The Lucas Critique and the Stability of Empirical Models" (with Paolo Surico). *Journal of Applied Econometrics*, 2010, 25, pp.177-194.

[11] "Inventories, Inflation Dynamics, and the New Keynesian Phillips Curve" (with Wing Leong Teo). *European Economic Review*, 2012, 56, pp.327-346.

[12] "Aggregate Labor Market Dynamics in Hong Kong". *Pacific Economic Review*, 2012, 17(2), pp. 257-279.

[13] "Deep Habits in the New Keynesian Phillips Curve" (with Wing Leong Teo). *Journal of Money, Credit and Banking*, 2014, 46(1), pp. 79-114.

[14] "Sales, Inventories, and Real Interest Rates: A Century of Stylized Facts" (with Luca Benati). *Journal of Applied Econometrics*, 2014, 29, pp. 1210-1222.

[15] "What Inventory Behavior Tells Us About How Business Cycles Have Changed" (with Pierre-Daniel Sarte and Felipe Schwartzman). *Journal of Monetary Economics*, 2015, 76(6), pp. 264-283.

[16] "Indeterminacy and Learning: An Analysis of Monetary Policy in the Great Inflation" (with Christian Matthes). *Journal of Monetary Economics*, 2016, 82, pp. 85-106.

[17] "Real Rates and Consumption Smoothing in a Low Interest Rate Environment: The Case of Japan" (with Jon Lecznar). *Pacific Economic Review*, 2018, 23, pp. 685-704.

[18] "Global Dynamics in a Search and Matching Model of the Labor Market" (with Nika Lazaryan). *Economic Theory*, 2019, 68, pp. 461-497.

[19] "Forecasting the COVID-19 Epidemic: The Case of New Zealand" (with Paul Ho and Christian Matthes), *New Zealand Economic Papers*, 2022, 56, pp. 9-16.

[20] "Is There News in Inventories?" (with Christoph Gortz and Christopher Gunn), *Journal of Monetary Economics*, 2022, 126, pp. 87-104.

[21] "How to Go Viral: A COVID-19 Model with Endogenously Time-Varying Parameters" (with Paul Ho and Christian Matthes), *Journal of Econometrics*, 2023, 232, pp. 70-86.

[22] "Indeterminacy and Imperfect information" (with Christian Matthes and Elmar Mertens), *Review of Economic Dynamics*, 2023, 49, pp. 37-57.

[23] "What Drives Inventory Accumulation? News on Rates of Return and Marginal Costs" (with Christoph Gortz and Christopher Gunn), forthcoming, *Journal of Money, Credit and Banking*.

## Publications: Book Chapters, Comments, and Editorials

[1] "A Bayesian Look at New Open Economy Macroeconomics" (with Frank Schorfheide). *NBER Macroeconomics Annual*, 2005, pp. 313-366.

[2] "Testing for Indeterminacy: An Application to U.S. Monetary Policy: Reply" (with Frank Schorfheide). *American Economic Review*, 2007, 97(1), pp. 530-533.

[3] "Dynamic Stochastic General Equilibrium Modelling and the Study of Asia-Pacific Economies" (with Charles Ka Yui Leung). *Pacific Economic Review*, 2012, 17(2), pp. 204-207.

[4] "The Time-Varying Beveridge Curve" (with Luca Benati). In: *Advances in Non-Linear Economic Modeling: Theory and Applications*. Springer Series Monograph: Dynamic Modeling and Econometrics in Economics and Finance 17, 2014, pp. 167-204.

[5] "Modeling Labor Markets in Macroeconomics: Search and Matching" (with Michael Krause). In: *Models of Labor Markets*. Edited by Bruce Kaufmann. Stanford University Press. Forthcoming.

## Publications: Federal Reserve

Federal Reserve Bank of Richmond Economic Quarterly

[1] "Non-Stationarity and Instability in Small Open Economy Models Even When They Are 'Closed'". *Federal Reserve Bank of Richmond Economic Quarterly*, 2007, 93(4), pp. 393-412.

[2] "Estimating a Search and Matching Model of the Aggregate Labor Market". *Federal Reserve Bank of Richmond Economic Quarterly*, 2009, 95(2), pp.101-120.

[3] "Inventories and Optimal Monetary Policy" (with Wing Leong Teo). *Federal Reserve Bank of Richmond Economic Quarterly*, 2009, 95(4), pp.357-382.

[4] "Instability and Indeterminacy in a Simple Search and Matching Model" (with Michael Krause). *Federal Reserve Bank of Richmond Economic Quarterly*, 2010, 96(3), pp.259-272.

[5] "Accounting for the Non-Employment of U.S. Men, 1968-2010'' (with Marianna Kudlyak and Jonathan Tompkins). *Federal Reserve Bank of Richmond Economic Quarterly*, 2011, 97(4), pp. 359-387.

[6] "Exchange Rate Volatility in a Simple Model of Firm Entry and FDI" (with Katheryn N. Russ). *Federal Reserve Bank of Richmond Economic Quarterly*, 2012, 98(1), pp.51-76.

[7] "Does Intra-Firm Bargaining Matter for Business Cycle Dynamics?" (with Michael U. Krause). *Federal Reserve Bank of Richmond Economic Quarterly*, 2013, 99(3), pp. 229-250.

[8] "The Rise in Long-Term Unemployment: Potential Causes and Implications" (with Andreas Hornstein). *Federal Reserve Bank of Richmond Economic Quarterly*, 2015, 101(2), pp. 125-149.

[9] "Time-Varying Parameter Vector Autoregressions: Specification, Estimation, and an Application" (with Christian Matthes). *Federal Reserve Bank of Richmond Economic Quarterly*, 2015, 101(4), pp. 323-352.

[10] "How Large Are Returns to Scale in the U.S.? A View Across the Boundary". *Federal Reserve Bank of Richmond Economic Quarterly*, 2016, 102(1), pp. 79-103.

[11] "Beveridge Curve Shifts and Time-Varying Parameter VARs" (with Christian Matthes and Andrew Owens). *Federal Reserve Bank of Richmond Economic Quarterly*, 2016, 102(3), pp. 197-223.

[12] "How Likely Is the Zero Lower Bound? (with Christian Matthes), *Federal Reserve Bank of Richmond Economic Quarterly*, 2019, First Quarter.

Federal Reserve Bank of Richmond Economic Brief

[1] "Is the Output Gap a Faulty Gauge for Monetary Policy?" (with Stephen Slivinski). *Federal Reserve Bank of Richmond Economic Brief*, 2010, 10-01.

[2] "Monetary Policy with Unknown Natural Rates" (with Jessie Romero). *Federal Reserve Bank of Richmond Economic Brief*, 2011, 11-07.

[3] "Potential Causes and Implications of the Rise in Long-Term Unemployment" (with Andreas Hornstein and Jessie Romero). *Federal Reserve Bank of Richmond Economic Brief*, 2011, 11-09.

[4] "TARGET2: Symptom, Not Cause, of Eurozone Woes" (with Karl Rhodes). *Federal Reserve Bank of Richmond Economic Brief*, 2012, 12-08.

[5] "Is Fiscal Austerity Good for the Economy?" (with Renee Haltom). *Federal Reserve Bank of Richmond Economic Brief*, 2013, 13-09.

[6] "Putting the Beveridge Curve Back to Work" (with Karl Rodes). *Federal Reserve Bank of Richmond Economic Brief*, 2014, 14-09.

[7] "How Should the Fed Interpret Slow Wage Growth?" (with Marianna Kudlyak and Karl Rhodes). *Federal Reserve Bank of Richmond Economic Brief*, 2015, 15-02.

[8] "Calculating the Natural Rate of Interest: A Comparison of Two Alternative Approaches" (with Christian Matthes). *Federal Reserve Bank of Richmond Economic Brief*, 2015, 15-10.

[9] "Using Inventories to Help Explain Post-1984 Business Cycles" (with Karl Rhodes, Pierre-Daniel Sarte, and Felipe Schwartzman). *Federal Reserve Bank of Richmond Economic Brief*, 2016, 16-06.

[10] "The Burns Disinflation of 1974" (with Christian Matthes and Tim Sablik). *Federal Reserve Bank of Richmond Economic Brief*, 2016, 16-11.

[11] "Should We Worry about Trade Imbalances?" (with Tim Sablik). *Federal Reserve Bank of Richmond Economic Brief*, 2017, 17-10.

[12] "How Likely Is a Return to the Zero Lower Bound?" (with Christian Matthes and David Price). *Federal Reserve Bank of Richmond Economic Brief*, 2018, 18-09.

[13] "Moving Macroeconomic Analysis beyond Business Cycles" (with Renee Haltom, Christian Matthes and Fabio Verona). *Federal Reserve Bank of Richmond Economic Brief*, 2019, 19-04.

[14] "A Closer Look at Japan's Rising Consumption Tax" (with Karl Rhodes). *Federal Reserve Bank of Richmond Economic Brief*, 2019, 19-10.

[15] "Public and Private Debt after the Pandemic and Policy Normalization" (with Felipe Schwartzman). *Federal Reserve Bank of Richmond Economic Brief*, 2020, 20-06.

[16] "COVID-19 over Time and across States: Predictions from a Statistical Model" (with Paul Ho and Christian Matthes). *Federal Reserve Bank of Richmond Economic Brief*, 2020, 20-10.

[17] "Seek and Ye Shall Not Find: The Absence of Hysteresis in U.S. Macroeconomic Data" (with Luca Benati). *Federal Reserve Bank of Richmond Economic Brief*, 2021, 21-04.

[18] "MMT and Government Finance: You Can't Always Get What You Want" (with Michael Krause and Karl Rhodes). *Federal Reserve Bank of Richmond Economic Brief*, 2021, 21-12.

[19] "Revisiting the Beveridge Curve: Why Has It Shifted so Dramatically?" *Federal Reserve Bank of Richmond Economic Brief*, 2021, 21-36.

[20] "How Expectations About Future Productivity Drive Inventories" (with Christoph Gortz and Christopher Gunn). *Federal Reserve Bank of Richmond Economic Brief*, 2022, 22-03.

[21] "Analyzing Fiscal Policy Matters More Than Ever: The Fiscal Theory of the Price Level and Inflation". *Federal Reserve Bank of Richmond Economic Brief*, 2022, 22-39.

[22] "The Stars Our Destination: An Update for Our R* Model". *Federal Reserve Bank of Richmond Economic Brief*, 2023, 23-32.

## Working Papers

Revise and Resubmit

- "Averaging Impulse Responses Using Prediction Pools" (with Paul Ho and Christian Matthes)

Completed

- "Impulse Response Analysis at the Zero Lower Bound" (with Luca Benati)
- "Searching for Hysteresis" (with Luca Benati)

Older Papers

- "On-the-Job Search and the Cyclical Dynamics of the Labor Market" (with Michael Krause). Federal Reserve Bank of Richmond WP #10-12.
- "Do World Shocks Drive Domestic Business Cycles? Some Evidence from Structural Estimation" (with Wing Leong Teo). Johns Hopkins University Department of Economics WP#522.
- "Industrial Structure and Monetary Policy in a Small Open Economy". Johns Hopkins University Department of Economics WP#493.
- "Investment Spending, Equilibrium Indeterminacy, and the Interactions of Monetary and Fiscal Policy". Johns Hopkins University Department of Economics WP#490.

## Work in Progress

- "Medium-Term Business Cycles" (with Christoph Gortz and Christian Matthes)
- "Interest Rate Bounds and Public Debt Management" (with Massimiliano Marzo)
- "Split Personalities: The Changing Nature of Technology Shocks" (with Christoph Gortz and Christopher Gunn)

## Invited Seminar and Conference Presentations

- **2023**: NBER-NSF Time Series Conference (Montreal).
- **2022**: Pennsylvania State University. King's College (London), Norges Bank, Verein fur Socialpolitik
- **2018**: College of William & Mary, University of Auckland, University of Otago, Society for Computational Economics-ASSA Session (Philadelphia)
- **2017**: University of Helsinki, Bank of Finland, Federal Reserve Bank of Dallas, LAEF UC Santa Barbara
- **2016**: Reserve Bank of New Zealand (2), Tufts University, De Nederlandse Bank, University of Adelaide, Korean Economic Association
- **2015**: University of Cologne
- **2014**: Drexel University, Georgia State University, North Carolina State University, European Central Bank, University of Glasgow, University of Birmingham Monetary-Macro Conference (Keynote), Hong Kong Monetary Authority, University of Hong Kong.
- **2013**: Warwick Business School, Bank of England, Warwick University, Oxford University, UC Davis, Federal Reserve Bank of San Francisco, International Society for Inventory Research – ASSA Session (San Diego)
- **2012**: Paris School of Economics, Applied Time Series Econometrics Workshop (Fed St. Louis), University of Macau, Hong Kong University of Science and Technology, City University of Hong Kong (2).
- **2011**: Federal Reserve Bank of Kansas City, University of Virginia, SUNY Buffalo, University of Nuremberg, University of Munich.
- **2010**: Hungarian National Bank, Bank of England (2), University of Auckland, Reserve Bank of New Zealand (2), Singapore Management University, Federal Reserve Bank of

St. Louis, University of Texas, Taipei Conference on DSGE Modeling and Monetary Policy.

- **2009**: Australian National University, University of Sydney, Australian Conference of Economists, Singapore Management University, University of Melbourne, University of Adelaide, Bank of England, Bank of England Selected Economists Research Forum, Nottingham University, Kiel Institute for the World Economy Conference on "The Labor Market and the Business Cycle", Kiel University.
- **2008**: City University of Hong Kong, National Taiwan University (2), Bank of Canada, Brown University, Carleton University.
- **2007**: Federal Reserve Bank of Dallas, University of Montreal, Norges Bank, University of New South Wales, University of Sydney, LaTrobe University, Reserve Bank of Australia, Plenary Speaker WMD at University of Adelaide
- **2006**: Federal Reserve System Macro Conference, University of Bern, Ohio State University, Federal Reserve Bank of Cleveland Conference on Empirical Methods and Applications for DSGE Models, RBNZ Conference on "Macroeconometrics and Model Uncertainty", Reserve Bank of New Zealand, Southern Methodist University, Federal Reserve Bank of San Francisco, Board of Governors, Federal Reserve Bank of Richmond.
- **2005**: UC Irvine, Federal Reserve Bank of Kansas City, Federal Reserve Bank of New York, Rutgers University, Emory University, Deutsche Bundesbank, Reserve Bank of New Zealand (3), University of Canterbury, European Central Bank, Bank of England, Federal Reserve Bank of Philadelphia, Federal Reserve Bank of San Francisco, UC Davis, Johns Hopkins University, Georgetown University, SUNY Buffalo.
- **2004**: Cornell University, Southern Economic Association Meeting, Federal Reserve Bank of Atlanta (2), Federal Reserve Bank of Chicago.
- **2003**: Bocconi University, European Central Bank, Royal Holloway College, Bank of England, Cambridge University, Bank of Canada, CIRPEE Conference on Labor Market Dynamics, Federal Reserve Bank of Atlanta, Board of Governors, IMF, Indiana University.
- **2002**: NBER Summer Institute, Tilburg University, Johns Hopkins University, West Virginia University.
- **2001**: Federal Reserve Bank of Minneapolis, Bologna Institute for Advanced Study, Bank of England, University of Bologna, University of Brescia, Johns Hopkins University.
- **1999**: Federal Reserve Board of Governors, Johns Hopkins University, INSEAD, George Washington University, Washington University, University of Oregon, Boston College, Amherst College.
- **1998**: Yale University, University of Tübingen.

## Conferences

- **2023**: Society for Computational Economics Meeting (Nice), Society for Economic Measurement (Milan)
- **2022**: DSGE-NBER Meeting (Dallas), Society for Computational Economics Meeting (Dallas).
- **2018**: Society for Computational Economics Meeting (Milan)
- **2017**: Symposium for Nonlinear Dynamics and Econometrics (Paris), Society for Computational Economics Meeting (New York), Society of Economic Measurement Meeting (Cambridge)
- **2016**: Society for Computational Economics Meeting (Bordeaux)
- **2015**: Symposium for Nonlinear Dynamics and Econometrics (Oslo), Society for Computational Economics Meeting (Taipei), International Society for Applied Econometrics (Thessaloniki), Society for Economic Measurement (Paris)
- **2014**: International Society for Applied Econometrics (London), Society for Computational Economics Meeting (Oslo)

- **2013**: Society for Economic Dynamics (Seoul)
- **2012**: MidWest Macro Conference (Boulder, CO), Federal Reserve System Macro Conference (Atlanta), Society for Computational Economics Meeting (Prague)
- **2011**: Society for Computational Economics Meeting (San Francisco)
- **2010**: International Conference on Macroeconomics and Monetary Policy, City University of Hong Kong. Society for Computational Economics Meeting (London, UK)
- **2009**: Econometric Society Summer Meeting (Boston), Canadian Economic Association Meeting (Toronto), American Economic Association Meeting (San Francisco).
- **2008**: Society for Computational Economics Meeting (Paris, France), Canadian Economic Association Meeting (Vancouver), Federal Reserve System Macro Conference (Dallas)
- **2007**: European Association of Labor Economics (Oslo)
- **2005**: Econometric Society World Congress (London), Society for Computational Economics Meeting (Washington, DC), Society of Labor Economics World Congress (San Francisco).
- **2004**: Society for Computational Economics Meeting (Amsterdam), Econometric Society Summer Meeting (Providence).
- **2003**: Society for Computational Economics Meeting (Seattle), Society for Economic Dynamics Meeting (Paris), Canadian Economic Association Meeting (Ottawa), American Economic Association Meeting (Washington, DC)
- **2002**: Society for Computational Economics Meeting (Aix-en-Provence), Econometric Society Summer Meeting, Canadian Economic Association Meeting (Calgary)
- **2001**: Money, Macro, Finance Research Group Conference (Belfast), Econometric Society Summer Meeting, Midwest Economic Association Meeting (Cleveland)
- **2000**: Southeastern Theory and International Conference (Houston), Midwest Economic Association Meeting (Chicago).

## Discussions

- 2023 American Economic Association Meetings: "*The Unattractiveness of Indeterminate Dynamic Equilibria*, New Orleans, January 6-9, 2023, by Julian Ashwin, Paul Beaudry, and Martin Ellison.

- 2014 American Economic Association Meetings: "*Testing Alternative Price-Setting Behavior in the New Keynesian Phillips Curve: Extrapolative Price-Setting Mechanisms*", Philadelphia, January 2-5, 2014, by Sunghyun Kim.
- 2011 Bank of Korea Research Conference "Future of the International Financial Architecture", Seoul, South Korea, May 26-27, 2011. "*Financial Integration and Capital Account Re-regulation: An Emerging Market Perspective*".
- 2011 American Economic Association Meetings: "*Inventories in Motion: A New Approach to Inventories over the Business Cycle*" by Michael McMahon.
- 2009 Reserve Bank of New Zealand Conference on "20 Years of Inflation Targeting", Wellington, NZ, December 17-18, 2009. "*Inflation and Unemployment Gaps in U.S. Business Cycles*" by Nicolas Groshenny (RBNZ).
- 2009 Canadian Economic Association Meetings, Toronto, June28-31, 2009. "*How Foreign Shocks Affect the Canadian Economy: A Factor-Augmented VAR Approach*" by Phillip Maier.
- 2009 "Monetary-Fiscal Policy Interactions, Expectations, and Dynamics in the Current Economic Crisis" at Princeton University, May 22-23, 2009. "*Some Fiscal Calculus*" by Harald Uhlig.
- 2009 Federal Reserve Bank of Atlanta Conference "Quantitative Approaches to Monetary Policy in Open Economies" May 15-16, 2009. "*Communicating Monetary Policy Intentions: The Case of Norges Bank*".
- 2009 Federal Reserve System Conference: "*Evaluating Interest Rate Rules in an Estimated DSGE Model*" by V. Curdia, A. Ferrero, and A. Tambalotti.

- 2008 Canadian Economic Association Meeting: *"Do Central Banks Respond to Exchange Rate Movements?"* by W. Dong.
- 2008 American Economic Association Meetings: "*Optimal Fiscal and Monetary Policy with Costly Wage Bargaining*" by D. Arseneau and S. Chugh.
- 2007 Canadian Macroeconomic Study Group: "*A Model of Vehicle Currencies*" by S. Shi and M. Devereux.
- 2007 Bundesbank Spring Conference: "*Financial Innovation and Macroeconomic Volatility*" by U. Jermann and V. Quadrini.
- 2006 Federal Reserve System Conference: "*Closing Open Economy Models*" by M. Bodenstein.
- 2006 Bank of England Special Session at the Royal Economic Society Annual Conference: "*On the Sources of Macroeconomic Stability: Good Luck or Good Policy*" Papers by L. Benati, F. Canova, and G. Primiceri.
- 2006 San Francisco Fed Conference on Labor Markets and the Macroeconomy: "*Cyclical Wages in a Search and Bargaining Model with Large Firms*" by J. Rotemberg.
- 2005 Cleveland Fed Conference on Empirical Methods and Applications for DSGE Models: "*Can Structural Small Open Economy Models Account for the Influence of Foreign Shocks?*" by A. Justiniano and B. Preston.
- 2005 American Economic Association Meetings: "*On the Indeterminacy of New Keynesian Economics*" by A. Beyer and R. Farmer.
- 2004 JHU-Maryland Day: "*Dynamics of Labor Demand: Evidence from Plant-Level Observations and Aggregate Implications*" by R. Cooper, J. Haltiwanger and J. Willis.
- 2003 Canadian Economic Association Meeting: "*Identifying the New Keynesian Phillips Curve*" by J. Nason and G. Smith.

## Professional Service

Referee

American Economic Review, American Economic Journal: Macroeconomics, American Economic Journal: Economic Policy, Bank of England, B.E. Journal of Macroeconomics, Canadian Journal of Economics, Econometrics, Economica, Economic Inquiry, European Economic Review, International Economic Review, International Journal of Central Banking, International Review of Economics and Finance, Journal of Applied Econometrics, Journal of the European Economic Association, Journal of International Economics, Journal of Economic Dynamics and Control, Journal of Economic Theory, Journal of Money, Credit and Banking, Journal of Political Economy, Journal of Business and Economic Statistics, Journal of International Money and Finance, Journal of Monetary Economics, Labour Economics, Macroeconomic Dynamics, National Science Foundation, Pacific Economic Review, Quantitative Economics, Reserve Bank of New Zealand, Review of Economics and Statistics, Review of Economic Dynamics, Review of Economic Studies, Royal Statistical Society, Scandinavian Journal of Economics, Scottish Journal of Political Economy.

Reviewer

- Montiel, *International Macroeconomics*, Addison Wesley Longman.
- Miles and Scott, *Macroeconomics*, Addison Wesley Longman.

Member

- American Economic Association,
- Society for Computational Economics

Conferences

- Program Committee, 2023 Society of Computational Economics Conference, Milan.
- Program Committee, 2022 Society of Computational Economics Conference, Dallas.
- Program Committee, 2021 Society of Computational Economics Conference, Tokyo.
- Program Committee, 2018 Society of Computational Economics Conference, Milan.

- Program Committee, 2017 Society of Economic Measurement Meeting, Cambridge MA.
- Program Committee, 2017 Society of Computational Economics Conference, New York.
- Program Committee, 2016 Society of Computational Economics Conference, Bordeaux.
- Program Committee, 2015 Society of Computational Economics Conference, Taipei.
- Organizer, 2015 International Society for Inventory Research, Session at ASSA Meetings, Boston
- Program Committee, 2014 Society of Computational Economics Conference, Oslo.
- Organizer, 2014 Federal Reserve Bank of Richmond – IfW Kiel Joint Research Conference: "The Labor Market after the Great Recession"
- Organizer, 2013 Federal Reserve Bank of Richmond – IfW Kiel Joint Research Conference: "New Developments in the Macroeconomics of Labor Markets"
- Organizer, 2012 Federal Reserve Bank of Richmond – IfW Kiel Joint Research Conference: "New Developments in the Macroeconomics of Labor Markets"
- Organizer, 2011 Federal Reserve Bank of Richmond Research Conference: "Monetary and Fiscal Interactions: An Endogenous Policy Perspective".
- Co-Organizer, 2010 International Conference on Recent Developments on Macroeconomics and Monetary Policy, City University of Hong Kong.
- Organizer, 2006 Federal Reserve Bank of Richmond Research Conference: "Regime-Switching in Macroeconomics".
- Program Committee, 2006 Society of Computational Economics Conference, Cyprus.

## Teaching Activities

<u>Dissertation Supervision</u>

First Reader:

- Silvio Contessi (Ph.D. 2007), Placement: Federal Reserve Bank of St. Louis
- Anubha Dhasmana (Ph.D. 2007), Placement: IMF
- Yasuo Hirose (Ph.D. 2006), Placement: Bank of Japan
- Sherif Khalifa (Ph.D. 2006), Placement: California State University, Fullerton
- Eugenio Cerutti (Ph.D. 2005), Placement: IMF
- Wing Teo (Ph.D. 2005), Placement: National Taiwan University
- Katheryn Niles Russ (Ph.D. 2004), Placement: UC Davis
- Selim Elekdag (Ph.D. 2003), Placement: IMF

Second Reader:

- Johanna Francis (Ph.D. 2006), Placement: Fordham University
- Konstantin Federov (Ph.D. 2005), Placement: IMF
- Daniel Leigh (Ph.D. 2004), Placement: IMF
- Misuzu Otsuka (Ph.D. 2004), Placement: Asian Development Bank
- Gergana Danailova-Trainor (Ph.D. 2003), Placement: City College, New York
- Jacques Miniane (Ph.D., 2003), Placement: IMF
- Joseph Gruber (Ph.D., 2001), Placement: Board of Governors
- Alfredo Astorga (Ph.D., 2001), Placement: Central Bank of Ecuador

<u>Courses Taught:</u>

- Graduate Macroeconomics (City University of Hong Kong)
- Graduate Empirical Macroeconomics (Vienna Graduate School of Economics): May 2013
- Graduate Empirical Macroeconomics (University of Virginia): Spring 2013, Spring 2012
- Graduate Time Series Econometrics (University of Virginia): Spring 2011, Spring 2014
- Graduate International Macroeconomics (Johns Hopkins University)
- Graduate Mathematical Methods II (Economic Dynamics) (Johns Hopkins University)

- Undergraduate International Monetary Economics (Johns Hopkins University)

## University Service

- Macroeconomics Workshop Organizer: Fall 2000, Spring 2002, Spring 2003, Spring 2004, Spring 2005, Spring 2006
- Graduate Admissions Committee 2000-2005
- Macroeconomics Comprehensive Exam Committee

## References available upon request