

Curriculum Vitae: Robert J. Hill

March 2019

Personal Details

Surname: Hill
Given Names: Robert James
Year of Birth: 1968
Citizenship: British and Australian
Postal Address: Department of Economics
University of Graz
Universitaetsstrasse 15/F4
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Employment Record

Department of Economics, University of Graz, Austria
Professor of Macroeconomics (Since January 2008)
School of Economics, University of New South Wales, Sydney, Australia
Professor (August 2005 – December 2007)
Associate Professor (January 2002 - July 2005)
Senior Lecturer (July 1998 - December 2001)
Lecturer (July 1995 - June 1998)
(Received tenure in July 1998)

Qualifications

Ph.D. (1995), (Economics), University of British Columbia, Canada
Title of Ph.D. Dissertation: Purchasing Power Parity Methods of Making
International Comparisons
Ph.D. Supervisor: Professor Erwin Diewert
M.A. (1991), (Economics), University of British Columbia, Canada
B.A. (1990), (Economics and Econometrics), University of York, England

Fellowships/Awards/Appointments

1. Appointed to Task Force on the Review of the Conceptual Basis of the Price Adjustment System for UN Staff, United Nations (2019-20).
2. Keynote Speaker for Conference on Fifty Years of the International Comparison Program: Achievements and Moving Forward, Organized by the National Bureau of Statistics (NBS), China and the Institute of National Accounts (INA) at the Beijing Normal University, Beijing, 29-30 October, 2018.
3. Submission of evidence published by the House of Lords Select Committee on the Use of the Retail Price Index (RPI), The House of Lords, United Kingdom, September 2018.

4. Appointed to the World Bank's Task Force for PPP Compilation and Computation for the International Comparisons Program (2017-19)
5. Best Paper Award at the European Real Estate Society Annual Conference (2017)
6. Award for outstanding doctoral student supervision at University of Graz (2017)
7. Appointed to the Expert Team advising Eurostat on the treatment of Owner Occupied Housing in the Harmonized Index of Consumer Prices (2015-16)
8. Elected a Fellow of the Society for Economic Measurement (2014)
9. Appointed to UK Statistics Authority's Advisory Group to Review the Range of Prices Statistics in the UK (2013-14)
10. Appointed to Advisory Council of the Society for Economic Measurement (2013)
11. Appointed to the World Bank's Technical Advisory Group for the International Comparisons Program (2010-14)
12. Appointed to the World Bank's Computation Task Force for the International Comparisons Program (2010-14)
13. Elected a Member of the Conference on Research in Income and Wealth (CRIW) at the National Bureau of Economic Research (2010)
14. Appointed Managing Editor of the Review of Income and Wealth (2008-14)
15. Elected a Fellow of the Academy of Social Sciences in Australia (2007)
16. Academy of Social Sciences in Australia Medal (2001)
This award is made to a young academic who has achieved excellence in scholarship in the social sciences. It covers all fields in the social sciences
17. Outstanding Research Award, Faculty of Commerce and Economics, UNSW (2001)
18. Albert J. Whiteley Memorial Fellowship, UBC (1993-94)
19. University Graduate Fellowship, UBC (1991-92)

Journal Publications

1. (With D. Melsner) Residential Real Estate, Risk, Return and Home Characteristics: Evidence from Sydney 2002-2016, *Journal of Real Estate Finance and Economics*, forthcoming.
2. (With M. Scholz) Can Geospatial Data Improve House Price Indexes? A Hedonic Imputation Approach with Splines, *Review of Income and Wealth* 64(4), 2018, 737-756.
3. (With M. Scholz, C. Shimizu, and M. Steurer) An Evaluation of the Methods Used by European National Statistical Institutes to Compute their Official House Price Indices, *Economie et Statistique/Economics and Statistics* 500-502, 2018, 221-238.
4. (With P. Guevara and M. Scholz) Hedonic Indexes for Public and Private Housing in Costa Rica: Prices, Quality and Government Policy, *International Journal of Housing Markets and Analysis*, 10(1), 2017, 140-155.
5. A Least-Squares Approach to Imposing Within-Region Fixity in the International Comparisons Program, *Journal of Econometrics* 191(2), April 2016, 407-413.
6. (With I. Syed) Hedonic Price-Rent Ratios, User Cost, and Departures from Equilibrium in the Housing Market, *Regional Science and Urban Economics*, 56, January 2016, 60-72.

7. (With D. Melser) Benchmark Averaging and the Measurement of Changes in International Income Inequality, *Review of World Economics* 151(4), November 2015, 767-801.
8. (With I. Syed) Improving International Comparisons of Prices at Basic Heading Level: An Application to the Asia-Pacific Region, *Review of Income and Wealth*, 61(3), September 2015, 515-539.
9. (With D. Buncic and J. Eggins) Fund Style, Characteristic-Matched Performance Benchmarks and Activity Measures: A New Approach, *Accounting and Finance* 55(1), March 2015, 29-55.
10. (With M. Reinsdorf) The 32nd IARIW General Conference, Boston: Massachusetts, 2012: Editors' Introduction, *Review of Income and Wealth* 60 (Supplement Issue), November 2014, S277-S280.
11. Hedonic Price Indexes for Housing: A Survey, Evaluation and Taxonomy, *Journal of Economic Surveys* 27(5), December 2013, 879-914.
12. Cluster Formation, Data Validation and Outlier Detection in the International Comparisons Program: An Application to the Africa Region, *African Statistical Journal* 14, May 2012, 12-59.
13. Hedonic Price Indexes for Housing, OECD Statistics Working Papers, 2011/01, OECD Publishing.
14. (With A. Nakamura) Introduction to Special Issue on the 2008 World Congress on National Accounts and Economic Performance Measures for Nations, *Review of Income and Wealth* 56, Special Issue, June 2010, S1-S10.
15. (With J. Eggins) Momentum and Contrarian Stock-Market Indices, *Journal of Applied Finance* 20(1), 2010, 78-94.
16. (With D. Melser and I. Syed) Measuring a Boom and Bust: The Sydney Housing Market 2001-2006, *Journal of Housing Economics* 18(3), 2009, 193-205.
17. (With T. P. Hill) Recent Developments in the International Comparison of Prices and Real Output, *Macroeconomic Dynamics* 13 (supplement S2), 2009, 194-217.
18. Introduction to Themed Issue on Intangible Capital, *Review of Income and Wealth* 55(3), 2009, 658-660.
19. (With Q. Gan) Measuring Housing Affordability: Looking Beyond the Median, *Journal of Housing Economics* 18(2), 2009, 115-125.
20. (With D. Melser) Hedonic Imputation and the Price Index Problem: An Application to Housing, *Economic Inquiry* 46(4). October 2008, 593-609.
21. (With D. Melser) Methods for Constructing Spatial Cost of Living Indexes, *Statistique-Official Statistics Research Series* 1, 2007, Article 3, 1-113.
22. (With M. Timmer) Standard Errors as Weights in Multilateral Price Indexes, *Journal of Business and Economic Statistics* 24(3), July 2006, 366-377.
23. When Does Chaining Reduce the Paasche-Laspeyres Spread? An Application to Scanner Data, *Review of Income and Wealth* 52(2), June 2006, 309-329.
24. Superlative Index Numbers: Not All of Them Are Super, *Journal of Econometrics* 130(1), January 2006, 25-43.
25. Constructing Price Indexes Across Space and Time: The Case of the European Union, *American Economic Review* 94(5), December 2004, 1379-1410.

26. Monotonicity in Price Relatives: A Price-Index Paradox, *Journal of Economic and Social Measurement* 29(4), 2004, 507-520.
27. Accounting for Unexpected Capital Gains on Natural Assets in Net National Product, *Empirical Economics* 29(4), 2004, 803-824.
28. (With K. J. Fox and W. E. Diewert) Detecting Outliers in Multi-Output Models, *Journal of Productivity Analysis* 22, 2004, 73-94.
29. (With T. P. Hill) Expectations, Capital Gains and Income, *Economic Inquiry* 41(4), 2003, 607-619.
30. (With N. Kakwani) The Economic Theory of Spatial Cost of Living Indexes with Application to Thailand, *Journal of Public Economics* 86, 2002, 71-97.
31. (With E. Magnani) An Exploration of the Environmental Kuznets Curve and its Policy Implications, *Australian Economic Papers* 41(20), June 2002, 239-254.
32. Measuring Inflation and Growth using Spanning Trees, *International Economic Review* 42(1), February 2001, 167-185.
33. Constructing Bounds on Per Capita Income Differentials Across Countries, *Scandinavian Journal of Economics* 102(2), June 2000, 285-302.
34. How Best to Measure Welfare, Real Income and Output? *Review of Income and Wealth* 46(1), March 2000, 117-127.
35. Measuring Substitution Bias in International Comparisons Based on Additive Purchasing Power Parity Methods, *European Economic Review* 44, January 2000, 145-162.
36. Comparing Price Levels Across Countries using Minimum Spanning Trees, *Review of Economics and Statistics* 81(1), February 1999, 135-142.
37. (With J. S. Gans) Measuring Product Diversity, *Economics Letters* 55, August 1997, 145-150.
38. (With K. J. Fox) Splicing Index Numbers, *Journal of Business and Economic Statistics* 15(3), July 1997, 387-389.
39. Environmental Accounting, Depletion and the Measurement of Sustainable Development, *Development Bulletin* 41, April 1997, 9-11.
40. A Taxonomy of Multilateral Methods for Making International Comparisons of Prices and Quantities, *Review of Income and Wealth* 43(1), March 1997, 49-69.

Chapters in Books

41. (With M. Scholz) What Does “Location, Location, Location” Mean in the Context of House Price Indexes? Book of Proceedings of Austrian National Bank Workshop No. 19, *Are House Prices Endangering Financial Stability? If so, How Can We Counteract This?* (9-10 October 2014), M. Schneider and K. Wagner (eds.). Austrian National Bank, Vienna, 2015, Chapter 3, 16-21.
42. How Can One Tell When the Housing Market Is Out of Equilibrium? *Book of Proceedings of the 20th Annual European Real Estate Society Conference (3-6 July 2013)*, R. Martens (ed.). Vienna University of Technology: Vienna, Austria, Chapter 1, 1-10.
43. (With W. E. Diewert) Alternative Approaches to Index Number Theory, in *Price and Productivity Measurement: Volume 6 – Index Number Theory*, W. E. Diewert, B. M.

- Balk, D. Fixler, K. Fox and A. Nakamura (eds.). Trafford Publishing, Victoria, Canada, 2010, Chapter 12, 263-278.
44. Comparing Per Capita Income Levels Across Countries Using Spanning Trees: Robustness, Prior Restrictions, Hybrids and Hierarchies, in *Purchasing Power Parities of Currencies: Recent Advances in Methods and Applications*, D. S. P. Rao (ed.). Edward Elgar: Cheltenham, UK, 2009. Chapter 9, 217-244.
 45. (With H. Bateman), Constructing Mutual Fund Benchmarks: An Overview of the Issues, in *Shortchanged? Pension Fund Governance and Retirement Provision*, J. Piggott and J. Evans (eds.). Edward Elgar: Cheltenham, UK, 2008, 158-175.
 46. Inflation Measurement for Central Bankers, in *The Future of Inflation Targeting*, C. Kent and S. Guttman (eds.): The Reserve Bank of Australia, 2004, 140-160.
 47. International Comparisons using Spanning Trees, in *International and Interarea Comparisons of Prices, Income and Output*, A. Heston and R. E. Lipsey (eds.). NBER: Chicago University Press, 1999, 109-120.
 48. Purchasing Power Parities, Exchange Rates and Inequality Across Countries, in *Improving the Quality of Price Indices*, L. Biggeri (ed.): Eurostat, 1996, 293-303.

Book Reviews/Obituaries

49. Peter Hill (1929-2017): In Memoriam. *Review of Income and Wealth* 64(1), March 2018, 239-242. To be reprinted in EURONA.
50. King J. E. (ed.), "A Biographical Dictionary of Australian and New Zealand Economists," Edward Elgar 2007. *European Journal of the History of Economic Thought* 15(4), December 2008, 706-709.
51. Wills I. "Economics and the Environment: A Signalling and Incentives Approach," Allen and Unwin 1997. *Economic Record* 74(224), March 1998, 93-94.

Graduate-Level Textbook

52. (With Q. Grafton, V. Adamowicz, D. Dupont, H. Nelson and S. Renzetti) *The Economics of the Environment and Natural Resources*, Basil Blackwell, 2004, 503 pages.

Papers Under Review at Journals/Work in Progress

1. (With P. Rao, S. Shankar and R. Hajargasht) Spatial Chaining of Price Indexes in International Comparisons of Real Incomes
2. (With M. Steurer and S. Waltl) Owner Occupied Housing in the CPI and Its Impact on Monetary Policy During Housing Booms and Busts
3. (With M. Steurer) Metrics for Measuring the Performance of Machine Learning Prediction Methods: An Application to the Housing Market
4. (With N. Pfeifer and M. Steurer) How Big Is the Airbnb Rent Premium? The Case of Sydney
5. (With A. Rambaldi and M. Scholz) Higher Frequency Hedonic House Price Indices: A State-Space Approach
6. (With M. Scholz and C. Shimizu) Weekly House Price Indices with Optimal Rolling Windows and Linking Factors: An Application to Sydney and Tokyo

7. (With D. Melser, A. Rambaldi and M. Scholz) Reconciling and Updating Price Indices of Different Frequencies: An Application to the US Housing Market
8. (With J. Chen, Y. Chen, and P. Hu) Price-Rent Ratios in the Shanghai Housing Market and their Implications for Market Efficiency

Research Grants

1. (With M. Steurer, M. Scholz, and ZT datenforum): Bridge 1 Program of the Austrian Research Promotion Agency (FFG)
10991131: Price Indices and Imputed Prices for Austrian Residential Real Estate – Hedonic Models Based on Micro-Level Data
2017-2020: 457,140 Euros
2. (With M. Scholz) Austrian National Bank - Jubiläumsfondsprojekt
14947: Forecasting House Prices,
2012-13: 70,000 Euros
2013-14: 70,000 Euros
3. Consultant on National Science Foundation (NSF) Grant coordinated by R. Feenstra and A. Heston (2007-2010)
NSF0648766: *Integrating Expenditure and Production Estimates in International Comparisons*
4. Australian Research Council (ARC) Discovery Grant
DP0667209: *House Prices in Australia: A Hedonic Analysis*
2008: \$68,000
2007: \$60,000
2006: \$80,000
5. (With H. Bateman) Australian Research Council (ARC) Discovery Grant
DP0666798: *The Theory and Measurement of Stock Market Indices*
2008: \$70,000
2007: \$65,000
2006: \$75,000
6. (With K. Fox) Australian Research Council (ARC) Linkage Grant in Collaboration with the Australian Bureau of Statistics (ABS)
LP0347654: *Can Electronic Point-of-Sale (POS) Data Improve the Australian Consumer Price Index?*
Funds provided by ARC:
2005: \$35,000
2004: \$35,000
2003: \$50,000
Matching funds (including in-kind) supplied by ABS
7. (With K. Fox) Australian Research Council (ARC) Linkage Grant in Collaboration with the Australian Bureau of Statistics (ABS)
LP0347618: *Regional Comparisons of Prices, Income and Growth in Australia.*
Funds provided by ARC:
2004: \$50,000
2003: \$50,000

Matching funds (including in-kind) supplied by ABS

8. Australian Research Council (ARC) Small Grant

Measuring Income Levels and Growth Rates Across Countries: An Index Number Approach to Analyzing Panel Data Sets

2000: \$5,518

9. Faculty of Commerce and Economics, UNSW, Dean's Special Research Grants

1998: \$2,000

1997: \$2,000

1996: \$2,500

Other Scholarly and Professional Activities

1. Referee for the following journals:

Acta Oeconomica, American Economic Journal: Macroeconomics, Australian and New Zealand Journal of Statistics, Bulletin of Economic Research, Econometric Reviews, Economic Inquiry, Economic Journal, Economic Record, Economica, Empirical Economics, German Economic Review, Journal of Banks and Bank Systems, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Economic and Social Measurement, Journal of Economic Growth, Journal of Economic Inequality, Journal of Economics and Business, Journal of Environmental Economics and Management, Journal of the European Economic Association, Journal of Housing and the Built Environment, Journal of Housing Economics, Journal of Productivity Analysis, Journal of Real Estate Finance and Economics, Journal of Urban Economics, Macroeconomic Dynamics, Metroeconomica, Quarterly Journal of Economics, Quarterly Review of Economics and Finance, Regional Science and Urban Economics, Review of Economics and Statistics, Review of Income and Wealth, Statistica Neerlandica, Statistical Methods and Applications, Theoretical Economics, Urban Studies, World Development.

2. Chair of Recruitment Committee for Professorship in Applied Econometrics and Empirical Economics at University of Graz (2015-2016)

3. Chair of Recruitment Committee for Professorship in Microeconomics at University of Graz (2014-2015)

4. Chair of Recruitment Committee for Schumpeter Professorship in Innovation, Development and Growth at University of Graz (2013-2014)

5. Member of Recruitment Committee for Wegener Professorship in Climate and Environmental Economics at University of Graz (2013-14)

6. Chair of Recruitment Committee for Professorship in Applied Econometrics and Empirical Economics at University of Graz (2010-2011)

7. Member of Doctoral Curriculum Committee, Faculty of Social Science, University of Graz (since 2010)

8. Member of Masters Curriculum Committee, Department of Economics, University of Graz (since 2009)

9. Member of Recruitment Committee for Professorship in International and Monetary Economics at University of Graz (2009)

10. Chair of Habilitation Committee for Dr Birgit Bednar-Friedl, University of Graz, 2012

11. Member of Faculty Doctoral Curriculum Commission at University of Graz (since 2010)
12. Member of Faculty Masters Curriculum Commission at University of Graz (since 2009)
13. Member of Qualifications Committee for Promotion from Senior Lecturer to Associate Professor at UNSW (2006-2007)
14. Member of Recruitment Committee at AEA Meetings at UNSW (2007)
15. Member of Head of School Advisory Group at UNSW (1999-2001 and 2005-2007)
16. Postgraduate Coordinator for the School of Economics at UNSW (1999-2001). My duties included coordinating admissions of Masters and PhD students, progress reviews and advice on course selection, research topics and supervision.
17. School of Economics representative on the Higher Degree Committee of the Faculty of Commerce and Economics, UNSW (1999-2001)
18. Seminar Coordinator, School of Economics, UNSW (2004)
19. Grant assessor of international standing for the Australian Research Council (since 2002)
20. Grant assessor for Social Science and Humanities Research Council (SSHRC) in Canada (2006)
21. Grant assessor for Economic and Social Research Council in the UK (2012)
22. Manuscript reviewer for Routledge
23. Examiner of PhD theses for the following universities: Sydney University, Australian National University, La Trobe University
24. External assessor for a candidate applying for promotion at University of Tasmania
25. Research Reader for UNSW providing guidance to UNSW applicants for Australian Research Council (ARC) Discovery Grants (2006-2007)

Teaching Experience

I have taught the following courses at UNSW/University of Graz:

Microeconomic Analysis I (PhD)
 Quantitative Empirical Methods (PhD)
 Macroeconomics and Growth (Master of Economics)
 Topics in Economic Measurement (Master of Economics)
 Topics in Macroeconomics (Third Year Undergraduate)
 Financial Economics (Master of Economics)
 Environmental Economics (Master of Commerce)
 Business Economics (Master of Commerce)
 Economics of Finance (Third Year Undergraduate)
 Monetary Economics and the European Union (Third Year Undergraduate)
 Inflation and Business Cycles (Third Year Undergraduate)
 Macroeconomics: Theory and Applications (Third Year Undergraduate)
 Markets and Public Choice (Third Year Undergraduate)
 Environmental Economics (Second Year Undergraduate)
 Macroeconomics (Second Year Undergraduate)
 Microeconomics (First Year Undergraduate)
 Macroeconomics (First Year Undergraduate)

Postdoctoral Fellow Supervision

1. Daniel Buncic, Field: Stock-Market Indices (2007-9)
2. Iqbal Syed, Field: Hedonic Price Indexes (2007-9)

PhD Dissertation Supervision

Main supervisor

1. Norbert Pfeifer (in progress), Applications of Machine Learning Methods to the Housing Market.
2. Sabrina Spiegel (in progress), Automated Valuation Models of the Housing Market.
3. Stefan Trippl (in progress), Spatial Hedonic House Price and Rent Indexes for Cities in Austria.
4. Sofie Walzl (2017), Modelling Housing Markets: Issues in Economic Measurement.
5. Xiaoshan Liu (2013), Measuring House Prices and Comparing Income Levels Across Countries: Some Issues in Economic Measurement.
6. Nicolas Gerber (2007), Biodiversity Measurement, Species Interactions and Sustainability.
7. Daniel Melser (2005), The Treatment of New and Disappearing Goods and Quality Change in Consumer Price Indexes.
8. Jaekyu Lim (1997), Environment, Trade and Economic Growth: A Theoretical and Empirical Analysis with Reference to South Korea.

Co-supervisor

1. Iqbal Syed (2008), Estimation of Price Rigidity Using Scanner Data.
2. Lorraine Ivancic (2007), Scanner Data and the Measurement of Inflation.
3. Alice Shiu (2000), Regulation and Economic Measurement Issues in Economies in Transition.

Masters Thesis Supervision at University of Graz

1. David Jeuschnigger (2018), Forecasting Housing Prices employing Machine Learning Techniques.
2. Sheida Hassani (2018), Risk of financial instability as a monetary policy driver.
3. Stefan Hofbauer (2018), Improved Regression Models of House Prices Using OpenStreetMaps Data.
4. Lucia Antosova (2018), Macro Analysis of Housing Markets: Comparison of Bratislava and Vienna
5. Robert Oberhumer (2018), Global and Domestic Drivers of Ireland's Boom-Bust Cycle.
6. Cornelia Woller (2017), Secular Stagnation in a European context.
7. Norbert Pfeifer (2017), Challenges for Macroeconomic Modelling: An Investigation of the Progress of DSGE Models.
8. Sandra Janekalne (2017), Beta and Sigma Convergence in the European Union..
9. Tanja Roschitz (2016), Corporate Taxes, Intangible Assets and their Influence on a Multinational's Location Choice.

10. Corinna Blasch (2016), Central Banks and Asset-Price Bubbles: The Lean versus Clean Debate.
11. Larrissa Guesser (2016), Does One Size Fit All? Interest Rates in the Eurozone
12. Christina Gobin (2015), Economic and Political Institutions as Determinants of National Income Inequality.
13. Stefan Holl (2015), On US Cross-Border Return Differentials and the Return on Unrecorded Portfolio Assets.
14. Florian Kohlfuerst (2014), Leaning Against the Wind in the Housing Market: A Taylor Rule-Based Approach.

BEC (Hons) Thesis Supervision at UNSW

1. Bryan Reid (2007), "A Hedonic Price Index for Sydney: 2003-2007," First Class Honours and prize for best thesis from the Economic Society of NSW.
2. Carol Lee (2007), "Modelling Variations in Crime Rates Across Regions," Upper Second Class Honours.
3. John Eggins (2006), "Topics in Fund Manager Performance Evaluation," First Class Honours.
4. Robert Wallner (2004), "The Impact of Depletion of Non-Renewable Natural Resources on Australia's Net National Product," Upper Second Class Honours.
5. Nigel Firth (2002) "Measuring Portfolio Performance Using Index Numbers," First Class Honours.
6. Rebecca Gough (2000), "An Institutional Analysis of Economies in Transition," First Class Honours.
7. Nick McLachlan (1999), "Deregulation of the Australian Telecommunications Industry," Upper Second Class Honours.

Conference Presentations

1. Owner Occupied Housing in the CPI and Its Impact on Monetary Policy During Housing Booms and Busts, International Conference on Real Estate Statistics, Eurostat, Luxembourg, February 2019.
2. Spatial Chaining in International Comparisons: Past, Present and Future, Keynote address at Conference on Fifty Years of the International Comparisons Program: Achievements and Moving Forward, Beijing Normal University/Chinese National Statistical Bureau, Beijing, October 2018.
3. Checking for Substitution Bias in the CPD Method, Meeting of the ICP Task Force on PPP Compilation/Computation, World Bank, Washington DC, September 2018.
4. Owner Occupied Housing in the CPI and Its Impact on Monetary Policy During Housing Booms and Busts, Keynote address at the Swansea Workshop on Prices and Nowcasting, Swansea, September 2018.
5. Reconciling Price Indices in Temporal Hierarchies, General Conference of the International Association for Research on Income and Wealth, Copenhagen, August 2018.

6. An Evaluation of the Methods Used by European National Statistical Institutes to Compute their Official House Price Indices, European Real Estate Society Annual Conference, Reading, June 2018.
7. Linking Regions at Basic Heading Level in the International Comparisons Program, PPP/ICP Conference 2018, Georgetown University, Washington DC, May 2018.
8. Owner Occupied Housing in the CPI and Its Impact on Monetary Policy During Housing Booms and Busts, Economics Statistics Centre of Excellence Conference on Economic Measurement 2018, Bank of England, London, May 2018.
9. Linking Regions at Basic Heading Level in the International Comparisons Program, Meeting of the ICP Task Force on PPP Compilation/Computation, World Bank, Washington DC, March 2018.
10. Weekly Hedonic House Price Indices and the Rolling Time Dummy Method: An Application to Sydney and Tokyo, Hitotsubashi-RIETI International Workshop on Real Estate and the Macro Economy, Tokyo, December 2017.
11. Fine Tuning Global Linking Procedures, Meeting of the ICP Task Force on PPP Compilation/Computation, World Bank, Washington DC, October 2017.
12. Spatial Chaining of Price Indexes in International Comparisons of Real Incomes, Society for Economic Measurement Conference at MIT, Boston, July 2017.
13. Owner Occupied Housing in the CPI: Making the User Cost Approach Work and Why It Matters, the GGDC 25th Anniversary Conference, Groningen, June 2017.
14. Spatial Chaining of Price Indexes in International Comparisons of Real Incomes, Conference on International Comparisons of Income, Prices and Production, Princeton University, May 2017.
15. An Evaluation of the Methods Used by European National Statistical Institutes to Compute their Official House Price Indices, Ottawa Group Meeting in Eltville am Rhein, Deutsche Bundesbank, May 2017.
16. Weekly Hedonic House Price Indices and the Rolling Time Dummy Method: An Application to Sydney and Tokyo, Hitotsubashi-RIETI International Workshop on Real Estate Market, Productivity, and Prices, Tokyo, October 2016.
17. Can Geospatial Data Improve House Price Indexes? A Hedonic Imputation Approach with Splines, 23rd European Real Estate Society Annual Conference, Regensburg, Germany, June 2016.
18. The Treatment of Owner Occupied Housing in the CPI and its Implications for Monetary Policy, NBER Conference on International Comparisons of Income, Prices, and Production, Sloan School, MIT, Boston, May 2016.
19. International Comparisons of Prices Using Shortest Path Spatial Chaining, Annual Conference of the Society for Economic Measurement, OECD, Paris, July 2015.
20. International Comparisons of Prices Using Shortest Path Spatial Chaining, Conference on International Comparisons of Income, Prices and Production, CERGE-EI, Prague, May 2015.
21. A Least-Squares Approach to Imposing Within-Region Fixity in the International Comparisons Program, Workshop on Inter-Country and Intra-Country Comparisons of Prices and Standard of Living, Arezzo, Italy, September 2014.
22. A Least-Squares Approach to Imposing Within-Region Fixity in the International Comparisons Program, Inaugural Conference of the Society for Economic Measurement, University of Chicago, Chicago, August 2014.

23. Incorporating Geospatial Data into House Price Indexes: A Hedonic Imputation Approach with Splines, OECD Workshop on House Price Statistics, Paris, March 2014.
24. Incorporating Geospatial Data into House Price Indexes: A Hedonic Imputation Approach with Splines, Workshop on Modelling of Housing Markets and Construction of Residential Property Price Indexes, University of Queensland, Brisbane, December 2013.
25. Hedonic Price-Rent Ratios for Housing and the Detection of Departures from Equilibrium, Workshop on Modelling of Housing Markets and Construction of Residential Property Price Indexes, University of Queensland, Brisbane, December 2013.
26. Incorporating Geospatial Data into House Price Indexes: A Hedonic Imputation Approach with Splines, Economic Measurement Group Workshop, UNSW, Sydney, November 2013.
27. Report on the September Version of the ICP 2011 Preliminary Results, Technical Advisory Group Meeting of the International Comparisons Program, World Bank, Washington, September 2013.
28. How Can One Tell When the Housing Market Is Out of Equilibrium? 20th Annual European Real Estate Society Conference, Vienna University of Technology, Vienna, July 2013.
29. Hedonic Price-Rent Ratios for Housing and the Detection of Departures from Equilibrium, Keynote speaker at the GPEN-CGR Annual Conference 2013 Global Policy, Global Institutions and Global Development, Queen Mary University London, June 2013.
30. Incorporating Geospatial Data into House Price Indexes: A Hedonic Imputation Approach with Splines, Conference of ICP/PPP, Princeton University, May 2013.
31. Report on the May Version of the ICP 2011 Preliminary Results, Technical Advisory Group Meeting of the International Comparisons Program, World Bank, Washington, May 2013.
32. Incorporating Geospatial Data into House Price Indexes: A Hedonic Imputation Approach with Splines, 13th Meeting of the Ottawa Group, Copenhagen, May 2013.
33. Report on the ICP 2011 Preliminary Results, Technical Advisory Group Meeting of the International Comparisons Program, World Bank, Washington, September 2012.
34. Hedonic Price-Rent Ratios for Housing and the Detection of Departures from Equilibrium, General Conference of the International Association for Research on Income and Wealth, Boston, August 2012.
35. Cluster Formation, Data Validation and Outlier Detection in the International Comparisons Program: An Application to the Africa Region, Technical Advisory Group Meeting of the International Comparisons Program, World Bank, Washington, October 2011.
36. Hedonic Price-to-Rent Ratios for Housing: Implications for the Detection of Departures from Equilibrium, 58th World Statistics Congress, International Statistical Institute, Dublin, August 2011.

37. Benchmark Construction and the Measurement of Dispersion: Implications for the Convergence Literature, Annual Conference of the Austrian Economic Association, Graz, June 2011.
38. Linking the Regions in ICP at Basic Heading Level and at Higher Levels of Aggregation, Workshop on International Comparisons of Prices, Income and Productivity, Groningen, May 2011.
39. Hedonic Price-to-Rent Ratios for Housing: Implications for the Detection of Departures from Equilibrium, Economic Measurement Group (EMG) Workshop, UNSW, Sydney, December 2010.
40. Linking the Regions in ICP at Basic Heading Level and at Higher Levels of Aggregation, Meeting of the Technical Advisory Group of the International Comparisons Program, World Bank, Washington DC, October 2010.
41. Some Extensions of the Country-Product-Dummy Method for Comparing Price Levels Across Countries: An Application to the Asia-Pacific Region. General Conference of the International Association for Research on Income and Wealth, St Gallen, Switzerland, 22-28 August 2010.
42. Some Extensions of the Country-Product-Dummy Method for Comparing Price Levels Across Countries: An Application to the Asia-Pacific Region. Workshop on International Comparisons of Prices, Income and Productivity, Oxford, 8-9 April 2010.
43. The Economic Outlook for 2010. Financial Market Trends Conference, Employers' Union of Austria, Graz, 5 February 2010.
44. Money and the Financial System. Conference on Growth in Transition, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Vienna, 28-29 January 2010.
45. Recent Developments in the International Comparison of Prices and Real Output. Workshop on International Comparisons of Production and Income, Institute of Governmental Affairs, University of California Davis, April 30-May 1, 2009.
46. Flexible Spatial and Temporal Hedonic Price Indexes for Housing in the Presence of Missing Data. Workshop on Index Number Theory, Tinbergen Institute Amsterdam, October 2008.
47. Comparing House Prices Using Hedonic Methods: The Problem of Substitution Bias. IREBS Conference on Real Estate Economics and Finance, University of Regensburg, June 2008.
48. Comparing House Prices Using Hedonic Methods: The Problem of Substitution Bias. 2008 World Congress on National Accounts and Economic Performance Measures for Nations, Arlington VA, May 2008.
49. Comparing House Prices Using Hedonic Methods: The Problem of Substitution Bias. Workshop on Integrating Expenditure and Production Estimates in International Comparisons, University of Pennsylvania, May 2008.
50. Comparing House Prices across Regions and Time: An Hedonic Approach. Economic Measurement Group (EMG) Workshop, UNSW, Sydney, December 2007.
51. Regionalization and its Implications for Price Index Construction: The Case of the International Comparisons Program. Workshop on Integrating Expenditure and

- Production Estimates in International Comparisons, Groningen, the Netherlands, April 22-23 2007.
52. Comparing House Prices across Regions and Time: An Hedonic Approach. Economic Measurement Group (EMG) Workshop, UNSW, Sydney, December 2006.
 53. Convergence or Divergence: How to Get the Answer You Want. 21st Annual Congress of the European Economic Association, Vienna, August, 2006.
 54. The Treatment of Capital Gains in Depreciation. Economic Measurement Group (EMG) Workshop, UNSW, Sydney, June 2006.
 55. Price Indexes Across Space and Time. Sources of Economic Growth Workshop, International Institute for Applied Systems Analysis, Laxenburg, Austria, October 2005.
 56. House Prices in Sydney: A Hedonic Analysis. The New Zealand Association of Economists Annual Conference, Christchurch, June 2005.
 57. The Measurement of Inflation for Central Bankers. Annual Conference of the Reserve Bank of Australia – The Future of Inflation Targeting, August 2004.
 58. Benchmarking the Performance of Mutual Funds. 12th Australian Colloquium of Superannuation Researchers, Sydney, July 2004.
 59. Constructing Price Indexes Across Countries and Time: The Case of the European Union. SSHRC International Conference on Index Number Theory and the Measurement of Prices and Productivity, Vancouver, July 2004.
 60. Comparing the Cost of Living Across Cities in Australia. Economic Measurement Group (EMG) Workshop, UNSW, Sydney, December 2003.
 61. Constructing Price Indexes Across Countries and Time: The Case of the European Union. Econometric Society Australasian Meetings, UNSW, July 2003.
 62. Accounting for Unexpected Capital Gains on Natural Assets in Net National Product. Economics and Environment National Workshop, ANU, Canberra, May 2003.
 63. Measuring Price Differences Across Space and Time: The Case of the European Union's Harmonized Index of Consumer Prices. 27th General Conference of the International Association for Research in Income and Wealth, Djurhamn, Sweden, August 2002.
 64. Superlative Index Numbers: Not All of Them Are Super. Economic Measurement Group (EMG) Workshop, UNSW, Sydney, March 2001.
 65. Linking Countries and Regions using Chaining Methods. Joint World Bank/OECD Conference on Purchasing Power Parities, January 2001.
 66. Superlative Index Numbers: Not All of Them Are Super. Central European Economic Theory Workshop, Udine, June 2000.
 67. Paasche-Laspeyres Spreads, Superlative Index Numbers and the Desirability of Chaining. Economic Measurement Group (EMG) Workshop, UNSW, Dec. 1999.
 68. Bilateral and Multilateral Estimates of the Relative Purchasing Power of the Canadian and US Dollars. Canadian Economic Association Meeting, Ottawa, May 1998.
 69. Conditions under Which Chaining Reduces the Substitution Bias of Price and Quantity Indexes. Econometric Society Australasian Meetings, Melbourne, July 1997.

70. Comparing Price Levels and Living Standards Across the ESCAP Countries using Spanning Trees and other Aggregation Methods. United Nation Conference on Comparisons of Living Standards in the ESCAP Region, Beijing, June 1997.
71. Constructing Upper and Lower Bounds on Per Capita Income Differentials Across the ESCAP Countries. United Nation Conference on Comparisons of Living Standards in the ESCAP Region, Beijing, June 1997.
72. Measuring Inflation Using Spanning Trees. Australian Economic Society Meetings, Canberra, Sept. 1996.
73. Measuring Per Capita Income Differentials Across Countries. Econometric Society Australasian Meetings, Perth, July 1996.
74. The Measurement of Depletion of Renewable Resources. Conference on Environment, Trade and Growth, Organized by Deakin University and the Journal of International Trade and Economic Development, Melbourne, August 1996.
75. Chained Purchasing Power Parities and Minimum Spanning Trees. Conference on Research in Income and Wealth, National Bureau of Economic Research, Washington, DC: March 1996.
76. Purchasing Power Parities, Exchange Rates and Inequality Across Countries. Conference on Improving the Quality of Price Indices, Organized by the University of Florence and Eurostat, Florence, Italy, Dec. 1995.
77. Improving the Sensitivity of Data Envelopment Analysis by Reducing Dimensionality. Productivity Measurement Workshop, Organized by the University of New England, Armidale, Nov. 1995.

Seminar Presentations

I have presented seminars at the following institutions:

Australian Bureau of Statistics; Australian National University; Australian Treasury; Austrian National Bank, Bank of England; Birkbeck College; Bureau of Labor Statistics; Cambridge University; Cardiff Business School; Curtin University; European Central Bank; Federal Reserve Bank in St Louis; Institute of Advanced Studies (Vienna); Institute of Fiscal Studies (London), LaTrobe University; London School of Economics; Macquarie University; Monash University; Office of National Statistics (London); Oxford University; Reserve Bank of Australia; Royal Holloway College; Singapore Statistical Office; Statistics Netherlands; Tilberg University; University College Dublin; University of Aarhus; University of California at Davis; University of California at Santa Barbara; University of Graz; University of Groningen; University of Konstanz; University of Linz; University of Melbourne; University of Queensland; University of St Gallen; University of Southampton; University of Sussex; University of Sydney; University of Technology Sydney (UTS); University of Western Australia; University of York; Vienna Institute for International Economics (WIIW); Washington University in St Louis; Wegener Centre in Graz; World Bank.