Mengheng Li

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Research interests

Inflation dynamics; Business cycle; Output gap; Economic volatility; Climate change.

Positions

2020-	**Senior Lecturer**, Economics Discipline Group, UTS Busines School, University of Technology Sydney, Australia
2018-2020	**Lecturer**, Economics Discipline Group, UTS Busines School, University of Technology Sydney, Australia
2017-2018	**Research Economist**, Department of Econometrics and Models, Economic Research and Policy Division, the Dutch central bank, Netherlands

Other affiliations

2019-	**Research Associate**, Centre for Applied Macroeconomic Analysis, Australian National University, Australia

Education

2015-2018	**Ph.D. in Econometrics**, VU University Amsterdam and Tinbergen Institute Committee: prof.S.J. Koopman; prof.A. Lucas; prof.D.J.C. van Dijk; prof.S.J.G. van Wijnbergen; prof.C.G.H. Diks; prof.A. Harvey; dr.P. Gorgi; dr.H. Karabiyik
2016	**Visiting Ph.D.**, Discipline of Business Analytics, The University of Sydney Business School
2013-2015	**M.Phil. in Economics**, University of Amsterdam and Tinbergen Institute, *cum laude*
2010-2013	**B.Sc. in Econometrics and Operations Research**, Tilburg University, *cum laude*

Research

Publications

M. Li and M. Scharth (2022). Leverage, asymmetry and heavy tails in the high-dimensional factor stochastic volatility model. *Journal of Business & Economic Statistics* 40(1), 285-301.

M. Li and S.J. Koopman (2021). Unobserved components with stochastic volatility in U.S. inflation: Estimation and signal extraction. *Journal of Applied Econometrics* 36(5), 614-627.

M. Li and I. Mendieta-Muñoz (2021). Bayesian analysis of unobserved components and identification via heteroskedasticity. *Studies in Nonlinear Dynamics & Econometrics* 26(3), 337-359.

M. Li and I. Mendieta-Muñoz (2020). Are long-run output growth rates falling. *Metroeconomica* 71(1), 204-234.

M. Li, R. Lit, S.J. Koopman and D. Petrova (2020). Long-term forecasting of El Niño events using dynamic factor simulations. *Journal of Econometrics* 214(1), 46-66.

P. Gorgi, S.J.Koopman and **M. Li** (2019). Forecasting economic time series using score-driven models with mixed-data sampling. *International Journal of Forecasting* 35(4), 1735-1747.

Working papers and R&Rs

B. Fu, **M. Li**, and Q. Haque. **U.S. shocks and the uncovered interest rate parity**. *Centre for Applied Macroeconomic Analysis Working Paper*: 2020-87.

M. Li and I. Hindrayanto. **Looking for the stars: Estimating the natural rate of interest**. *UTS Business School EDG Working Paper*: 2018-51.

Work in progress

Does the Fed say it all? Textual analysis of public communications and private discussions

Univariate treatment of multivariate latent stationary processes when they are superimposed

Dynamically scaled autoregressive models: Estimation and forecasting

The evolution of long-run interaction among rainfall, temperature and economic output in Australia

Modelling hysteresis and time-to-build via structural correlated unobserved components models

Teaching

2023	Advanced Macroeconomics I (*)	University of Technology Sydney
2021-2023	Time Series Econometrics (**)	University of Technology Sydney
2020-2023	Advanced Econometrics I (*)	University of Technology Sydney
2018-2022	Business Statistics (**)	University of Technology Sydney
2017	Introduction to Time Series Analysis (**)	VU University Amsterdam
2016,2017	Business Statistics, TA (**)	VU University Amsterdam
2015,2016	Business Mathematics, TA (**)	VU University Amsterdam
2016	Time Series Econometrics, TA (*)	VU University Amsterdam
2015	Advanced Econometrics III, TA (*)	Tinbergen Institute
2014	Principles of Programming in Econometrics, TA (*)	Tinbergen Institute
2013	Econometrics 2, TA (**)	Tilburg University

(*): graduate; (**): undergraduate

Services

Departmental services

2021-2023	Graduate international exchange programs assessment committee (University of Technology Sydney)
2021-2022	Multiple failure sanction committee; Undergraduate international exchange programs assessment committee; Cross-faculty collaboration scheme application committee (University of Technology Sydney)
2020	Recruitment decision committee; Recruitment interview committee; Departmental research committee (University of Technology Sydney)
2019	Coordinator of 26134 Business Statistics; Departmental seminar coordinator; Departmental research committee (University of Technology Sydney)
2018	PhD committee. (University of Technology Sydney)

External engagement

2020-2023	Design and delivery of UTS short course *Impact Evaluation* (2×)

Journal referee

2022	Journal of Business & Economic Statistics; Journal of Economic Dynamics and Control; Economic Modelling; Australian Economic Papers; Journal of Applied Econometrics
2021	European Economic Review; Macroeconomic Dynamics; Journal of Economic Dynamics and Control
2020	Bayesian Analysis; Journal of Time Series Analysis
2019	Empirical Economics; Journal of Applied Econometrics
2018	Journal of Time Series Analysis; The Econometrics Journal
2017	Economic Inquiry

Grants and Awards

2022	UTS Business School Research Grant ($9,951AUD) Project title: *Economic implications of climatic heat wave*
2019	Best Paper Award of the INFER Annual Conference ($2,000USD) Paper title: *Are long-run output growth rates falling*
2017	Travel grant of the 10th Annual SoFiE Conference ($500USD)
2016	Student Travel Award of 2016 Chicago JSM Conference ($800USD)

Conferences and Workshops

2022	2022 Asian Meeting of the Econometric Society (Shenzhen); 2022 Australasian Meeting of the Econometric Society (Virtual); 7th Workshop on Continuing Education in Macroeconometrics (Melbourne); 2022 Times Series & Forecasting Symposium (Sydney); 2022 Meeting of the Australasian Macroeconomics Society (Sydney); Workshop of Virtual Australia Macro Studies (Sydney)

2021	European Seminar on Bayesian Econometrics 2021 (Virtual); International Association for Applied Econometrics Annual Conference (Virtual); NBER NSF Seminar on Bayesian Inference in Econometrics and Statistics (Virtual); 2021 Asian Meeting of the Econometric Society (Virtual); Sydney Macro Reading Group Workshop (Virtual); International Symposium on Forecasting (Virtual); Annual Meeting of the Society for Economic Dynamics
2020	12th Econometric Society World Congress (Virtual); 28th Annual Symposium of the Society for Nonlinear Dynamics and Econometrics (Virtual); Sydney Macro Reading Group Workshop (Virtual);
2019	6th Workshop on Continuing Education in Macroeconometrics (Sydney); Reserve Bank of Australia Quantitative Macroeconomic Workshop (Sydney); III Conference on Advances in Applied Macro-Finance (Melbourne); Sydney Macro Reading Group Workshop (Sydney); 2019 Time Series & Forecasting Symposium (Sydney); 2019 Asian Meeting of the Econometric Society (Xiamen); Melbourne Bayesian Econometrics Workshop (Melbourne); Computation and Econometrics Workshop (Tokyo);
2018	2018 Workshop on Bayesian Methods in Finance (Singapore); Time Series & Forecasting Symposium 2018 (Sydney); Sydney Macro Reading Group Workshop (Sydney); International Symposium on Forecasting (Colorado Boulder); 2018 Asian Meeting of the Econometric Society (Seoul); 12$^{\text{th}}$ RCEA Bayesian Workshop (Rimini); 2018 China Meeting of the Econometric Society (Shanghai); 2$^{\text{nd}}$ Workshop on Financial Econometrics and Empirical Modeling of Financial Markets (Kiel);
2017	Royal Economic Society PhD Meetings (London); European Conference of Econom[etr]ics Community (Amsterdam); Central Bank Forecasting Conference (St. Louis); European Seminar on Bayesian Econometrics (Maastricht); China International Finance Conference (Hangzhou); International Association for Applied Econometrics Annual Conference (Sapporo); The Society for Financial Econometrics Annual Conference (New York); International Conference on Econometrics and Statistics (Hong Kong);
2016	The Rhenish Multivariate Time Series Econometrics (Rotterdam); International Conference on Computational and Financial Econometrics (Seville); Conference on Econometric Models of Climate Change (Aarhus); American Statistical Association JSM Business and Economics Session (Chicago).

Personal

Chinese citizen; Australian permanent resident.