

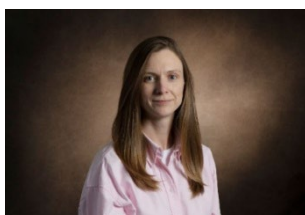
SPEAKERS AT THE 13TH ECB CONFERENCE ON FORECASTING TECHNIQUES



Asger Lau Andersen is an Associate Professor of Economics at the University of Copenhagen. His research focuses on household economics and finance, including consumption behaviour, saving and borrowing dynamics, household responses to economic shocks, and political economics. He works extensively with administrative and high frequency microdata to study topics such as wealth shocks, job loss, household debt, and economic behaviour during major disruptions such as the COVID 19 pandemic. He holds a PhD in Economics from the University of Copenhagen and MSc degrees in Economics from the University of Copenhagen and the London School of Economics. Before joining the University of Copenhagen faculty, he worked as Head of Section/Adviser at Danmarks Nationalbank.



Sarah Arndt is a participant in the Economist Graduate Program participant at the ECB. She previously obtained her PhD in economics at Heidelberg University and has done internships at the Bundesbank and the IMF. Her research focuses on the analysis of textual data for economic analysis such as the impact of media news on household inflation expectations.



Mariia Artemova is an Assistant Professor at the Econometric Institute of Erasmus University Rotterdam. Her research focuses on developing new econometric methods for time-series analysis, with applications in macroeconomics and finance. She obtained her PhD in Econometrics from Vrije Universiteit Amsterdam and Tinbergen Institute, and holds an MPhil in Economics from Tinbergen Institute.



Hélène Bruffaerts is currently pursuing her PhD at the Department of Economics of Ghent University. She previously obtained both her Bachelor's and Master's degree in Economics from Ghent University. Her research focuses on mortgage lending and housing markets, with particular attention to the effects of macroprudential regulation and climate-related risks. Using empirical methods, sometimes combined with machine learning techniques, she examines heterogeneous responses in mortgage and housing markets and studies the distributional and/or financial stability implications of policy interventions and climate-related events.



Franziska Eckert is a data scientist at the Swiss National Bank. Her work focuses on forecasting using machine learning and extracting economically relevant information from large text data such as newspaper articles. In her previous research at ETH and Sony AI, she published articles in leading machine learning conferences and journals in the area of reinforcement learning and robustness of neural networks. She earned an MSc in Robotics, Systems & Controls at ETH Zurich.



Claudia Foroni is Principal Economist in the Directorate General Economics of the European Central Bank. Her main areas of research are applied macroeconomics, time series econometrics and forecasting, fields in which she has published extensively in academic journals. Prior to joining the ECB, she worked at Norges Bank and the Deutsche Bundesbank. She holds a Ph.D. in Economics from the European University Institute and an MSc in Economics and Social Sciences from Bocconi University.



Dimitris Georgarakos is a Senior Team Lead Economist at DG Research in the ECB. Dimitris is also a CEPR Research Fellow with extensive experience in academia, applied research, and policy. He previously served as a Research Economist at Deutsche Bundesbank and held academic positions at the University of Glasgow, University of Frankfurt and Queen Mary University of London. A lead expert in designing experiments for large-scale surveys targeting households and firms, Dimitris focuses on addressing policy-relevant issues. His recent work explores the impact of inflation, macroeconomic uncertainty, and central bank communication on consumer expectations and behaviour. His research has been published in top-tier journals, including the *American Economic Review*, *AEJ: Macroeconomics*, *Econometrica*, *Review of Economics and Statistics*, *Review of Financial Studies*, *Journal of Monetary Economics*, *Journal of Public Economics* and the *Journal of the European Economic Association*.



Olga Goldfayn-Frank is a senior economist in the Research Center of the Deutsche Bundesbank and a CEPR Research Affiliate. Her research focuses on financial decisions and expectations of households, as well as behaviour of firms - and the implications for macroeconomy. She holds a doctorate degree in economics from Goethe University Frankfurt.



Oriol González Casasús is a Postdoctoral Research Fellow at Universitat Pompeu Fabra and Barcelona School of Economics. Starting 2026, he will become Assistant Professor at UPF and Affiliate Professor at BSE. He obtained a PhD in Economics from the University of Pennsylvania in 2025. His main research interests are in econometric theory. In particular, his research lies at the intersection of grouped heterogeneity and model misclassification.



Ole Gregarek is a Financial Sector Expert at the International Monetary Fund, where he delivers technical assistance on monetary policy implementation and analytical work on financial markets. He leverages quantitative and AI-based tools to evaluate central bank communication and modernize central bank operations. Before joining the IMF, he worked at the European Central Bank in market operations and banking supervision, including quantitative work related to the review of the ECB's operational framework. He holds a Master's degree in Economics from the University of Bonn.



Pablo A. Guerron-Quintana is Professor of Economics at Boston College, Amazon Scholar, and Chief Economist at Quinso Economic Consultants. His research spans macroeconomics, monetary policy, sovereign debt, time-series econometrics, and the application of machine learning and AI methods to economic modelling and forecasting. His foundational work on uncertainty shocks in small open economies (*American Economic Review*, 2011, with Fernández-Villaverde, Rubio-Ramírez, and Uribe) helped establish the modern empirical literature on macroeconomic uncertainty.

His current research advances two complementary frontiers. The first develops the use of pretrained time-series foundation models—such as Chronos-2—for zero-shot macroeconomic forecasting, with particular emphasis on their performance during structural breaks and tail episodes where classical Bayesian VARs deteriorate. The second establishes theoretical and computational results on the convergence of stochastic-gradient-descent learning agents to rational expectations equilibria within real business cycle and New Keynesian models, providing a microfoundation for adaptive learning that connects modern machine-learning algorithms to classical macroeconomic theory.

He advises Federal Reserve Banks, the International Monetary Fund, the Bank for International Settlements, and central banks internationally.



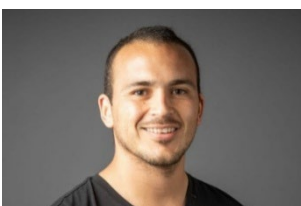
Peter Reinhard Hansen is the Henry A. Latané Distinguished Professor in Economics at the University of North Carolina, Chapel Hill. He holds a Ph.D. from UC San Diego and previously held positions at Brown, Stanford, and the European University Institute. A leading researcher in forecasting and volatility with an extensive list of publications in leading journals in the field. His contributions include the Model Confidence Set and the Realized

GARCH framework, for which he received the Richard Stone Prize. He is a *Co-Editor of the Journal of Financial Econometrics* and serves on the *Council of the Society for Financial Econometrics (SoFiE)*. Professor Hansen is a *Fellow of the International Association for Applied Econometrics*, the *Journal of Econometrics*, and *SoFiE*. He has been named to Clarivate's list of the World's Most Influential Scientific Minds four times.



Stephen Hansen is Associate Professor of Economics at Imperial College Business School. Prior to this, he was a member of the economics faculty at the University of Oxford and Pompeu Fabra University. His research primarily focuses on information problems in organizations, with recent applications to the design of central banks and the role of CEOs in firms. His work has increasingly incorporated unstructured data for generating novel measures of behaviour using machine learning algorithms. He is

currently an Affiliate at the CEPR and Turing Fellow at the Alan Turing Institute, and has in the past been both a fellow and academic consultant at the Bank of England. He received his PhD in Economics from the London School of Economics in 2009.



Nicolás Hardy is an Assistant Professor at Universidad Diego Portales (UDP), where he teaches econometrics and finance at both undergraduate and graduate levels. He previously served as Director of UDP's Master in Financial Management. Before joining UDP, he was an Assistant Professor at Universidad Finis Terrae. He holds a PhD in Finance from Universidad Adolfo Ibáñez, an MSc in Financial Engineering, and is currently a PhD student in Economics at the University of Glasgow, Adam Smith Business School. He is a member of the National Committee of Experts for the Reference Copper Price, convened by the Ministry of Finance of Chile. His research interests lie in

time-series econometrics, Bayesian analysis, financial econometrics, and commodity price forecasting, with a focus on time-varying parameter models and macroeconomic forecasting.



Fédéric Holm-Hadulla is Senior Adviser in the Directorate General Monetary Policy of the European Central Bank. Prior to joining the ECB, Fédéric worked as a researcher at the Ifo Institute for Economic Research in Munich. He holds a Master's and a PhD in economics from Ludwig-Maximilians-University Munich and Friedrich-Alexander-University Erlangen-Nuremberg, respectively. His research interests cover monetary and financial economics, with particular emphasis on factors giving rise to heterogeneity in the transmission of monetary policy.

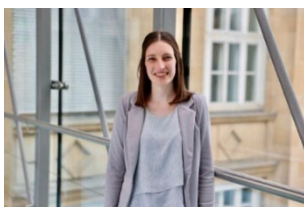


Sophia Kazinnik is a Research Scientist at Stanford's Digital Economy Lab (HAI), where she builds generative AI systems to explore how language and behaviour shape economic outcomes. Her work turns economic questions into computable experiments, using LLM-powered agents and multi-agent simulations to study financial fragility, policy communication, and market expectations. In some of her recent projects, she has modelled bank runs, simulated FOMC deliberations, and evaluated how today's AI interprets central bank language.

Before joining Stanford, Sophia spent seven years as a Financial Economist & Quant at the Federal Reserve, where she reviewed stress test models and developed natural language tools for bank supervision. Across her research on AI-augmented surveys, simulated professional forecasters, and the analysis of verbal and nonverbal cues in central bank communication, her goal is to make AI a lab for studying economic behaviour, and a tool for designing better policy.



Faizaan Kijat is an economist in the Fiscal Affairs Department at the International Monetary Fund (IMF). His research focuses on empirical macroeconomics, finance, and development. At the IMF, he has contributed to policy work and research on public debt risks, tax reforms, and fiscal policy actions. Prior to joining the IMF, he worked in corporate strategy at Morgan Stanley from 2012 to 2016. He holds a Ph.D. in Economics from Princeton University.



Karin Klieber is a research economist in the Monetary Policy Section at the Austrian National Bank (Oesterreichische Nationalbank, OeNB). She specializes in the intersection of applied econometrics and central banking, bridging academic research and policy needs. Her work focuses on inflation, monetary policy, and machine learning in applied econometrics, and has been published in top field journals such as the *Journal of*

Econometrics and the *Journal of Applied Econometrics*. She has recently been a visiting researcher at the Federal Reserve Bank of New York and has worked at the European Central Bank. She holds a PhD from the University of Salzburg.



Malte Knüppel is a Research Economist at Deutsche Bundesbank. His research focuses on time-series econometrics, particularly forecasting. He received his PhD in Economics from the University of Hamburg in 2004. He has contributed to research on forecast uncertainty and forecast evaluation with a number of publications in leading journals in the field.

He also serves as an Associate Editor of the *International Journal of Forecasting* and Chair of the International Institute of Forecasters' MacroFor section.



Sicco Kooiker is a PhD candidate at Vrije Universiteit Amsterdam. He holds an MSc in Econometrics and Data Science and an MSc in Artificial Intelligence. His research focuses on adaptive machine learning methods for time series forecasting, particularly artificial neural networks and their applications in macroeconomics. He develops models that adapt to changing economic conditions to improve the accuracy and robustness of macroeconomic forecasts.



Philip R. Lane joined the European Central Bank as a Member of the Executive Board in 2019. He is responsible for the Directorate General Economics and the Directorate General Monetary Policy. Before joining the ECB, he was the Governor of the Central Bank of Ireland. He has also chaired the Advisory Scientific Committee and Advisory Technical Committee of the European Systemic Risk Board and was Whately Professor of Political Economy at Trinity College Dublin. He is also a research fellow at the Centre for Economic Policy Research. A graduate of Trinity College Dublin, he was awarded a PhD in Economics from Harvard University in 1995 and was Assistant Professor of Economics and International Affairs at Columbia University from 1995 to 1997, before returning to Dublin. In 2001 he was the inaugural recipient of the Bernácer Prize for outstanding contributions to European monetary economics.

Trinity College Dublin, he was awarded a PhD in Economics from Harvard University in 1995 and was Assistant Professor of Economics and International Affairs at Columbia University from 1995 to 1997, before returning to Dublin. In 2001 he was the inaugural recipient of the Bernácer Prize for outstanding contributions to European monetary economics.



Vivien Lewis is an economist at Deutsche Bundesbank, where she heads the Research Focus Group on Macro-Finance. Her main research interests are in macroeconomics, monetary economics and business cycle analysis. She is a CEPR Research Fellow in Monetary Economics and Fluctuations, and a member of the macroeconomics and monetary committees of the German Economic Association. Her work has been published in leading journals. Vivien holds a PhD in Economics from KU Leuven in Belgium, an M.Sc. in Public Financial Policy from the London School of Economics and a B.Sc. in Economics from the University of Warwick (UK).

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Gianluigi Lopardo is a machine learning researcher specialized in AI applications for economics and the interpretability of machine learning models. He worked in the International Policy Analysis Division of the European Central Bank as PhD Trainee and Research Analyst, developing NLP and AI-based tools for economic forecasting and policy analysis.

He holds a PhD in Applied Mathematics from Inria and Université Côte d'Azur, with a thesis on "Foundations of Machine Learning Interpretability", and an MSc in Mathematical Engineering from Politecnico di Torino.



Juri Marcucci is Advisor at the Directorate General for Economics, Statistics and Research of Banca d'Italia. He has served as adjunct professor at the Universities of Bologna, Rome Tor Vergata, and Rome Sapienza, and has been a visiting scholar at the Federal Reserve Bank of Boston, Universitat Pompeu Fabra, and the University of California, San Diego. He holds a Ph.D. in Economics from UC San Diego and a doctoral degree from the Sant'Anna School of Advanced Studies in Pisa.

His research lies at the intersection of macroeconomic forecasting and data science, with a particular focus on artificial intelligence, machine learning, natural language processing, and big data. He is the organizer of the Italian Summer School of Econometrics and co-organizer of the *iAMLEDS* webinar. His work has appeared in leading peer-reviewed journals, and he has served as guest editor for various leading econometric journals.



Leonardo Melosi is Professor of Economics at the European University Institute (EUI) and a Research Fellow of the Centre for Economic Policy Research (CEPR). Before joining the EUI, he was Professor of Economics at the University of Warwick. He previously served as Senior Economist, Economic Advisor, and Executive Director of the Center for Applied

Macroeconomic Research in the Economic Research Department of the Federal Reserve Bank of Chicago. Earlier in his career, he was Assistant Professor at the London Business School.



Sarah Mouabbi is a Research Economist at the Bank of France. Her work focuses on financial and monetary economics, with particular emphasis on the measurement of expectations and uncertainty, the pricing of debt securities and the evaluation of the effects of monetary policy. She received her Ph.D. from Queen Mary University of London. She has held visiting positions at the European Central Bank, Sciences Po, HEC Paris, ESSEC

Business School and Queen Mary University of London.



Luca Onorante is Head of the Forecasting Group at the Joint Research Centre (European Commission), and acts as co-leader of the SETI (Socio-economic & territorial impact) portfolio of projects. From 2013 to 2019, he worked as Senior Economist at the European Central Bank with an interim period at the Central Bank of Ireland in 2013 to 2016, where he acted as Head of the Macro Modelling Project Monetary Policy divisions and as a representative of the bank in the EUROSYSTEM Monetary Policy Committee (MPC). Prior to this, he was a Research Assistant at the European University Institute and consultant at

UNCTAD. He holds a PhD from the European University Institute.



Alvaro Ortiz is Head of Big Data & AI Economic Analysis at BBVA Research. Member of the Conference on Research in Income and Wealth (CRIW) at the NBER, and co-founder of the Financial Transactions "Big Data" Global Research Network. His research focuses on empirical macroeconomics, monetary and fiscal policy, and applied geopolitics, leveraging Big Data and AI methodologies. His work has been presented at leading international forums, including the NBER Summer Institute, CEPR ESSIM, Paris School of Economics Macro Days, SED meetings, and central bank conferences hosted by the Federal Reserve Board, European Central

Bank, Bank of England, Bank of Spain, and the Central Bank of Sweden. He holds a Ph.D. in Economics from Universidad Autónoma de Madrid and an Advanced Diploma in International Economics and Policy Research from the Kiel Institute for the World Economy (IFW).



Chiara Osbat is Adviser at the Prices and Costs Division at the Directorate Economics, ECB. Prior to that she was Visiting Economist at BIS and Adviser at the Monetary Policy Research Division in the Directorate General Research at the European Central Bank. Chiara co-lead the Price-setting Microdata Analysis (PRISMA) Research Network, initiating the collection of various sources of price micro-data. Her current research interest revolves around using insights from micro-data to answer macro-economic questions.



Joan Paredes is the Director of the Economic and Monetary Analysis Department at the National Bank of Slovakia (NBS). With 20 years of experience in central banking, Joan previously worked at the European Central Bank (ECB), where he held several positions across the Economics, Research, and Statistics Directorates. He holds a Doctorate in Economics from Goethe University Frankfurt. His research interests lie in empirical macroeconomics, with a particular focus on modelling and forecasting, including the application of AI methods. His work has been published in a number of leading international academic journals.



Michael Pfarrhofer is an Assistant Professor at WU Vienna University of Economics and Business (Department of Economics).

His research interests include empirical macroeconomics and econometric methods for dynamic models, with a particular focus on business cycle analysis and forecasting. Methodologically, his work centers on time series, Bayesian econometrics and machine learning.

Website: <https://mpfarrho.github.io>

Galina Potjagailo is a Senior Advisor at the Monetary Policy Directorate of the Bank of England. Specifically, she is part of the Monetary Policy Innovation Lab, a team working closely with the Chief Economist with the aim of applying insights from the research frontier to problems faced by monetary policymakers. Her research and policy work focuses on applied macroeconomic, time series and AI based methods, to trace inflation and the business cycle.



Francesco Ravazzolo is Professor of Econometrics at Faculty of Economics and Management at University of Bozen-Bolzano and Head of the Department of Data Science and Analytics at BI Norwegian Business School. His research focuses on commodity markets, data science, econometrics, energy economics, forecasting, financial econometrics and macroeconometrics. He has published in several leading academic journals. He is also co-founder of several start-ups in these topics including AIAQUA, COMMEDIA and STAIRS. |

Francesco serves the academia in several roles. He is in the editorial board of the following journals: *Annals of Applied Statistics*; *International Journal of Forecasting*; *Journal of Applied Econometrics*; *Spatial Economic Analysis*; *Studies in Nonlinear Dynamics and Econometrics*. He is president of the Society of Nonlinear Dynamics and Econometrics.



Michael Reiter is currently a senior researcher at the Institute for Advanced Studies in Vienna, where he has served since 2007 in various positions such as head of the Economics Department and head of the research group "Macroeconomics and Business Cycles". He received his PhD in Economics at the University of Munich in 1994.

Before joining the Institute for Advanced Studies in 2007, he was Associate Professor at the University Pompeu Fabra in Barcelona, starting in 1997, and Visiting Professor at the University of Western Ontario in the year 1994/1995. He has been a regular visiting professor at NYU Abu Dhabi since 2016.

His research interests are in the field of computational macroeconomics, with a focus on computational methods for heterogeneous agent models.

Applications include models on labour market dynamics, monetary policy, and fiscal policy.



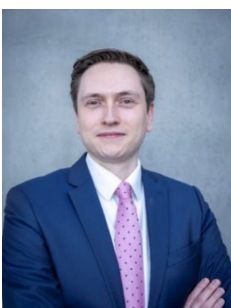
Rina Rosenblatt-Wisch is an Economic Advisor at the Swiss National Bank (SNB), specialising in the intersections of macroeconomics, behavioural economics and monetary policy. She holds a Ph.D. in Economics with specialisation in Finance from the University of Zurich, as well as a master's degree from the University of St. Gallen. She has extensive experience in policy advisory work and academic research. Her work has been published in international peer-reviewed journals. She also teaches behavioural and

applied macroeconomics as an external lecturer at the University of Zurich. In addition to her experience in central banking, she has worked in the commercial banking sector.



Barbara Rossi is an ICREA Professor of Economics at Pompeu Fabra University. She previously has been an Associate Professor with tenure at the department of Economics at Duke University, after She is a Fellow of the *International Association of Applied Econometrics*, and the *Econometric Society*, a *CEPR* Fellow, and currently serves as a Director of the *International Association of Applied Econometrics*.

Professor Rossi specializes in time series econometrics with applications in international finance and macroeconomics. Professor Rossi has published her research findings extensively in leading journals in the field and contributions to various books and has served as an editor to various of these journals. Currently she is editor of the *Journal of Applied Econometrics*. She earned her Ph.D. from Princeton University.



Maximilian Schröder is an Economist Graduate Programme participant at the European Central Bank, currently working in the Directorate General Research. His research centres on macroeconometrics, forecasting and monetary economics, with a particular focus on high-dimensional data and modern econometric methods to analyse macroeconomic uncertainty.

Prior to his current rotation, he worked in the External Developments Division of the Directorate General International and European Relations and has gained experience at several other central banks, including Norges Bank, De Nederlandsche Bank and the Deutsche Bundesbank. He holds a PhD in Economics from BI Norwegian Business School in Oslo, and his work has been published in several international academic journals.



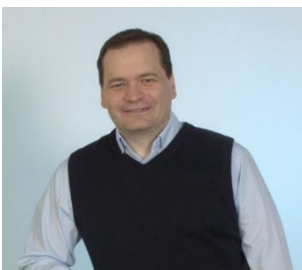
Andrej Sokol is an Economist for Bloomberg Economics in Frankfurt. Previously, he was an Economist at the European Central Bank, and a Senior Economist at the Bank of England. He works on macro forecasting and on modelling global monetary policy and financial stability issues. His research has appeared in leading academic journals.



João Sousa is Deputy Director General in the Directorate General Research at the European Central Bank. He previously served as Deputy Director General of Economics, Head of the ECB's Monetary Analysis Division, Chief Economist at Portugal's Ministry of Finance, and Head of the Monetary Policy Division at Banco de Portugal. He holds a PhD in Economics from the University of Warwick. Between 2018 and 2026, he has chaired the ECB's Working Group on Forecasting, which is responsible for producing the Eurosystem staff macroeconomic projections.



Afonso S. Moura is an economist at the Supply Side, Labour and Surveillance Division of the Directorate General Economics at the European Central Bank. He is currently on leave from the Economics and Research Department at Banco de Portugal. He holds a PhD in Economics from Nova School of Business and Economics and has previously worked at the International Monetary Fund and the European Central Bank. His research focuses on empirical macroeconomics and the transmission of shocks, with applications to both fiscal and monetary policy.



Martin Spindler is Professor of Data Science, Statistics & Econometrics, at the University of Hamburg. In his research he works on the theory and practical applications of Machine Learning and AI, in particular Causal Machine Learning. He has been visiting scholar at MIT, Columbia University and Singapore Management University. His work has been published amongst others in *Biometrika*, *Annual Review of Economics*, *Journal of Econometrics*, *Journal of Machine Learning Research* and many others. He

also is engaged in transfer into practice by providing training to companies and consulting companies in various industries.



Dalibor Stevanović is a full professor, co-director of graduate studies and co-chair of the Macroeconomics and Forecasting at the School of Management, Université du Québec à Montréal. Professor Stevanović holds research positions at several international research centres (CIRANO, Rimini Centre for Economic Analysis, Centre for Monetary and Financial

Economics). His research interests are time series econometrics, macroeconomics and finance, with a special focus on machine learning and big data analysis. He has published research articles in leading academic journals. In 2022, he received a Harry Johnson Prize for the best paper published in the *Canadian Journal of Economics* and currently serves as a Guest Editor for the *Journal of Econometrics*. Professor Stevanović holds a PhD in Economics from Université de Montréal, obtained under the supervision of Jean-Marie Dufour and Jean Boivin.



Fabio Stohler is a Ph.D. candidate in Economics at the University of Bonn, where he is affiliated with the Institute for Macroeconomics and Econometrics. His research focuses on macroeconomics, finance, and inequality, as well as numerical methods for solving quantitative economic models. He holds a Double Degree M.Sc. in Economics from Nova School of Business and Economics and Insper Instituto de Ensino e Pesquisa, and completed his Bachelor's degree as a cooperative education student in Finance.



Leif Anders Thorsrud is a Professor at BI Norwegian Business School and serves as Associate Dean for the MSc Data Science for Business program at BI. Thorsrud obtained his Ph.D. in 2014. His research has been published in top field international journals, and his area of expertise includes time series analysis, machine learning and applied macroeconomics and natural language processing. Currently his research agenda focuses on the use of text as data to understand and predict economic fluctuations. Thorsrud has previously worked as a Senior Researcher in Norges Bank and the Reserve Bank of New Zealand. Thorsrud is also the co-author of the book: *Applied Time Series for Macroeconomics*.



Jin Xi is an Assistant Research Fellow at the AMSS Center for Forecasting Science, Chinese Academy of Sciences. She received her Ph.D. in Economics from the University of California, San Diego in 2024. Her research focuses on the intersection of artificial intelligence and machine learning in macroeconomics, macroeconomic forecasting methods, nonstationary time series, and causal inference. She is the principal investigator of a Young Scientists Fund project (Category C) supported by the National Natural Science Foundation of China.



Johannes Zahner serves as Temporary Professor of Macroeconomics at Goethe University Frankfurt. He received his PhD in Economics from the University of Marburg in 2021, where his dissertation examined central bank communication using natural language processing. His research lies at the intersection of monetary economics, text-as-data, and machine learning. He develops and applies AI-based methods, including specialized language models and hybrid structural-machine learning approaches, to study central bank communication, expectation formation, and monetary policy transmission. His recent work focuses on how central bank communication transmits to and shapes household expectations.