Bank of England







Call for Papers: ECONDAT 2025 Spring Meeting Economics with Nontraditional Data and Analytical Tools

5 & 6 June 2025, King's College London, London

The current boom in generative artificial intelligence (gen-AI), the availability of large novel data sources, and advances in computational modelling techniques bring fresh opportunities to address key challenges in economic research. Specifically, the rapid progress of gen-AI brings questions to both sides of economists' desks: (1) how can these tools transform our own analysis, but also (2) how will they transform the subject of our studies, the economy?

This conference brings together researchers, practitioners, and decision makers from diverse backgrounds to discuss these big questions. This is the latest in a series of events jointly organised by the Bank of England (BoE), the European Central Bank (ECB), the Data Analytics for Finance and Macro Research Centre (DAFM) at King's College London (KCL), and the Central Bank Research Association (CEBRA).

The ECONDAT Program consolidates wider efforts by multiple central banks and international organisations to create a community of researchers across a diverse set of fields (economics, finance, data science, statistics, computer science) and academic and public institutions. The program organises regular conferences on nontraditional data and analytical methods to foster an environment that will spur cutting-edge research for the development of tools which are ultimately used for better decision making.

The **keynote address** will be given by <u>Ines Montani</u>, creator and entrepreneur in the NLP and AI world, cofounder, and CEO of Explosion. We look forward to your contributions and the opportunity to advance the application of AI and computational tools in economics together. We invite you to submit empirical or theoretical work in this area focused on (but not limited to):

- the use of gen-AI, and the implications of its adoption for the economy
- learning or computational agent-based models in economics or finance
- the use of machine learning or natural language processing for economic analysis with a focus on macroeconomics, financial stability, prudential regulation, and central bank communications
- the use of large, granular, structured, or unstructured data sources to predict or understand economic agents from a novel perspective.

Submission Guidelines: Papers for presentation at the conference should be submitted by <u>10. February 2025</u> using this <u>link</u>. Full papers are preferred, though extended abstracts will be considered in exceptional cases. Please indicate if you are also willing to <u>discuss a paper</u> within your area of expertise. Authors of accepted papers will be notified by mid-March. The conference will take place <u>in-person</u>. A parenting room will be available onsite. For any enquiries, please contact: <u>dafm@kcl.ac.uk</u>.

Scientific Committee: Tunrayo Adeleke-Larodo (BoE), Andrew Blake (BoE), Philippe Bracke (BoE), Marcus Buckmann (BoE), Georgios Chortareas (KCL), Eurydice Fotopoulou (IMF), Ana Galvao (Bloomberg), Dragos Gorduza (BoE), Lukas Henkel (ECB), Ed Hill (BoE), Andreas Joseph (BoE), George Kapetanios (KCL), Christopher Kurz (Federal Reserve Board), Lenza Michele (ECB), Giulia Mantoan (BoE), Daniele Massacci (KCL), Chiara Osbat (ECB), Chris Redl (IMF), Diego Rodriguez Palenzuela (ECB), Iman Van Lelyveld (DNB), Eryk Walczak (BoE), Johannes Zahner (Goethe University Frankfurt), Aristeidis Raftapostolos (KCL)