Call for Papers

8th Conference on Nontraditional Data, Machine Learning, and Natural Language Processing in Macroeconomics (ECONDAT 2026 Fall Meeting)

Key Information

Submission Deadline: June 7, 2026

Conference Dates: October 5-6, 2026

Conference Location: Tokyo, Japan (in person)

About the Conference

The **8th Conference on Nontraditional Data, Machine Learning, and Natural Language Processing in Macroeconomics (ECONDAT 2026 Fall Meeting)** will be held on **October 5-6, 2026**, at **the Bank of Japan in Tokyo**. This year's conference is organized by the Bank of Japan and co-organized with Banca d'Italia, the Federal Reserve Board, Sveriges Riksbank, the Bank of Canada, and the Central Bank Research Association (CEBRA) as part of the Economics with Nontraditional Data and Analytical Tools (ECONDAT) Program.

The conference aims to promote discussion and dissemination of research in macroeconomics and financial economics with a focus on data science, nontraditional data, and artificial intelligence techniques, including machine learning and natural language processing.

Research Topics

The conference encourages submissions of research in the areas including, but not limited to:

- **AI and Economic Analysis**: AI-driven techniques relevant to topics for central banks, including generative AI, agentic AI, and trustworthy AI (explicability, fairness, robustness, etc.); the macroeconomic implications of AI adoption in the economy, including the expansion of AI data centers.
- **Forecasting and Modeling**: Advanced techniques, including machine learning and natural language processing, for forecasting, nowcasting, and modeling macroeconomic and financial dynamics.
- **Large and Granular Data**: Use of large and granular data, including trade, payments, mobility data, and social media, to assess economic conditions, monitor financial sector developments, and analyze monetary and fiscal policy.
- **Macroeconomic Indicators**: New data sources and methodologies for understanding economic activities and inflation dynamics.

Submission Process

The conference invites authors to submit papers through the submission portal https://econdat2026f.raku-con.com/ by **June 7, 2026**. **Full papers are preferred.** Extended abstracts will be considered only in exceptional cases, and should be 2-4 pages in length and include (1) motivation for the research question, (2) methodology, (3) data sources if it is an empirical study, and (4) descriptions of expected research findings and policy implications. The Scientific Committee will review and select submissions for presentation, and authors of accepted papers will be notified by **August 3, 2026**. (Travel funding may be available for academic presenters.)

Any inquiries about the call for papers can be submitted by email to conference@boj.or.jp.

About the ECONDAT Program

The ECONDAT Program consolidates efforts by multiple central banks, which to date include the Bank of Canada, the European Central Bank, Banque de France, Banca d'Italia, the Bank of Japan, Sveriges Riksbank, the Bank of England, and the Federal Reserve, in order to create a community of researchers across diverse fields (including economics, data science, statistics, and computer science) and institutions (academic and non-academic). To grow this community further, the program will organize regular conferences on nontraditional data and analytical methods in economics. These interactions are targeted at fostering an environment that will spur cutting-edge research and tools of relevance for academics, policymakers, and statistical agencies.

Organizing Committee

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Tomohiro Sugo, Bank of Japan
Hiroki Takemura, Bank of Japan
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