25 August 2026

13th biennial IFC Conference

"Filling information gaps in central banking: effectively leveraging data and innovative tools"

Basel, 20-21 August 2026

BIS Tower Building, Room A

Programme

Session 1 – Artificial intelligence in central banks

Chair: Maroje Lang, Vice Governor, Croatian National Bank

Papers:

Analytical knowledge catalyst: an AI framework for scalable policy analytics
Adam Bernard and Marco D'Errico, European Systemic Risk Board Secretariat, European Central Bank (ECB)

Navigating AI adoption in central banks: insights from Bank Indonesia's strategic journey toward enterprise AI adoption
Alvin Andhika Zulen, Bank Indonesia

Improving financial market data discoverability with AI-generated metadata and semantic search
Juraj Botkuljak*, ECB

NBFI sentiment analysis and negative news monitoring using generative AI technology
Henry Chan, Hong Kong Monetary Authority, and Silvia Pezzini, Columbia University

Malaysia's experience in assessing currency exchange data as an indicator of cash travel spending
Nur Afiqah Mohamad Fazil, Nurina Nasaruddin and Azhad Qamaruddin Razak*, Central Bank of Malaysia

Keynote speech: Statistical associations in the AI era

Fabrizio Ruggeri, President, International Statistical Institute (ISI)

High-level panel: Data for the future

Chair: Aurel Schubert, Honorary Professor and Lecturer, Vienna University of Economics and Business

Panel: Budha Bhattacharya, Industrial Professor of Finance and Banking, University College London, and Head of Systematic Research, Lombard Odier Investment Managers

*Young Statistician / Presenter

Michele Bullock, Governor, Reserve Bank of Australia, and Chair of the IFC

Haishan Fu, World Bank Group Chief Statistician and Director of the Development Data Group

Bert Kroese, Chief Statistician, Data Officer and Director of the Statistics Department, International Monetary Fund (IMF)

Session 2 – Inflation and price dynamics

Chair: Greta Gordon, Chief Data Officer and Director Data & Information, Reserve Bank of New Zealand

Papers:

Payoff of the credibility and the communication strategy of the central banks on the inflation expectations: case of study for Latin America based in text mining and neuronal networks
Lisette Santana, César Díaz and Juan Quiñonez, Central Bank of the Dominican Republic

Documenting inflation-targeting frameworks: an experimental cross-country data set
Victor Gonçalves, Cristina Leonte and Jitong Xu, BIS

Bridging the data gap: an LLM-powered market price index for high-frequency inflation monitoring
Mustafa Tanyer and Kerem Hulusi Gökalp, Central Bank of the Republic of Türkiye

Session 3 – Beyond the traditional economy: well-being, inclusion and sustainability

Chair: Jorrit Zwijnenburg, Head of National Accounts Division, Organisation for Economic Co-operation and Development (OECD)

Papers:

Trickle down accounting: measuring real income growth in distributional national accounts
Joseph Grilli and Jorrit Zwijnenburg, OECD

The distributional credit channel of monetary policy: microevidence from consumer loans in Peru
Sebastian Paz*, Central Reserve Bank of Peru

Navigating the value chain – from the top to the bottom and back again
Ulf von Kalckreuth, Deutsche Bundesbank

Catastrophe bonds in Dutch institutional portfolios: hidden risks, rating gaps and structural vulnerabilities
Flavio De Carolis, Geneva Finance Research Institute and De Nederlandsche Bank, and Trond Husby, De Nederlandsche Bank

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Climate change statistics: what we measure vs what we need (depending on where you live)
Jens Mehrhoff, Deutsche Bundesbank

Session 4 – Novel and experimental data

Chair: Ana Mitreska, Vice Governor, National Bank of the Republic of North Macedonia

Papers:

The economic exposure to wildfires: a firm-level analysis based on innovative hazard mapping
Riccardo Russo, Bank of Italy

Navigating spatial scales in physical climate risk assessment: from address to regions
Małgorzata Osiewicz, ECB

Addressing data gaps in climate change and sustainability statistics using generative AI
Simon Oehler, Deutsche Bundesbank

Timely assessment of non-financial corporations' activity: a novel indicator
Vítor Lopes, José Alexandre Neves and Tiago Pinho Pereira, Banco de Portugal

Session 5 – Data gaps and financial stability issues

Chair: Martine Druant, Head of Financial Statistics, National Bank of Belgium

Papers:

The blind spots of aggregate statistics: firm-level evidence on corporate debt
Alexandre Sousa, Ana Reis and Daniel Peixeiro, Banco de Portugal

Holdings of euro area government debt: leveraging on Eurosystem data sources
Gonçalo Amado and Benjamin Fuilu*, ECB

Using machine learning on Indonesia's whom-to-whom financial accounts as a financial surveillance tool to detect unusual behaviour
Dini Sulliati and Oktefvia Aruda Lisjana, Bank Indonesia

SupRisk AI: an agentic AI framework for systemically important corporate risk surveillance
Nontawit Cheewaruangroj, Chinnawat Devahastin Na Ayudhya, Kawinwish Laobundit, Peranut Nimitsurachat, Sirawit Woramongkhon and Anak Yodpinyanee, Bank of Thailand

Disaggregated regulatory data for effective oversight: the case for demographic segmentation
Tatiana Alonso, Denise Dias, Paul Gubbins and Juan Carlos Izaguirre, CGAP

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Session 6 – Tracking globalisation

Chair: Fernando Alberto Rocha, Head of Department of Statistics, Central Bank of Brazil

Papers:

Making ownership more visible: a discovery framework for ultimate investor economy statistics
Ho Chiung Ching, Choo Ching Yii and Nur Azmina Nawawi, Central Bank of Malaysia

Towards accurate UHE statistics: methods and applications for Italian outward FDI
Michele Nesci and Riccardo De Rosa, Bank of Italy

Determinants of FDI in central and eastern Europe amid crises
Aleksandra Halka and Lukasz Jach, Narodowy Bank Polski

An analysis of the relationship between captive financial institutions and external lenders
Gabriele Di Filippo, Central Bank of Luxembourg

Beyond residency: integrating microdata to understand MNE financing patterns in Ireland
Kiara Kennedy*, Central Bank of Ireland

Session 7 – Linking payment data with macroeconomic statistics

Chair: Luis Ángel Maza, Director of the Statistics Department, Bank of Spain

Papers:

Leveraging card payment data and machine learning to enhance travel statistics and external sector measurement in Namibia
Sanette Schulze Struchtrup, Brian Mbazuvara, Metilda Ntomwa, Joel Kagola and Maria Ngolo, Bank of Namibia

Integrating payment statistics into balance of payments services estimates: opportunities and challenges
Veronica Amato, Flavia Ciccioli, Marco Di Bella and Valeria Valletta*, Bank of Italy

Statistics on payment by economic activity and households – EPAE: an analysis of Pix
Mauricio Botelho Ribeiro, Central Bank of Brazil

Bridging the data gap: high-frequency payment indicators for nowcasting household consumption in Indonesia
Muhammad Azkaenza, Maudy Halim and Jerry Y. Christi, Bank Indonesia

High-level panel on addressing information gaps: learnings from the G20 Data Gaps Initiative

Chair: Claudia Mann, Director General Statistics, ECB

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Panel: Bert Kroese, Chief Statistician, Data Officer and Director of the Statistics Department, IMF

Michael Manamela, Head of Economic Statistics, South African Reserve Bank

Jorrit Zwijnenburg, Head of National Accounts Division, OECD

Session 8 – The quest for better, more and faster data

Chair: Luís Teles Dias, Adviser to the Head of Statistics Department, Banco de Portugal

Papers: **Scaling data trust in central banking: a distributed data quality framework for statistical excellence**
Elif Beyza Çeltik*, Central Bank of the Republic of Türkiye

From public good to public input: extending data governance in the age of AI intermediation
Archana Dilip, Reserve Bank of India

Data governance and the use of alternative data for policy-making
Elkhait Meine and Amina Habiboullah, Central Bank of Mauritania

AI-based tool for automated extraction of heterogeneous statistical data
Eugenia Koblents, Bank of Spain

Session 9 – Innovation for better statistics

Chair: Klaus Abberger, Head of Division Business Tendency Surveys, ETH Zurich KOF Swiss Economic Institute, and Centre for International Research on Economic Tendency Surveys (CIRET)

Papers: **Do time series foundation models outperform traditional methods in macroeconomic forecasting?**
Ariel Mantzura and Guy Itzhaki, Bank of Israel

Quantifying qualitative information for quality adjustment using LLMs reducing black-box nature: a case study of rice cookers
Ayako Masujima, Bank of Japan

Nowcasting Macedonian GDP with ChatGPT-derived economic activity score: evidence from machine learning
Magdalena Petrovska, Danica Unevska Andonova, Nedjati Kurtishi and Elena Bozhinovska Stojchevska, National Bank of the Republic of North Macedonia

Nighttime satellite radiance from Indonesia's major industrial complexes as a proxy for manufacturing sector GDP performance
Hanif Galih Pratama and Vita Rosiana Dewi*, Bank Indonesia

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Session 10 – Looking back to move forward with historical statistics

Chair: Marc Flandreau, Howard S. Marks Professor of Economic History, University of Pennsylvania, and Chair of Historical and Monetary Financial Network, IFC

Papers: **Nominal lending rates, compensating balances and effective lending rates**
Mariko Hatase, Hitotsubashi University, and Yoichi Matsubayashi, Kobe University

Central Bank of Chile's 100 years of statistical information
Juan Pablo Cova, Daniela Muñoz, Camilo Poblete and Claudio Sandoval, Central Bank of Chile

Reconstructing historical central bank balance sheets: the case of Türkiye
Burcu Tunç and Fatma Burcu Çakal, Central Bank of the Republic of Türkiye, and Olivier Sirello, BIS

Experimental official statistics: a reflective exercise on historical central bank statistics
Josh Bromell, Reserve Bank of New Zealand, Renato Campos, Central Reserve Bank of Peru, Marc Flandreau, University of Pennsylvania, and Olivier Sirello, BIS