11th Biennial IFC Conference
“Post-pandemic landscape for central bank statistics”
BIS, Basel, 25-26 August 2022

DRAFT Programme

24 August 2022

Pre-conference event

13:30  Registration (ground floor)
14:30  IFC access to the material of the European Master in Official Statistics
      (EMOS)
Chair: Robert Kirchner, Deputy Director General Statistics, Deutsche Bundesbank
Panellists: Emanuele Baldacci, Director of Resources, Eurostat
          Luis Teles Dias, Deputy Director Statistics Department, Bank of Portugal
          Ralf Münnich, Professor of Economic and Social Statistics, TRIER University, and Chairman of the German Statistical Association
          Aurel Schubert, Honorary Professor and Lecturer, Vienna University of Economics and Business, and Chair European Statistical Governance Advisory Board
          Silke Stapel-Weber, Director-General Statistics, ECB

18:00  Welcoming cocktail (1st floor foyer)

25 August 2022

08:30  Conference registration (ground floor)
09:00  Welcoming remarks (room A, 1st floor)
       Rashad Cassim, IFC Chair and Deputy Governor, South African Reserve Bank
       Claudio Borio, Head of Monetary and Economic Department, BIS

9:30  Session 1 – Addressing the impact of Covid-19 (room A, 1st floor)
Chair: Jan-Egbert Sturm, President, Centre for International Research on Economic Tendency Surveys (CIRET) Permanent Committee
Papers: Wealth inequality and COVID-19: evidence from the distributional financial accounts
       Elizabeth Holmquist, Board of Governors of the Federal Reserve System
**Sectoral financial positions and debt levels at the post-pandemic period**  
*Ahmet Tayyar Firat*, Central Bank of Turkey

**New rapid data for the Israel economy and making it accessible to all**  
*Daniel Rosenman*, Bank of Israel

**The effects of central bank interventions on non-performing loans during the Covid-19 pandemic: study case of Brazil and the United Kingdom**  
*Frederico Barros Diniz*, University of Warwick

**The effect of pandemic on Central Bank of Türkiye (CBRT) real sector database and post-pandemic adjustments**  
*Merve Artman*, Central Bank of the Republic of Turkey

11:00  **Break (1st floor foyer)**

11:30  **Session 2 – Microdata disclosure control: a practical perspective**  
(room A, 1st floor)

Chair:  Stefan Bender, Chair, International Network for Exchanging Experience on Statistical Handling of Granular Data (INEXDA)

Discussant:  Dominique Durant, Deputy Director-General Statistics, ECB

Papers:
- **Update on the work of the International Network for Exchanging Experiences on Statistical Handling of Granular Data (INEXDA)**  
  *Christian Hirsch*, Deutsche Bundesbank

- **Sharing researcher-generated code and value-added documentation in a Trusted Research Environment**  
  *Louise Corti*, Office for National Statistics, UK

- **A novel approach for Statistical Disclosure Control of a sensitive microdata set published in BELab data**  
  *Eugenia Koblents*, Bank of Spain

- **Introduction to and application of SDC rules using self-developed tools**  
  *Jannick Blaschke*, Deutsche Bundesbank

12:45  **Lunch (18th floor)**

14:15  **High-level Panel: The post-pandemic landscape for central bank statistics**  
(room A, 1st floor)

Chair:  João Cadete de Matos, Chairman, Portugal’s Autoridade Nacional de Comunicações (ANACOM)

Panellists:  Claudia Buch, Vice President, Deutsche Bundesbank

Rashad Cassim, IFC Chair and Deputy Governor, South African Reserve Bank

Pablo Garcia, Deputy Governor, Central Bank of Chile

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* Young statistician / *Italics: presenter*
15.30 Parallel sessions

Session 3.A – Coping with globalisation (ground floor)
Chair: Elizabeth Holmquist, Board of Governors of the Federal Reserve System

Papers:
- Nationality vs Residency Approach: measuring the impact of MNEs production structure on corporate financial statements statistics
  Klaus Gerstner and Susanne Walter, Deutsche Bundesbank
- Challenges in the external statistics framework: how to register MNE financial restructuring operations
  Nadia Accoto, Giuseppina Marocchi and Silvia Sabatini, Bank of Italy
- Does firm size predict the residency status of the final investor? Evidence from Romanian FDI enterprises
  Catalina-Florentina Pricope*, National Bank of Romania
- Who stands behind EU FDI investors? A novel characterisation of intra-EU FDI linkages using micro-data
  Carles Gomez-Llabrés, Fausto Pastoris and Martin Schmitz and, ECB
- A typology of captive financial institutions in Luxembourg: lessons from a new database
  Gabriele Di Filippo and Frédéric Pierret, Central Bank of Luxembourg

Session 3.B – Environmental statistics (room A, 1st floor)
Chair: Sarah Barahona, Head of National Accounts, OECD
Discussant: Christian Schmieder, Secretary of the IFC WG on sustainable finance statistics

Papers:
- Microdata base of sustainability indicators (ESG) developed at Bank of Spain: analyzing climate change data gaps
  Borja Fernández-Rosillo*, Bank of Spain
- Constructing forward-looking climate-related physical risk indicators - how can we use existing climate data from private data providers to extract relevant forward-looking aggregates at a sector and/or country level
  Maurice Fehr and Elena Triebskorn, Deutsche Bundesbank, and Jens Mehrhoff, IMF
- Materiality of ESG factors in financial markets and financial statistics
  Farah Izzaty Azman and Patrick Slovik, Central Bank of the United Arab Emirates
- An estimation of the carbon footprint in the Spanish credit institutions’ portfolio of loans to firms
  Luis Ángel Maza, Bank of Spain

* Young statistician / Italics: presenter
**Measuring the emissions profile of green exchange-traded funds: lessons for official statistics**
Hendrik Christian Doll, Maurice Fehr, *Ece Yalcin-Roder* and Gabriela Alves Werb, Deutsche Bundesbank

**17:00**  
**Break** (1st floor foyer)

**17:30**  
**Session 4 – New perspective for central banking statistics** (room A, 1st floor)

**Chair:** Luis Teles Dias, Deputy Director Statistics Department, Bank of Portugal

**Papers:**

- **The euro short-term rate (€STR) – the new role of central bank statistics in financial markets**  
  Ludovica Amorese, Javier Huerga and Ronald Rühmkorf, ECB

- **Something old, something new: a reflexion on the new normal for statistical producers**  
  Lígia Maria Nunes, Bank of Portugal

- **Pulling ourselves up by our bootstraps: the greenhouse gas value of products, enterprises and industries**  
  Ulf von Kalckreuth, Deutsche Bundesbank

- **A characterisation of financial assets based on their cash-flow structure**  
  Celestino Girón, ECB

**18:45**  
**Close of day 1 and departure for the dinner event**

**19:00**  
**Dinner event at Farmhouse Basel** (Schällenursli, St. Margarethengut Binningen)

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* Young statistician / Italics: presenter
26 August 2022

**Session 5 – New (big data) analytics** (room A, 1st floor)

Chair: Steffi Schuster, Director Data, Statistics & Analytics, Reserve Bank of New Zealand

Papers:

- *A timely estimation of local investment trends using administrative data*
  Michele Loberto, Bank of Italy

- *Using the press as a real-time economic confidence indicator*
  Juan Pablo Cova M, María del Pilar Cruz N and Hugo Peralta V, Central Bank of Chile

- *Measuring macroprudential policy credibility using machine learning*
  Muhammad Abdul Jabbar*, Nursidik Heru Praptono, Okiriza Wibisono and Alvin Andhika Zulen, Bank Indonesia

- *A probabilistic method for reconstructing the FDI network in search of ultimate hosting economies*
  Nadia Accoto, Costanza Catalano and Valerio Astuti, Bank of Italy

**10:15** Break (1st floor foyer)

**Session 6 – Fintech and digital assets** (room A, 1st floor)

Chair: Li Ming Ong, Director Data Management and Statistics, Bank Negara Malaysia

Papers:

- *Sentiment analysis of user’s reviews on non-bank payment service apps*
  Muhammad Hafiruddin, Mohammad Khoyrul Hidayat, Arinda Dwi Okfantia and Nursidik Heru Praptono*, Bank Indonesia

- *Fintech in NACE: Suggestions and tentative figures for Germany, France and Spain - Fintech types, data needs of central banks, suggestions for classification of activity and tentative figures*
  Ulf von Kalckreuth and Norman Wilson, Deutsche Bundesbank, Celestino Giron and Urszula Kochanska, ECB, Enzo Buthiot and Yann Wicky, Bank of France, and Luis Ángel Maza and Román Santos, Bank of Spain

- *Issues on reflecting digital assets to the Flow of Funds Accounts*
  Yoshiko Sato, Bank of Japan

- *Digitally-enhanced macroeconomic statistics manuals: the quest for methodological serviceability and compilation synergies*
  Celestino Girón, co-authored with other ECB staff, ECB

- *Measuring payment system policy credibility using machine learning*
  Muhammad Abdul Jabbar, Okiriza Wibisono* and Alvin Andhika Zulen, Bank of Indonesia

**12:15** Sandwich lunch (1st floor foyer)

**Session 7 – Improving the quality of official statistics** (room A, 1st floor)

Chair: Silke Stapel-Weber, Director-General Statistics, ECB
A decision-making rule to detect insufficient data quality - an application of statistical learning techniques to the non-performing loans banking data
Paolo Cimbali, Marco De Leonardis, Alessio Fiume, Barbara La Ganga, Luciana Meoli and Marco Orlandi, Bank of Italy

Data quality management of entity group data: relevance and tools to address current challenges
Bruno Carreiras*, ECB

Big data analytics on payment system data for measuring household consumption in Indonesia
Muhammad Abdul Jabbar, Renardi Ardiya Bimantoro, Mohammad Khoyrul Hidayat and Alvin Andhika Zulen, Bank of Indonesia

Quantitative analysis of haircuts in Japan’s securities financing transactions
Kana Sasamoto and Kazuya Suzuki, Bank of Japan

How can big data improve the quality of tourism statistics? The Bank of Italy’s experience in compiling the “travel” item of the Balance of Payments
Andrea Carboni, Costanza Catalano and Claudio Doria, Bank of Italy

15:00 Session 8 – Financial microdata insights (room A, 1st floor)
Chair: Ko Nakayama, Associate Director-General Research and Statistics, Bank of Japan

Papers: Banks’ real estate exposures: risk-based approach to measurement of exposures and concentrations
Farah Izzaty Azman and Patrick Slovik, Central Bank of the United Arab Emirates

Portfolio diversification, similarity and the dynamics of institutional investors holdings network
Ariel Mantzura, Bank of Israel

Statistical matching for anomaly detection in insurance assets granular reporting
Vittoria La Serra* and Emiliano Svezia, Bank of Italy

Making omelettes without new eggs: a story about a self-sufficient way of producing new statistic
Miguel Fonseca and Sonia Mota, Bank of Portugal

16:15 Closing remarks and Announcement of the Young Statistician Award
(room A, 1st floor)
Rashad Cassim, IFC Chair and Deputy Governor, South African Reserve Bank

16:30 Close of day 2