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
11:30 Registration (ground floor)
12:00 – 13:00 IFC access to the material of the European Master in Official Statistics (EMOS)
Chair: Robert Kirchner, Deputy General Director Statistics, Deutsche Bundesbank
Panellists: Emanuele Baldacci, Director of Methodology, IT and corporate statistical services, Eurostat
Luis Teles Dias, Deputy Director Statistics Department, Bank of Portugal
Ralf Münich, 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

* Young statistician / Italics: presenter
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
Aurel Schubert, Honorary Professor and Lecturer, Vienna University of Economics and Business, and Chair European Statistical Governance Advisory Board

15.30 Parallel sessions

Session 3.A – Coping with globalisation (room A, 1st 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 (ground 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
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)
26 August 2022

9:00  **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, Central Bank of Chile
- A Bayesian algorithm for sample selection bias correction
  Valerio Astuti, Bank of Italy
- 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

10:30 Break (1st floor foyer)

11:00  **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
  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
  Okiriza Wibisono*, Bank of Indonesia
12:30  **Sandwich lunch** (1st floor foyer)

13:30 **Session 7 – Improving the quality of official statistics** (room A, 1st floor)
**Chair:** Silke Stapel-Weber, Director-General Statistics, ECB

**Papers:**
- *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**