

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

**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**  
**– 15:30**      **(EMOS)** (room A, 1st floor)

Chair:        Robert Kirchner, Deputy Director General Statistics, Deutsche Bundesbank

Panellists:    Emanuele Baldacci, Director of Resources, Eurostat

Luís Teles Dias, Deputy Director Statistics Department, Banco de 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, European Central Bank (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 and Professor of Economics Research, KOF Swiss Economic Institute

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 the Republic of Türkiye

**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, UK

**The effect of pandemic on Central Bank of Türkiye (CBRT) real sector database and post-pandemic adjustments**

*Merve Artman*, *Fatih Yilmaz Mete*, *Mustafa Tanyer* and *İsmail Onur Yılmaz*, Central Bank of the Republic of Türkiye

**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), Deutsche Bundesbank

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)**

*Stefan Bender*, *Jannick Blaschke* and *Christian Hirsch*, Deutsche Bundesbank

**Sharing researcher-generated code and value-added documentation in a Trusted Research Environment**

*Louise Corti* and *Hannah Hodge-Waller*, Office for National Statistics, UK

**Joint secondary anonymisation of categorial and numerical variables in sensitive time series microdata - novel approach for Statistical Disclosure Control of a sensitive microdata set published in BELab data laboratory**

*Eugenia Koblents* and *Alberto Lorenzo Megía*, Bank of Spain

**Introduction to and application of SDC rules using self-developed tools**

*Jannick Blaschke*, *Matthias Gomolka*, *Christian Hirsch*, *Sebastian Seltmann* and *Harald Stahl*, 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, National Regulatory Authority for Communications (ANACOM), Portugal

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** (rooms QRST, 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, Javier Gonzalez, Santiago Martinez and Maria Garcia Riego, Bank of Spain, Florian Resch and Stefan Kischner, Austrian Central Bank, Alexandre Neves and Diogo Silva, Banco de Portugal

**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 European FDI investors? A novel characterisation of pass-through within the EU**

Carles Gómez-Llabrés, *Fausto Pastoris* and Martin Schmitz, 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 for sustainability indicators (ESG) developed at the Banco de España**  
*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 Triebkorn*, Deutsche Bundesbank, Jens Mehrhoff, IMF

**Materiality of ESG factors in financial markets and financial statistics**

Farah 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 – experimental statistics for credit institutions in Spain**

*Luis Ángel Maza*, Bank of Spain

**Measuring the emissions profile of green exchange-traded funds – initial finding and 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:        Luís Teles Dias, Deputy Director Statistics Department, Banco de Portugal

Papers:      **The euro short-term rate (€STR) – the new role of central bank statistics in financial markets – a financial benchmark fully based on statistical microdata**

*Ludovica Amorese*, Javier Huerga and Ronald Rühmkorf, ECB

**Something old, something new: a reflexion on the new normal for statistical producers**

*Lígia Maria Nunes*, Banco de Portugal

**Product level greenhouse gas contents – how to get there?**

*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 restaurant** (Schällenußli, 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*, Hugo Peralta V and María del Pilar Cruz N, 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*, Valerio Astuti and *Costanza Catalano*, Bank of Italy

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

**10:45**      **Session 6 – Fintech and digital assets** (room A, 1st floor)

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

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

**Fintech in statistical classifications: suggestions and tentative figures in a central bank context**  
*Ulf von Kalckreuth* and *Norman Wilson*, Deutsche Bundesbank, *Celestino Giron* and *Urszula Kochanska*, ECB, *Enzo Buthiot* and *Yann Wicky*, Bank of France, *Luis Ángel Maza* and *Román Santos*, Bank of Spain

**Issues in reflecting digital assets in 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*, ECB

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

**12:15**      **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**

Renardi Ardiya Bimantoro, *Mohammad Khoirul Hidayat*, Muhammad Abdul Jabbar and *Alvin Andhika Zulen*, Bank Indonesia

**Quantitative analysis of haircuts: evidence from the Japanese repo and securities lending markets**

*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 Azman and *Patrick Slovik*, Central Bank of the United Arab Emirates

**Examining concentration and similarity in institutional investors' holdings**

*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*, Banco de 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**