

Workshop on data security and privacy

Banco de Portugal and Irving Fisher Committee

14 and 15 September 2026, Lisbon

The workshop will be held in the Money Museum of Banco de Portugal
Address: Largo de S. Julião, 1100-150 Lisbon

Provisional agenda

Monday, 14 September 2026

09:00 Registration and welcome coffee

09:30 Introductory remarks

IFC Executive Member (TBC)

Member of the Board, Banco de Portugal (TBC)

09:45 Keynote speech

Yasser Alhelaly – NOVA MDS - Management and Data Science School

10:45 Coffee break

11:15 Session 1: Foundations of data privacy: concepts, trade-offs and governance frameworks

Chair: TBC

- *Balancing privacy and utility: anonymisation and pseudonymisation* (TBC – National Bank of Belgium)
- *Protecting data and its value: preserving analytical utility* (Mário Lourenço, Francisco Fonseca – Banco de Portugal)
- *Privacy by design in data governance* (Rita Choudhury, Rosemarie Dember, Gianluca Damiani – European Central Bank)
- *A practical three-tier framework for data privacy* (Fatih Yalçın Mete, Mehmet Doğukan Deniz – Central Bank of the Republic of Türkiye)

12:45 Family photo and lunch break

14:00 Session 2: Data management: secure data architectures and access control

Chair: TBC

- *Fine-grained vs coarse-grained access control* (Bernadette Lauro – European Central Bank)
- *Safeguarding data confidentiality in Banca d'Italia: current practices and future challenges* (Emiliano Svezia, Alissa Pelino, Antonio Bovenzi – Banca d'Italia)
- TBC (Salvador Gómez García – Banco de México)
- TBC (Marco Marini, Jennifer Trotsko – International Monetary Fund)

15:30 Coffee break

15:45 Session 3: Securing data privacy in practice: microdata labs and federated analytics

Chair: TBC

- *Exploring privacy preserving methods for large scale credit microdata at BELab* (Eugenia Koblents, Ana Esteban – Banco de España)
- *Secure access to sensitive microdata: the BPLIM approach* (Paulo Guimarães, Gustavo Iglesias, Rita Sousa – Banco de Portugal)
- *Insights without data disclosure: unlocking granular supervisory information with privacy-enhancing technologies* (Jakub Demski – Bank for International Settlements)

17:00 End of presentations

18:00 Cultural event and social dinner - TBD

22:00 End of day 1

Tuesday, 15 September 2026

8:45 Welcome coffee

9:15 Session 4: Privacy-enhancing technologies: from synthetic data to confidential computing and agentic AI

Chair: TBC

- *Generating and validating synthetic unbalanced panel data: evidence from Italian firm microdata* (Marco Langiulli, Alessandro Moro, Mattia Orzincolo, Daniele Piras – Banca d'Italia)
- *Advancing privacy-preserving statistical innovation: Bank Indonesia's pilot on synthetic data for secure microdata access* (Anggraini Widjanarti, Akhmad Zacky Nugraha, Mohammad Khoyrul Hidayat – Bank Indonesia)
- *Producing shared digital asset indicators without exposing microdata: a confidential computing approach* (Vincent Lee Wai Seng, Nur Aisyah Mohd Nasir, Chun Onn Pam – Bank Negara Malaysia)
- *Securing data with agentic AI* (TBC – Banco de Portugal)

10:45 Coffee break

11:15 Session 5: Governance beyond technology: risk-based data protection, sovereignty and statistical disclosure

Chair: TBC

- *Quantitative risk assessment for data privacy: probabilistic modelling and governance thresholds* (Ronald Rethabile Malamule Mahomane – University of KwaZulu-Natal (South Africa) / University of Namibia)
- *Cloud contracts, digital sovereignty and shared responsibility* (Michele Patricia Akiobe Songolo – Laval University, Quebec)
- *The algorithmic watchtower: realizing "decision sovereignty" through active metadata governance in Indonesia's central banking ecosystem* (Ihsan Aviangga Putra, Ringga Ardiansyah, Taufiq Ejaz Ahmad – Bank Indonesia)
- *The cell-key-method in a flexible user-facing environment* (Matthias Rumpf – Cantabular)

12:45 Lunch break

14:00 Panel discussion: Data regulation and technological innovation - can we keep up?

Chair: TBC

Panellists: TBC

15:30 Closing remarks

IFC Executive Member (TBC)

Member of the Board, Banco de Portugal (TBC)

15:45 End of the workshop