IBFI
INTERNATIONAL BANKING FINANCE INSTITUTE

On-line seminar "Big Data and A.I."
May 20-21, 2025

Organiser: Luwana Schall

BANQUE DE FRANCE
EUROSYSTÈME

Programme[*]

Tuesday, May 20

Big data and AI: strategy and use cases

Paris local time

Time	No.	Speaker	Topic
10:00 - 10:15	1.	Luwana Schall (Banque de France, IBFI)	Organisational introduction to the seminar
10:15 - 10:30	2.	Luwana Schall (Banque de France, IBFI)	Results of the benchmark on big data/AI practices of other national central banks
10:30 - 11:30	3.	Jérôme Coffinet (Banque de France, DGSI)	Strategy and governance of big data and generative AI at the BdF (including the national framework in France)
11:30 - 11:40		*10-minute-break*	
11:40 - 12:40	4.	Jean-Charles Bricongne (Banque de France, DGSEI)	Use of data science techniques and generative AI to monitor the economy: the example of the BdF
12:40 - 14:00		*80-minute-break*	
14:00 - 15:00	5.	Jérôme Coffinet (Banque de France, DGSI)	Data platform offers at the BdF including ways of acculturation
15:00 - 15:10		*10-minute-break*	
15:10 - 15:55	6.	Edwige Burdeau (ACPR, DEAR)	Interconnection of data for the benefit of financial stability at the BdF/ACPR
15:55 - 16:00		*5-minute-break*	
16:00 - 16:45	7. 8.	Grzegorz Skrzypczynski (European Central Bank), Ilaria Gianstefani (DNB), Thibault Piquard (Banque de France, DGSO)	The challenges of derivative transaction data and their use for financial stability purposes (followed by a panel discussion)

Wednesday, May 21

Big data and AI: use cases and environmental aspects

Paris local time

Time	No.	Speaker	Topic
10:00 - 10:15		Luwana Schall (Banque de France, IBFI)	Introduction and review of the previous day
10:15 - 11:15	9.	Franck Carassus (Opendatasoft)	Webstat: Democratising the experience of consuming macroeconomic statistics
11:15 - 11:30		*15-minute-break*	
11:30 - 12:30	10. 11.	Etienne de l'Estoile (Banque de France, DGSO), Lisa Kerdelhue (Banque de France, DGSO) and Abel Koch (DNB)	Monitoring physical risks for the benefit of financial stability: the Digital Twins project (followed by a panel discussion)
12:30 - 14:00		*90-minute-break*	
14:10 - 14:55	12.	Hugues Ferreboeuf (The Shift Project)	AI and data: what infrastructures in a low-carbon world?
14:55 - 15:00		*5-minute-break*	
15:00 - 15:30	13.	Aline Pares and Tancrede Chovet-Cruzille (Banque de France, DGSI)	Green AI at the BdF
15:30 - 15:45	14.	Jérôme Coffinet (Banque de France, DGSI)	Closing remarks
15:45 - 16:00		Luwana Schall (Banque de France, IBFI)	Evaluation of the seminar

[*] Seminar in English

IBFI: International Banking and Finance Institute; DGSEI: Directorate General of statistics and economic studies and research; DGSI: Directorate General of the Information System; DDSA: Dat
DGSO: Directorate General of financial stability and operations

Ilaria GIANSTEFANI is a Financial Stability Economist at De Nederlandsche Bank (DNB). Prior to this, she worked as a Research Assistant in the Financial Stability Department of the Central Bank of Ireland. Her research and policy work focus on the interconnectedness between banks and non-bank financial institutions, as well as on monitoring liquidity risks arising from Dutch pension funds—particularly in the context of the ongoing transition to the new pension scheme. She holds a Ph.D. in Economics from the IMT School for Advanced Studies in Lucca, Italy.

Franck CARASSUS

Franck Carassus is the Co-founder and Chief Sales Officer at Opendatasoft, where he drives the global sales strategy, contributing to the company's growth across Europe, North America, the Middle East, and Australia. Since co-founding the company in 2011, he has helped more than 350 organizations worldwide improve operational efficiency and unlock the value of their data through data marketplace initiatives.

Prior to Opendatasoft, Franck spent 20 years in executive sales and business development roles at major software companies including HP Software, Symantec, and Novell. He holds a Master's degree in Finance from the European Business School (Paris) and postgraduate qualifications from Université Paris Cité and INSEAD.

Grzegorz SKRZYPCZYNSKI is a team lead in the Securities & Financial Market Data Division in DG-Statistics of the European Central Bank (ECB). He leads a team responsible for monitoring the collection, processing, and data quality of granular data on derivatives reported under the EU EMIR Regulation. He has also been actively participating in global working groups on harmonization of derivative contracts reporting, under the auspices of organizations such as CPMI, IOSCO, FSB, and ROC. He currently holds the position of co-chair of the ROC CDIDE (Committee on Derivative Identifiers and Data Elements).

At the ECB, Grzegorz was also involved in the work on Securities Holding Statistics and metadata management. Before joining the ECB in 2014 Grzegorz worked at the National Bank of Poland where he worked on the Investment Fund Statistics.

Jean-Charles BRICONGNE

Economics and Cooperation Directorate, a seconded national expert at the European Commission (DG ECFIN), advisor to the Banque de France's Director General Economics and Research, and Head of the trade and competitiveness division. He has written on various topics in applied trade analysis, globalisation statistics, financial macroeconomics, housing, migration, high-frequency indicators, and the implementation of data-science techniques in economics. He has published in various journals, including in the Journal of Econometrics and the Journal of International Economics. He holds a PhD from Paris I Panthéon-Sorbonne University and is an engineer from Ecole Centrale Paris.

Aline PARES is Head of Sustainable IT at the Banque de France (BdF). She leads the green IT strategic action plan and she is contributing to working groups in charge of defining standards and best practices in Green IT ecosystem. Previously, she has worked with banks as a senior consultant in process digitalization and enterprise architecture. She holds a Master's degree in Computer science with a specialization in artificial intelligence.

Etienne DE L'ESTOILE is a research economist in the Financial Stability directorate at Banque de France (BdF), specialized in macroprudential policies, real estate and environmental issues. Prior to that, he has worked in the statistics and data science division at Banque de France. He is finishing a PhD at Panthéon Sorbonne University.

Tancrède CHOVET is a data scientist of the Artificial Intelligence Expertise Center at the Banque de France (BdF). He currently works on the different innovating projects of the strategic AI initiative. He holds an engineering degree in mathematical engineering specilizing in datascience

Abel KOCH is a data scientist at the Data Science Hub of De Nederlandsche Bank (DNB). He graduated from Utrecht University with a master's degree in Artificial Intelligence. In his current role, Abel applies data science across various fields, including financial stress testing, synthetic data generation, and digital twinning for assessing physical climate risk exposures.

Jérôme COFFINET is Deputy Director of the Data and Analytic Services Directorate of the Banque de France (BdF). Previously, he occupied various positions in statistics, monetary policy, financial stability and banking supervision at the Banque de France and at the Autorité de Contrôle Prudentiel et de Résolution. He is currently a member of the Regulatory Oversight Committee of the Global LEI System and of the Central Bank Data Collaboration Group. He holds Masters degrees in physics, public administration and econometrics.

Lisa KERDELHUÉ is a research economist in the financial stability directorate at Banque de France (BdF), dealing with risk assessment, calibration and implementation of national macroprudential policies. Prior to that, she has worked for the OECD, the ECB and in the structural policy division at Banque de France. She holds a PhD from Aix-Marseille University.

Edwige BURDEAU graduated in 2010 from one of the top French engineering schools (ENSTA Paris Tech) and in 2012 from Sciences Po Paris. She joined the Banque de France in 2012. She worked during 5 years at the Directorate General of Statistics as an economist-statistician on methodological support for the development of new indicators applied to money markets and real estate markets. From 2017 to 2021, she was part of the team building the Datalake project, the first internal initiative to build a Data Platform. In 2021, she joined the French Prudential Authority (ACPR) as a data scientist and the product owner of the project SYNAPS, the data project for Financial Stability Teams.

Hugues FERREBOEUF has spent most of his professional career in the information technology sector, including 20 years in senior management positions. He has worked in various environments, such as large companies, high-growth companies and government agencies and has also been an entrepreneur, having created 3 companies. He is a graduate of École Polytechnique and Telecom ParisTech.

Convinced that we are going through major changes that require decisive and rapid action, he has chosen to use his experience to advise companies and public bodies on how to transform themselves in order to deal with the current digital, energy and societal transitions.

He is a partner in Virtus Management, a management consulting boutique he co-founded in 2017 and has also joined the think tank The Shift Project (*) since the end of 2016 where he has been leading the Lean ICT project (or how to make the digital transition environmentally friendly) and coordinating the production of seven reports on digitalization and sustainability.

He is also a conference speaker in France and abroad and a lecturer at Sciences Po Paris, and he took part in the Digitalization For Sustainability (D4S) European two-year research project.

 (*): The purpose of The Shift Project is to enlighten and influence the debate on the energy transition in France and Europe.