

## Online seminar “Big data and machine learning” - 6-7 June 2023

### Tuesday 6 June 2023 Big data in a central bank: data governance and applications for monetary policy

9:50 CET	10:00	<b>Julio RAMOS-TALLADA</b> International Banking and Finance Institute	Welcome and program presentation
10:00 CET	10:45	<b>Mohamed BOUTAYBI</b> Prudential Control and Resolution Authority	1. The regulatory dimension of data governance and management
10:45	11:30	<b>Merlin LAFFITTE</b> AI and Data science	2. Speech-to-text and theme detection in monetary policy speeches
11:30	12:15	<b>Guillaume BELLY</b> AI and Data science	3. ANSEDI: a prototype automatic categorisation tool, applied to the speeches of central bankers
12:15	12:30	<b>Julio RAMOS-TALLADA</b> International Banking and Finance Institute	Feedback on the benchmark questionnaire about central bank practices
		<i>Lunch break</i>	
14:00	14:45	<b>Sebastien DOERR, Douglas ARAUJO</b> BIS	4. Big data and machine learning in central banks
14:45	15:30	<b>Cécile ABRAINI</b> AI and Data science	5. The Codemir project: collecting and processing massive EMIR market data
15:30	16:15	<b>Vincent DUPRAT</b> Head of Sharing and Open Data	6. Recent developments in data governance

**Wednesday 7 June 2023**  
**Other big data and machine learning applications:**  
**forecasting, market analysis, rating**

10:00 CET	10:45	<b>Caroline JARDET</b> Deputy head of the Macroeconomic Studies and Synthesis Division	7. Nowcasting global GDP
10:45	11:30	<b>Mariam MAMEDLI</b> ISI Emerging Markets group	8. Macroeconomic forecasting using machine learning techniques and alternative data
11:30	12:15	<b>Baptiste MEUNIER</b> , ECB <b>Benjamin LIETTI</b> , HEC Lausanne	9. Using Big Data to analyse the business cycle
		<i>Lunch break</i>	
14:00	14:45	<b>Jean-Charles BRICONGNE</b> Deputy Director of Business Surveys and Microeconomic and Structural Analysis	10. Using Big Data to analyse the housing market
14:45	15:30	<b>Mateo CAICEDO</b> , <b>Lucas MORIN</b> Firms directorate	11. AI and firms' rating at the Banque de France
15:30	15:40	<b>Julio RAMOS-TALLADA</b> International Banking and Finance Institute	Seminar assessment