

SUPTECH WEEK 2023

AGENDA

Content partners



CAMBRIDGE SUPTECH LAB



BIS



DAY 2

5 December 2023

KEYNOTE



Cecilia Skingsley

Head

BIS Innovation Hub

SUPTECH-POWERED RISK BASED SUPERVISION

This session explores the role that supotech is playing in enabling and supporting risk-based supervision. Advanced technologies such as big data analytics, machine learning, Natural Language Processing (NLP), and network analysis are being deployed to identify, assess, and classify risks and thus prioritize supervisory actions. The goal is to improve risk identification and management with more effective and efficient utilization of limited supervisory resources. The panel will also discuss the required skills to interpret the output of these systems and integrate insights into the supervisory process.



Haoying (Ivy) Ou

Managing Director of
Supervision Data and
Analytical Insights

Office of the
Superintendent of Financial
Institutions Canada



Magno Condori

Deputy Superintendent
Superintendencia de
Banca, Seguros
y AFP



Javier Tarancon

Head of Information
Analysis

Banco de España



Perttu Korhonen

Head of Department
Financial Analysis
and Innovation
Quatar Financial Centre
Regulatory Authority

THE ETHIC AND REGULATION OF AI: Implications for Suptech

The State of SupTech Report has demonstrated a continued growth in the prominence of machine learning and AI-driven supervisory technologies within financial authorities. Central to this adoption is a requisite discussion and exploration of the ethical responsibilities arising from the widespread adoption of these technologies, particularly focusing on issues of fairness and accountability. This session will feature insights into the evolving legal and regulatory landscape surrounding AI applications, with a specific emphasis on how these frameworks will impact public sector use.

Audience members will walk away with a more nuanced understanding of the multifaceted challenges and opportunities at the intersection of AI, ethics, and regulation in the context of supervisory technologies, fostering a dialogue that guides responsible and compliant implementation in the financial sector.



Gabriele Mazzini
Team Lead-AI-Act-
Directorate
General CNECT
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Matt Grasser
Co-Head
Cambridge SupTech Lab



Elizabeth Adams
CEO
EMA Advisory Services



Per Nymand-Andersen
Lecturer
**Goethe-Universität
Frankfurt**

DATA JOURNEY: Collection, Validation, and Governance

Data is the lifeblood of financial supervision. It is crucial for financial authorities to have efficient processes across the spectrum of the data journey – encompassing collection, validation, and governance. This session will explore the current state of play and how financial authorities are meeting this challenge, both in terms of creating greater efficiency but crucially in adopting user-centric design to ensure that the data tools we create meet the needs of the end user – the supervisor. The panel will discuss how emerging technologies and techniques can potentially transform this data journey and overcome long-standing challenges, as well as the importance of experimentation to this transformation process.



Lewis Webber
Head of Division, RegTech,
Data & Innovation
Bank of England



Edita Lukaševičiūtė
Head of Governance
Bank of Lithuania



Noel Guinto
Director, Supervisory
Analytics
**Banco Sentral
ng Pilipinas**



Patrick Hoffman
Advisor
BIS Innovation Hub

THE ETHIC AND REGULATION OF AI: Algorithmic Fairness

This session convenes deep experts from technical research, academia, and central banking to examine the intricate dimensions of fairness in algorithmic decision-making. The session's primary goal is to delve into the technical advancements, ethical considerations, and real-world implications associated with algorithmic systems. By fostering dialogue among these diverse perspectives, the panel aims to identify collaborative pathways that bridge technical innovation, academic research, and regulatory policies, aiming for a collective approach to ensure fairness and equity in algorithmic outcomes across different sectors.



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