



BNP PARIBAS

FinAI-LAB



AI FOR LARGE-SCALE BANKING INFRASTRUCTURE

**STREAMING AI FOR
REAL-TIME BANKING
INTELLIGENCE**



Albert BIFET

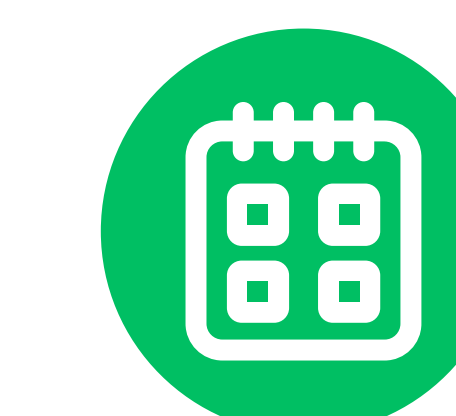
Professor

**AI FOR COMPLIANCE: CASE
STUDIES, OPPORTUNITIES
AND CHALLENGES**



**Shonali
Krishnaswamy**

Professor



Monday, 28 September 2026



14.15- 16.30



Grands Moulins de Pantin



**REGISTER TO THE
SEMINAR**

STREAMING AI FOR REAL-TIME BANKING INTELLIGENCE

Albert Bifet

In banking and financial services, data arrives continuously through transactions, markets, customer interactions, cybersecurity systems, and operational platforms. This talk introduces Streaming AI as a practical approach for building machine learning systems that learn in real time, adapt to change, and support fast, reliable decision-making.

With a focus on challenges relevant to BNP Paribas, the talk will discuss adaptive models, concept drift, anomaly detection, fraud detection, real-time monitoring, and responsible AI. It will show how Streaming AI can help financial institutions build scalable, robust, and trustworthy AI systems for dynamic, high-impact environments.

AI FOR COMPLIANCE: CASE STUDIES, OPPORTUNITIES AND CHALLENGES

Shonali Krishnaswamy

Compliance decisions must be defensible and traceable to policy. Drawing on deployed systems in health insurance claims and private banking surveillance, this talk shows why no single technique suffices: statistical methods catch quantitative outliers, generative models handle semantic anomalies and explanations, and domain knowledge codified through neuro-symbolic approaches makes the output trustworthy. Humans remain the decision point.

RESEARCH SEMINAR

SEPTEMBER 2026

14.15

ARRIVALS

14.30-14.40

INTRODUCTION

14.40-15.10

TALK BY PROFESSOR ALBERT BIFET

15.10-15.30

QUESTIONS & ANSWERS

15.30-16.00

TALK BY PROFESSOR SHONALI KRISHNASWAMY

16.00-16.20

QUESTIONS & ANSWERS

16.20-16.30

CONCLUSION