

Professional Training Course

Autumn School on Fintech

 @FBF_School

20 - 22 November 2019

Theatre - Badia Fiesolana, Via dei Roccettini 9 - San Domenico di Fiesole (Fiesole, Florence)

Instructors:

Philipp Paech *Course Director* | London School of Economics

Peter Kerstens | European Commission DG FISMA

Andres Lehtmets | EIOPA

Klaus Loeber | European Central Bank

Elisabeth Noble | European Banking Authority

Introduction

‘FinTech’ denotes a broad array of technologically-enabled financial services and products. The existence of the Internet and of personal mobile devices allows new ways of doing finance, in particular since applications comprise elements of artificial intelligence, cloud computing, distributed ledger (‘blockchain’) or other new technologies.

Fintech has a disruptive impact on the market, where banks and other traditional providers are reshaping their business models so as to withstand the entry into the market by innovative start-ups and big technology companies and social media networks. This disruptive effect has direct consequences for legislators and regulators, as traditional regulatory approaches may need to be adapted to reflect relevant policy lines. Thus, the entire regulatory perimeter may come under strain, in particular as regards consumer protection, systemic risk prevention, operational and cyber risks and the avoidance of money laundering and other illegal activity. At the same time, regulators are aware of the need to allow the market to develop, thereby ensuring optimal choices for consumers and businesses, and the competitiveness of European financial markets in the world.

Learning objectives

The objective of the course is to

- to provide insight into how financial services and products evolve using technology, and how relevant business models are adapted



- to identify the main existing regulatory parameters of EU financial regulation relating to FinTech (data protection rules, prudential regulation, AML, PSD2, consumer protection)
- to build an understanding of the challenges of FinTech for the protection of consumers and MSMEs and for financial stability;
- to highlight the relevant issues of competitiveness in the global financial market,
- to build a detailed understanding on how regulatory tools and strategies will have to be shaped, and
- to enable participants to contribute to the debate on how to conceive relevant regulatory answers.

Target Group

- Policy-makers and experts from European institutions and agencies (European Commission, European Central Bank, European Systemic Risk Board, European Banking Authority, European Stability Mechanism)
- Policy-makers and experts from National Finance Ministries, National Central Banks, National Competition Authorities, and officials from Foreign Affairs Ministries.
- Practicing lawyers and private banking practitioners
- PhD researchers and post-doc researchers

Level

Introductory/intermediate

Prerequisites

- Graduate degree or equivalent
- Prior professional exposure to financial regulation

Programme

20 November

09.15 - 09.30 *Welcome and presentation of the Florence School of Banking and Finance*

09.30 - 10.45 Session 1: Introduction to Fintech

The conceptual framework for distinguishing between various types of FinTech enabled activities and resulting business cases

10.45 - 11.00 *Coffee break*

11.00 - 12.45 Session 2: Technology and Fintech

Technological innovations underlying Fintech: blockchain/DLT, artificial intelligence, cloud, API, etc.

12.45 - 14.00 *Lunch*

14.00 - 15.30 Session 3: FinTech, money and other financial assets

- payment services and systems
- digital money, cryptocurrencies
- securities and cash settlement

15.30 - 15.45 *Coffee break*

15.45 - 17.15 **Session 4: Case study: Digital money**

After the course *Social activity in the city centre*

21 November

09.15 - 10.30 **Session 5: FinTech and investment**

- Credit scoring
- Robo advice
- Online funding (intermediation and match-making)

10.30 - 10.45 *Coffee Break*

10.45 - 12.15 **Session 6: Fintech and compliance**

- RegTech and SupTech
- AML and CTF

12.15 - 13.30 *Lunch*

13.30 - 15.00 **Session 7: Regulatory challenge 1 - Data protection**

- Personal data
- Data Minimisation

15.00 - 15.15 *Coffee break*

15.15 - 16.45 **Session 8: Case study - AI and data protection**

17.00 - 18.30 *Guided Tour at the European University Institute*

18.30 -19.00 Dinner Speech by **Andres Lehtmets** | EIOPA

19.00 - 21.30 *Dinner at the European University Institute*

22 November

09.15 - 10.30 **Session 9: Regulatory challenges 2 - technological change and competition**

- Understanding of technology
- Rethinking outsourcing
- Governance of DLT
- Standardisation

10.30 - 10.45 *Coffee Break*

10.45 - 12.15 **Session 10: Regulatory challenge 3 - Disruption and competition**

- Tech neutrality
- Fragmentation
- Access

12.15 - 13.30 *Lunch*

13.30 - 15.00 **Session 11: Mapping regulatory evolution**

15.00 - 15.15 *Coffee Break*

15.15 - 16.15 **Session 12: Implementing and facilitating the regulation of innovation**

Sandboxes

16.15 - 16.30 **Closing remarks**