



The brightest minds in finance

Fintech - The Disruption of Finance by Technology

Understand the impact of automation, AI, big data and blockchains on finance. Discover how to profit.

Over the last decade, a number of new technologies have transformed the finance industry. These innovations, popularly called fintech, include technologies such as big data, artificial intelligence (AI), blockchains, and cryptocurrencies. This is causing the incumbent firms to reorganize themselves – in many cases by adding digital technology, by buying startups, or by restructuring themselves. But their competitors include not just young startups but giant technology firms such as Google, Meta, Apple, Amazon, Alibaba, and Tencent among others. How can these challenges be best managed?

The 3-day **Fintech - The Disruption of Finance by Technology** program is designed both to present a basic overview of fintech, how fintech is disrupting the financial industry, and the influence of technology in financial services, and to ensure that participants understand both the benefits and risks associated with the trading of data.

How you will benefit

By attending the program, you will

- Understand why finance is being disrupted by technology
- Identify what areas of your own organization might be at risk from automation
- Brainstorm on ways to effectively implement the disruptive effects of technology into your own organization
- Understand when and why you might need blockchains
- Discover when AI is most likely to be effective

Who should attend

Because the **Fintech - The Disruption of Finance by Technology** program presents a broad overview of fintech and related subjects, it will be very useful to many groups of people. Any industry executives, entrepreneurs, and investors who need to understand all aspects of this changing landscape, will greatly benefit from attending.

Please contact us should you feel the need to verify your level of knowledge.

"The program will show how fintech can be a force for good in using data to gain insights that benefit consumers and financial service providers."

Raghu Rau, Professor of Finance Cambridge Judge Business School

Program at a glance

Day 1

Understanding information flows in firms and markets

- Information problems in firms
- Imperfect information, asymmetric information, and behavioral biases
- Digitalization and information flows within firms and markets
- Organizing data in firm
- Capturing multi-dimensional preferences and data from stakeholders
- Case studies

Day 2

Distributed Ledgers: Bitcoin, Blockchain, and Beyond

- What is bitcoin?
- What is a distributed ledger? When is it useful?
- When are blockchains useful?
- Mining blocks in class
- Understanding smart contracts
- The problems with poor smart contracting
- Case studies
- Brainstorming: Threat and Opportunity Analysis

Day 3

AI and Machine Learning; Transforming the financial firm

- How are AI systems created?
- Do AI systems help understanding employees and customers better?
- Can deep learning help detect fraud?
- The problems of AI systems
- The dark side of technology
- Brainstorming: Threat and Opportunity Analysis
- Using information to transform the financial firm
- Case studies

3 days | € 3,950 | Check AIF.nl for dates

The expert

Meet the brightest minds in finance. Learn from the world's leading finance academics and experienced corporate executives.



Raghavendra Rau is the Sir Evelyn de Rothschild Professor of Finance at the Cambridge Judge Business School. He is

also a founder and director of the Cambridge Centre for Alternative Finance (CCAF), as well as a member of the Cambridge Corporate Governance Network (CCGN).

Raghu Rau has taught at a number of universities around the world, including the Institut d'Etudes Politiques de Paris (Sciences PO), Paris-Dauphine, the University of Luxembourg, the Indian School of Business, Purdue University, the University of California at Los Angeles, and the University of California at Berkeley. He was Principal at Barclays Global Investors, then the largest asset manager in the world, in San Francisco from 2008-2009.

Professor Rau is a former editor of Financial Management. He is also a past president of the European Finance Association. He serves on numerous academic editorial boards including journals such as the Journal of Corporate Finance, and the Journal of Banking and Finance. His research has frequently been covered by the popular press including the New York Times, the Financial Times, the Wall Street Journal, and The Economist, among others.

In 2015, Raghu was awarded the Ig Nobel Management Prize for his paper "What doesn't kill you will only make you more risk-loving: Early life disasters and CEO behavior".

Enrolling & practical information

Enrollment requirements

AIF considers each enrollment application carefully to ensure the quality and level of the program is maintained and that participation of candidates is beneficial to both themselves and their organizations. The general prerequisite for all AIF programs is the possession of an academic or equivalent degree, as well as proficiency in English and practical experience.

Accommodation

AIF has special corporate rates available for participants at a number of hotels in central Amsterdam.

Certificates

An AIF certificate of attendance is awarded to all participants who successfully complete the program.

Program location

The programs are held in the center of Amsterdam, within an easy walk from Amsterdam Central Station, and within 30 minutes from Schiphol international airport.

Program fees

Program fees include tuition, all comprehensive program materials, books, and any software that is required for the program, as well as luncheons and daily refreshments. Accommodation is not included.

In-company programs

For information on how AIF can add value to your organization via a tailored in-company program, please contact AIF directly at: +31 20 246 7140.

Ready to learn more? Find your program and reserve your place at [AIF.nl](https://aif.nl)

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