

Payments

in Digital Finance

Specialisation Brochure



About the Specialisation

The Payments in Digital Finance Specialisation has been created to channel the insights of industrial experts and pioneers to explain the meaning, process, and impacts of digitising the payment stack.

Decision-makers, regulators, finance, and technology professionals are encouraged to take this specialisation to understand the effects of the digital transformation on their organisations, and equip themselves with the knowledge to drive that change.



What will you gain from this Specialisation



An understanding of the introduction of Digital Payments and the different use cases



A comprehensive insight into the major changes and trends in the world of payments



A complete knowledge about the dynamics of the payments market

Learning Outcomes

1

Discover the history of different payment methods and their evolution

2

Learn to recognize and differentiate various payment methods

3

Learn about the role and importance of regulation in the payments industry

4

Acquire insight on how innovation may shape the future of payments

5

Learn about how new technologies are enabling product innovation in payments

6

Learn about digitisation strategies and trends



This Specialisation is for you if you want to...

1

Understand the role payments play(ed) in the functioning and development of society

2

Talk confidently about the different type of payment methods

3

Appreciate the influence of regulatory institutions on the industry

4

Recognise key factors driving innovation in the industry

5

Understand the role of technology in shaping the future of the payments industry.

Specialisation Structure

Personalise your learning experience

CFTE's specialisations are learning tracks composed of a number of short courses. They are designed to give you a comprehensive understanding of all relevant aspects of a subject - all while providing you with full flexibility as a learner. With the option of enrolling into individual courses or the entire specialisation, you are fully in command of:

What you want to learn
How you want to learn
When you want to learn

Test your knowledge and get recognised for your study

Within each course, you will be presented with a number of quizzes and an exam to test your newly acquired knowledge. After you have passed the exercises and the exam, you will receive the official Certificate of Completion to recognise your achievement.



Specialisation Lecturers



Jean-Michel Godeffroy

Jean-Michel Godeffroy is an independent consultant based in Paris. From 1998 to 2014, he was director general at the ECB, in charge of payments and market infrastructure issues.



Fred Bär

Fred Bär is a partner in Payments Advisory Group, an international business consultancy specialized in payments. He has advised on PSD2-related topics, on Instant Payments developments in Europe and recently on launch of the Vietnamese NAPAS ACH (with World Bank/IFC). He is the Secretary General of the European Automated Clearing House Association, of which he is also a former President. He was Director at various payments processors (equensWordline, EBA Clearing, Vocalink), a Board Member of International Giro Services, and a Board member of Interpay EGI, the first Dutch E-Money Institution. Prior to payments, Fred worked in the Telco-, Energy- and IT-industries.



Kim Ford

Kimberly (Kim) Ford is Senior Vice President, Government Relations, at Fiserv. She is responsible for development and implementation of the company's policy strategy and overall political advocacy engagement and represents Fiserv's political interests as the company's registered lobbyist in Washington, D.C.

Kim joined Fiserv from the U.S. Faster Payments Council (FPC), a business trade association focused on accelerating the implementation of faster payments in the U.S. She was the first Executive Director of the organization. Prior to her FPC work, she spent 15 years at First Data, starting her career there as Manager of Public Policy and rising to become Senior Vice President, Head of Global Government Affairs. During which time she also served on the board of the Electronic Funds Transfer Association, the Innovative Payments Association, the Secure Payments Partnership, and the Card Coalition. Prior to her career at First Data, she was Regional Director for U.S. Senator Bill Nelson of Florida.



Ritesh Jain

Ritesh is a Thought Leader, IT executive & Board Advisor with two decades of global experience in Digital Technology, Business Transformation, and Operations with fortune 500 companies like HSBC, VISA, Maersk to name a few. He led milestone changes in Financial Services, Fin-tech, Shipping, Telecom, and Government. Driven future of payments for VISA, delivered Apple Pay for VISA & Apple. Led transformation at Maersk & introduced milestone changes in the shipping industry and led recovery from the most significant cyber incident (Not Petya) in the industry. As a founder CTO built the first Robot Advisory platform and scaled it. Apart from Technology, Ritesh is an expert in Payments, Banking & Financial Services, Regulatory - KYC/AML, Open Banking/ PSD2, high transaction platform and services, reduction in operational cost and optimisation.



Michael O'Loughlin

Michael brings 15 years of experience in driving and fostering banking and payments innovations around the world (Citi, KPMG, CGI, Token). His particular expertise lies in the field of emerging technologies and global finance, acquired in strategy, advisory and startups. He is recognised as a thought leader with a deep understanding of the rapidly evolving global payments landscape..

Specialisation Curriculum

1

Course 1 The Historical, Economic and Social Importance of Payments

- Ch 1: A short history of money and payments: from the gift economy to digital
- Ch 2: Means of payments today: an analysis of the money supply
- Ch 3: Payments and settlements in the modern monetary system
- Ch 4: Payments in modern societies
- Ch 5: The future of money and payments

2

Course 2 Payment's Industry Fundamentals / The Stack

- Ch 1: The Payment Business Domains of today
- Ch 2: The Actors and Industry Structure
- Ch 3: The Different Payment Methods/Schemes
- Ch 4: Standards and Infrastructure
- Ch 5: Payment Operations
- Ch 6: Key Revenue and Expense Drivers in the Payment Industry

3

Course 3 Regulatory, Compliance, Risk, Security and Privacy Aspects

- Ch 1: Payments Regulation: Understanding the who, what and why of payments Regulation in the European Union
- Ch 2: Payment Regulation: Understanding the who, what and why of payments Regulation in the United States
- Ch 3: Payments Regulation: Understanding the who, what and why of payments Regulation in Asia-Pacific
- Ch 4: Financial Crime Compliance
- Ch 5: Data Privacy and Cybersecurity
- Ch 6: The Emerging Payments' Regulatory Landscape

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Course 4 New Technologies and Product Innovations

- Ch 1: Technology: What does a modern payments tech stack look like?
- Ch 2: Technology-driven innovation in action. Key areas and actors
- Ch 3: Leveraging Data and AI to improve customer experience and Combat Fraud
- Ch 4: The next frontier in Payments - Internet of Things (IoT) and Invisible Payments
- Ch 5: Potential Impact of DLT and CBDC on payments

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Course 5 Payment Product strategies & Business Model Innovations

- Ch 1: The Payments Business: who makes money in payments
- Ch 2: Business Model enhancing advantage and value creation through innovation in payments
- Ch 3: Data Monetisation and Identity Management Service
- Ch 4: Open Finance reshaping the Banking and Payments Industry

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Course 6 Leveraging Payments ecosystem & Driving digital transformation in payments

- Ch 1: What needs to be transformed - the rationale for a digital transformation programme
- Ch 2: How to kick-off and run a Payments DT/innovation programme
- Ch 3: Taking Inspiration & leveraging the Digital Payments ecosystem to transform your e-business
- Ch 4: Taking inspiration & leveraging the Digital Payments ecosystem to transform your corporate finance functions

FAQ



How do I learn?

For each course that you have registered for - all courses if you have signed up to the specialisation - you will have full access to a collection of on-demand video lectures, expert interviews, and assessed multiple-choice questions. Additionally, each chapter in a course also contains a lecture note, a glossary, as well as a series of required and recommended reading materials which are all downloadable for you to keep without expiry.

Moreover, your education doesn't end on completion of the course as you would have been given a lifetime membership of the CFTE Global Alumni Community.

The Finance industry is well-known for its constant change, how do I know that the content is up-to-date?

With Finance, Technology, and Entrepreneurship at the core of our education platform, CFTE and our partners update all courses at least once a year (and in many cases, a few times a year) to ensure that our content is always up-to-date and beneficial to our learners.

Hence, do not be surprised if your experience differs slightly from your colleague's experience from 3 months ago!

How many certificates do I get?

You will get a Certificate of Completion for every course that you have completed, provided that you have scored at least 80% in all of the quizzes and the final assessment.

Upon completion of all the courses for the specialisation, you will receive another certificate to recognise that you have satisfied all of the conditions to graduate from the specialisation.

What is the CFTE Global Alumni Community?

A network of over 40,000 professionals around the world, every individual who has studied with CFTE is invited to become a member of the online community, and of their local chapters (currently based in London, Singapore, and Hong Kong). Alumni are invited to exclusive networking events, social events, masterclasses, and gain priority & discounted access to any of our new courses in the future.



Centre for Finance, Technology and Entrepreneurship (CFTE)

A global education platform that aims to equip financial professionals and organisations with the necessary skills to remain competitive in a rapidly changing industry. With offices in London, Singapore, Hong Kong and Abu Dhabi, CFTE partners with Fortune 500 companies to build their knowledge in Financial Technology, whilst simultaneously supporting their digital transformation process.

Budapest Institute of Banking (BiB)

Our vision is to become an internationally recognised financial education institution and a market-leading financial education provided in our domestic market through our high quality, modern, innovative and experienced based learnings.



Centre for Finance, Technology and Entrepreneurship

CFTE

CFTE is a global, high-impact education platform missioned with providing finance professionals with the tools to bridge the gap between finance, technology and innovation in the digital era.

We address the needs of experienced personnel and organisations in the finance industry to equip them with the tools to understand and leverage the latest transformations happening in finance.

The platform is supported by the best minds in the industry, from global CEOs of the largest financial institutions, to entrepreneurs, investors, regulators and universities from all around the world.

At CFTE, we are always trying to answer this question: As a finance professional, what do I need to learn to be future-proof?

For that, CFTE takes a people-first approach in creating contextualised and engaging online programs that are scalable to train and transform people and organisations all across the globe.

60,000+

professionals from leading institutions use CFTE for their growth

J.P.Morgan

Google

Revolut

Goldman Sachs



Current Programmes



Fintech Foundation Specialisation

A comprehensive look into what is FinTech, the technologies powering it, the ecosystem of key players fueling the disruption and innovative new business models derived from integrating technology into finance.



AI in Finance Specialisation

For anyone wishing to tap into the opportunities unveiled by AI. Discover what is AI, how to implement an AI system and the latest applications of AI in Finance.



Open Banking and Platforms in Finance Specialisation

The new disrupting way of banking. From the viewpoint of incumbent and new entrants, understand this new business model and the technology and regulations associated with it.

Launching Soon

Payments in Digital Finance Specialisation

RegTech: Compliance in Finance Specialisation

Conversational AI in Banking Course

Intrapreneurship Course

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