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the European Union



ReThink Finance - integrating innovative paradigms and digital technologies into financial teaching and literacy

Project Number: 2021-1-RO01-KA220-HED-000029551

Funding Scheme: ERASMUS+ KA220

**Intensive Summer Programme
“Fintech: Digital Finance
and Blockchain”**

PERIOD: From 15th (WEDNESDAY) to 25th (SATURDAY) of JUNE 2022

Erasmus+ project for Higher Education Co-Funded by the European Union





DAY 1 (June 15, Wednesday)

Welcome session

Time	Learning goals and activities	Topic	Resources	Trainer
10 :00 – 10 :30	Registration			
10 :30-11 :30		Institutional welcome and presentation of the schedule of the Intensive Summer Programme		Diana Mihaiu
11 :30-13 :30	Helping students and teachers get to know each other and fostering team building	Bonding bridges		Diana Mihaiu Marta Maciejasz Robert Poskart
13 :30 – 15 :00	Lunch			
16 :00 – 20 :00	Networking activity			

DAY 2 (June 16, Thursday)

Digital technologies – an imperative transformation

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00	To clarify the summer school goals and the lectures contents	Introduction		Maurizio Pompella and the Teaching team
10:00 – 12:00	To introduce the students to the reasons why of the rapid development of new technologies applied to finance and financial intermediation, combined with the Blockchain spread in almost every field of economy and society.	Frontal teaching on « Digital technologies – an imperative transformation »	M. Pompella, Roman Matousek (2021), The Palgrave Handbook Of Fintech And	Maurizio Pompella

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Summer School “Fintech: Digital Finance and Blockchain”



			Blockchain, Palgrave- Macmillan.	
12:00 – 13:30 Lunch at LBUS Cafeteria (free of charge)				
13:30 – 14:30		Introduction to Trading Simulation		Radu Serban
14:30 – 16:30		Trading Simulation Stock Trak		Marta Maciejasz Robert Poskart
17-19	Sibiu Guided Tour (free of charge)			

DAY 3 (June 17, Friday)

The drivers of future changes in the digital era

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Maurizio Pompella
10:00 – 12:00	What are the key trends driving the future of the digital transformation? - Interactive presentation - discussions	Frontal teaching on « The drivers of future changes in the digital era »	Zia Qureshi and Cheonsik Woo (ed). “Shifting Paradigms: Growth, Finance, Jobs, and Inequality in the Digital Economy” Brookings Institution Press 2022 “Digital technologies for a new future”, UN-CEPAL 2022	Marta Maciejasz
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation Stock Trak		Radu Serban
14:30 – 16:30		teamwork / interaction		Marta Maciejasz

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Summer School “Fintech: Digital Finance and Blockchain”



		between multinational groups		Robert Poskart
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DAY 4 (June 18, Saturday)

Digitalization in financial sector – why it is different from other sectors

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Marta Maciejasz
10:00 – 12:00	How is digital technology impacting financial services industry? - Interactive presentation - discussions	Frontal teaching on « Digitalization in financial sector – why it is different from other sectors »	G. Andrade (ed.) “Shaping the future of financial services in the Digital economy” IDB 2019 Erik Feyen, Jon Frost, Leonardo Gambacorta, Harish Natarajan and Matthew Saal “Fintech and the digital transformation of financial services: implications for market structure and public policy” BIS Paper No 117, World Bank 2021	Marta Maciejasz
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation Stock Trak		Radu Serban Maurizio Pompella
14:30 – 16:30		teamwork / interaction between multinational groups		Marta Maciejasz Robert Poskart



DAY 5 (June 19, Sunday)

Trip day

Time	Learning goals and activities	Topic	Resources	Trainer
9-18		Trip to Bran Castle, Brasov	Optional and free of charge	

DAY 6 (June 20, Monday)

Not changing but adapting the business model for a better risk management, in financial sector

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Marta Maciejasz
10:00 – 12:00	How adapting the business model for a better risk management, in financial sector ? - Interactive presentation - discussions	Frontal teaching on « Not changing but adapting the business model for a better risk management, in financial sector »	S. Aramonte, W. Huang A. Schimpf <i>DeFi risks and the decentralisation illusion</i> , BIS Quarterly Review, December 2021 J. Weking, M. Mandalenakis, A. Hein, S. Hermes M. Böhm H.Krcmar <i>The impact of blockchain technology on business models – a taxonomy and archetypal patterns</i> , Electronic Markets (2020) 30:285–305 https://doi.org/10.1007/s12525-019-00386-3	Robert Poskart
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation Stock Trak		Radu Serban
14:30 – 16:30		teamwork / interaction between multinational groups		Maurizio Pompella



17-20		Astra Museum Sibiu (open air museum)	Free of charge	
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DAY 7 (June 21, Tuesday)

Understanding FinTech and how it changed the 21st century

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Robert Poskart
10:00 – 12:00	The goal of this section is gauging whether the technological developments and innovations that have been bringing about new patterns of banking and financial intermediation equate to the developments and disruptions observed in other sectors, and to follow how the process developed over the latest 25 years.	Frontal teaching on « Understanding FinTech and how it changed the 21st century »	M. Pompella, Costantino L., (2019), Fintech and Blockchain based Innovation, “UBERIZATION” of banks, in the Context of FIs Theory , Vestnik of UNN, Lobachevsky State University of Nizhniy Novgorod (RUSSIAN FED.), 4/2019. M. Pompella, Costantino L., (2021), Financial Innovation and Technology after COVID-19, a few directions for Policy Makers and Regulators in the view of old and new disruptors , EKONOMIKA, 100(2), pp. 40-62.	Maurizio Pompella
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation		Maurizio Pompella Antonio Fasano
14:30 – 16:30		teamwork /		Maurizio



		interaction between multinational groups		Pompella
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DAY 8 (June 22, Wednesday)

FinTech and EU – fostering a competitive and innovative financial sector

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Maurizio Pompella
10:00 – 12:00	What activities foster a competitive and innovative financial sector - Interactive presentation - discussions	Frontal teaching on « FinTech and EU – fostering a competitive and innovative financial sector »	I. A. Boitan K. Marchewka-Bartkowiak, Fostering Innovation and Competitiveness With FinTech, RegTech, and SupTech, DOI: 10.4018/978-1-7998-4390-0 <i>Fintech: a more competitive and Innovative European Financial sector</i> , Bureau européen des unions de consommateurs aisbl, Brussel, 2017 X. Suty, M. Raisch, M. Tooming, Jeff Lynn, Creating a more competitive and innovative financial market, European Commission	Robert Poskart
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation		Antonio Fasano
14:30 – 16:30		teamwork / interaction between multinational groups		Marta Maciejasz Radu Serban



DAY 9 (June 23, Thursday)

Digital banking. Products and Services in the Digital Finance

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Robert Poskart
10:00 – 12:00	Participants are introduced to the relevant innovations of digital finance, such as security tokens, peer-to-peer (P2P) lending, decentralised finance (DeFi). Opportunities for democratisation of finance and financial inclusion are contrasted with the challenges for public regulators and the new risks faced by market participants.	Frontal teaching on « Digital banking. Products and Services in the Digital Finance »	M. POMPELLA, Roman MATOUSEK (2021), The PALGRAVE HANDBOOK of Fintech and Blockchain , Palgrave-MacMillan.	Antonio Fasano
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation		Antonio Fasano
14:30 – 16:30		teamwork / interaction between multinational groups		Maurizio Pompella



DAY 10 (June 24, Friday)

Blockchain and cryptocurrency

Time	Learning goals and activities	Topic	Resources	Trainer
9:30 – 10:00		Sum up previous lecture		Antonio Fasano
10:00 – 12:00	Participants are introduced to the engine that powers fintech: blockchain. The exposition aims to be rigorous while accessible. Essential concept such as distributed ledgers, mining and hashing are presented. Starting from the original Bitcoin context, new use cases, such as smart contracts, are discussed.	Frontal teaching on « Blockchain and cryptocurrency »	A. NARAYANAN, J. BONNEAU, E. FELTEN, A. MILLER, S. GOLDFEDER (2016), Bitcoin and Cryptocurrency Technologies. A Comprehensive Introduction , Princeton University Press	Antonio Fasano
12:00 – 13:30 Lunch break*				
13:30 – 14:30		Trading Simulation		Robert Poskart
14:30 – 16:30		teamwork interaction between multinational groups	/	Marta Maciejasz



DAY 11 (June 25, Saturday)

Closing meeting

Time	Learning goals and activities	Topic	Resources	Trainer
9:30-13 :00		Students team presentations regarding building a Fintech Startup Discussions and evaluation Testimonials		Diana Mihaiu and the trainers

*For lunch we propose the following options:

- LBUS Cafeteria, full menu is approximately 5 euros (5 lei = 1 EURO).
- Super Mamma Self Service Restaurant (location: <https://goo.gl/maps/2SpNxRNx9zYAjbVA6>), full menu is approximately 5 euros.
- Just Eat It Restaurant, daily menu for about 5 euros (location: <https://goo.gl/maps/ZCsquadJazhTr1WNZ7>)
- Joy Me Pub (location: <https://g.page/Joymepub?share>), menu available here: <https://joymepub.ro/meniu/>
- Hug the Plate (location: <https://goo.gl/maps/vC3HeH1SFnQBA3jEA>), menu available here: <https://hugtheplate.ro/meniu/>
- Supporter Pub&Grill (location: <https://g.page/supportersportspubandgrill?share>), menu available here: <https://supporter.ro/meniu/>.

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1st block

1. M. Pompella, Costantino L. (2021), Financial Innovation and Technology after COVID-19, a few directions for Policy Makers and Regulators in the view of old and new disruptors, EKONOMIKA, 100(2), pp. 40-62.
2. M. POMPELLA; Roman MATOUSEK, The PALGRAVE HANDBOOK of Fintech and Blockchain, Palgrave-MacMillan
3. M. Pompella, Costantino L., (2021), Fintech and Blockchain based Innovation: Technology driven Business Models and Disruption, in: M. POMPELLA; Roman MATOUSEK, The PALGRAVE HANDBOOK of Fintech and Blockchain, Palgrave-MacMillan (Ch. 18).



4. M. Pompella, Costantino L., (2021), From Disruption to post-Pandemic Scenario, in: M. POMPELLA; Roman MATOUSEK, The PALGRAVE HANDBOOK of Fintech and Blockchain, Palgrave-MacMillan (Ch. 22).
5. M. Pompella, Costantino L., (2020), Fintech in Light of the 2020 Emergency: Excess Innovations to the Facts—From Securitization to Tokenomics, and More, Review of Business, St. John’s New York, Special Issue in Fintech, publ. online December 2020, <http://www.stjohns.edu/ROB>.
6. M. Pompella, Costantino L., (2019), Fintech and Blockchain based Innovation, “UBERIZATION” of banks, in the Context of FIs Theory, Vestnik of UNN, Lobachevsky State University of Nizhniy Novgorod (RUSSIAN FED.), 4/2019.

2nd block

1. Zia Qureshi and Cheonsik Woo (ed). “Shifting Paradigms: Growth, Finance, Jobs, and Inequality in the Digital Economy” Brookings Institution Press 2022.
2. “Digital technologies for a new future”, UN-CEPAL 2022.
3. G. Andrade (ed.) “Shaping the future of financial services in the Digital economy” IDB 2019
4. Erik Feyen, Jon Frost, Leonardo Gambacorta, Harish Natarajan and Matthew Saal “Fintech and the digital transformation of financial services: implications for market structure and public policy” BIS Paper No 117, World Bank 2021.
5. S. Aramonte, W. Huang A. Schrimpf *DeFi risks and the decentralisation illusion*, BIS Quarterly Review, December 2021.

3rd block

1. J. Weking, M. Mandalenakis, A. Hein, S. Hermes M. Böhm H.Krcmar *The impact of blockchain technology on business models – a taxonomy and archetypal patterns*, Electronic Markets (2020) 30:285–305. <https://doi.org/10.1007/s12525-019-00386-3>
2. I. A. Boitan K. Marchewka-Bartkowiak, *Fostering Innovation and Competitiveness With FinTech, RegTech, and SupTech*, DOI: 10.4018/978-1-7998-4390-0 .
3. *Fintech: a more competitive and Innovative European Financial sector*, Bureau européen des unions de consommateurs aisbl, Brussel, 2017
4. X. Suty, M. Raisch, M. Tooming, Jeff Lynn, *Creating a more competitive and innovative financial market* European Commission.

4th block

1. M. POMPELLA; Roman MATOUSEK, The PALGRAVE HANDBOOK of Fintech and Blockchain, Palgrave-MacMillan



2. A. NARAYANAN, J. BONNEAU, E. FELTEN, A. MILLER, S. GOLDFEDER (2016), Bitcoin and Cryptocurrency Technologies. A Comprehensive Introduction, Princeton University Press.