Ljubljana Blockchain Suptech

LOCATION: Ljubljana, Slovenia

DATE: 3rd and 4th of June 2021

1. [Registration LINK](#)
2. [Evaluation LINK](#)

The Jožef Stefan Institute is organizing a two-day event on the topic of Blockchains. The workshop will cover topics such as:

Cryptography, symmetric and asymmetric cryptography
Hash functions and their use in blockchains
Centralized and decentralized financial systems
Crypto wallets and Defi

Within the scope of the workshop, we will also present two use cases developed within the FINTECH project:
Use Case 2 – A Statistical Classification of Cryptocurrencies
Use Case 5 – Cryptocurrency market

In order to maximize the added value for the Slovenian regulator, all lectures will be given in Slovenian.

ABOUT THE EU GRANT

FinTech (Financial Technology) means "technology- enabled financial innovation." There is a strong need to improve the competitiveness of European FinTech, creating a common regulatory approach across all countries. This can help encourage innovations in banks and in B2B FinTech companies, in the application of big data, artificial intelligence and blockchain technologies, while authorities and researchers assess their risks. Europe has a broad mosaic of regulatory landscapes and technological innovations in finance. Regulators must move quickly and make important decisions about emerging scientific and business opportunities, without stifling their economic potential. The Fin-Tech project, under the EU's Horizon2020 funding scheme, aims to create a European FinTech risk management hub. To this end, it will develop ready-to-use FinTech risk management models which will be dynamically updated and aligned with best research and practice.

The project includes training to national regulators (suptech) and to European fintech hubs (regtech) by a group of independent experts that have leading research expertise in the measurement of the risks that arise from the application of big data, artificial intelligence and blockchain technologies and, specifically, of those arising from innovative payments, peer to peer lending and financial robo-advisory.

The project has started on January 1st, 2019 and will last until June 2021. The activities of the project include 6 research workshops with international regulators, 48 hours of suptech workshops for each national supervisor and 6 regtech workshops for Fintechs and innovative banks. Financial institutions will be the ultimate validator of the proposed FinTech risk management solutions, as the project will involve the risk management functions of a selected group of banks in writing a final assessment of the project's output (FinTech risk management models).

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 825215

Consortium Partners

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AGENDA

SUPTECH WORKSHOP I BLOCKCHAINS

Fin – Tech HO2020 project

27. May 2019
Jožef Stefan Institute
Jamova cesta 39, 1000 Ljubljana

27th May 2019 8.30 – 17.00

8.30 – 9.00	**Registration**
9.00 – 9.15	**Workshop opening remarks, Overview of FINTECH project** Marko Grobelnik, Jožef Stefan Institute
9.15 – 10.45	**History of Blockchain technology** Nastja Cepak, University of Primorska
10.45 – 11.00	**Coffee break**
11.00 – 12.30	**What are the building blocks of Blockchains?** Matjaž Krnc, University of Primorska
12.30 – 13.30	**Lunch**
13.30 – 15.00	**How do Blockchains work and what problems do they solve?** Jernej Vičič in Aleksandar Tošić, University of Primorska
15.00 – 15.15	**Coffee break**
15.15 – 16.45	**Cryptocurrencies, smart contracts and other applications of Blockchain technologies** Jernej Vičič in Aleksandar Tošić, University of Primorska
16.45 – 17.00	**Closing of workshop**

AGENDA

SUPTECH WORKSHOP VI BLOCKCHAINS

Fin – Tech H2020 project

3. June 2021
JSI/online, Ljubljana

3rd June 2021 8.30 – 15.00

8.30	**Logging on to MSTeams and introductory remarks**
8.30 – 9.30	**Cryptography – introduction and symmetric cryptography** Nastja Cepak, University of Primorska
9.30 – 9.45	**Break**
9.45 – 10.30	**Hash functions and their use in blockchains** Nastja Cepak, University of Primorska
10.30 – 10.45	**Break**
10.45 – 11.45	**Asymmetric cryptography** Nastja Cepak, University of Primorska
11.45 – 12.00	**Break**
12:00 – 12:45	**Blockchain wallets** Nastja Cepak, University of Primorska
12.45 – 13.00	**Break**
13.00 – 13.45	**Future Blockchain algorithms** Nastja Cepak, University of Primorska
13:45 – 14:30	**Use Case 2 – A Statistical Classification of Cryptocurrencies** Marko Grobelnik, JSI
14.30 – 15.00	**Evaluations and closing of workshop**

AGENDA

SUPTECH WORKSHOP VI BLOCKCHAINS

Fin – Tech H2020 project

4. June 2021
JSI/online, Ljubljana

4th June 2021 8.30 – 15.00

8.30	**Logging on to MSTeams and introductory remarks**
8.30 – 9.15	**Centralized and decentralized financial systems** Andrej Cepak, University of Ljubljana
9.15 – 10.00	**Crypto wallets and Defi** Andrej Cepak, University of Ljubljana
10.00 – 10.15	Break
10.15 – 11.30	**Cryptocurrencies and Defi market** Marina Markežič, Blockchain ThinkTank
11.30 – 11.45	**Break**
11.45 – 13.00	**Decentralized applications, stable coins and the current status** Marina Markežič, Blockchain ThinkTank
13:00 – 13:15	**Break**
13.15 – 14.30	**Use Case 5 – Cryptocurrency market** Marko Grobelnik, JSI
14.30 – 15.00	**Evaluations and closing of workshop**