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BLOCKCHAIN



BLOCKCHAIN ET GOUVERNANCE

L'innovation principale de la technologie blockchain est la décentralisation qu'elle permet.

Ce cours expliquera la différence entre une gouvernance centralisée et une gouvernance décentralisée. Nous donnerons quelques exemples de gouvernance sur blockchain publique, mais également sur blockchain privée ou de consortium.

Enfin, nous aborderons les différents niveaux auxquels la gouvernance peut s'appliquer : infrastructure, applications, smart contracts.

[View online](#)

Price: 16,00 €

Start date: 10.05.2023

Instructor(s): M. Fabrice Croiseaux

Language: French

Difficulty: Intermediate



CRYPTO ASSET AND TOKENIZATION

What's a blockchain - recap

- How is it possible to transfer money using blockchain?
- Crypto currency
- Wallet
- Tokenization of Fungible Token - Non Fungible Token - Use Cases (Financial) -Regulation

[View online](#)

Price: 12,00 €

Start date: 22.03.2023

Instructor(s): M. Thierry Grandjean from LIST

Language: English

Difficulty: Beginner



DEEP-DIVE INTO HYPERLEDGER

- Performance and privacy challenges of public blockchains
- Permissioned blockchains to address some of these issues
- Hyperledger Fabric architecture, performance, privacy features, and applications
- Hyperledger Indy architecture, performance, and applications in self-sovereign identity
- Hyperledger Besu architecture, performance, privacy features, and applications

[View online](#)

Price: 16,00 €

Start date: 21.03.2023

Instructor(s): Johannes Sedlmeir

Language: English

Difficulty: Intermediate



DLT FOR FINANCIAL SERVICES – WORKSHOP

This workshop is dedicated to professionals from the financial sector. It aims at giving more information on the technology and regulation in the financial services industry. This session will help the professionals grasp the impact of the technology on their business. It should as well give insights on the opportunities brought by the technology and its evolution as well as the regulatory framework.

[View online](#)

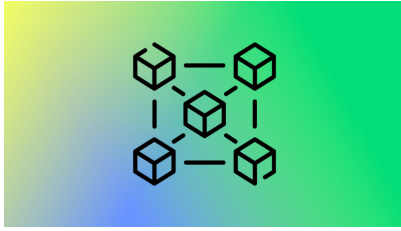
Price: 16,00 €

Start date: 07.04.2023

Instructor(s): M. Laurent Marochini

Language: English

Difficulty: Beginner



DLT GATEKEEPER

The DLT Gatekeeper path is designed for the persons interested in the legal aspects of the technology. You are into compliance, audit, legal functions, this is the path for you. It will give you the necessary skills to know the framework around the use of the technology in the financial industry or its application into the daily life. This will also help navigate the legal validity of transactions using the technology.

Interested learners can register for the entire learning track or for individual modules as desired.

- Module 1: [How to achieve viable financial asset tokenization](#) (date to be confirmed – 10 hours)
- Module 2: [Introduction to the Blockchain legal framework](#) (03.04.2023 – 2 hours)
- Module 3: [Legal aspects of tokenization](#) (12.04.2023 – 3,5 hours)
- Module 4: [Blockchain et Gouvernance](#) (10.05 – 17.05.2023 – 4 hours)
- Module 5: [Introduction to project funding via tokenisation](#) (07.06.2023 – 3,5 hours)
- Module 6: [Liability & Blockchain's Borderless nature](#) (27.06.2023 – 4 hours)

[View online](#)

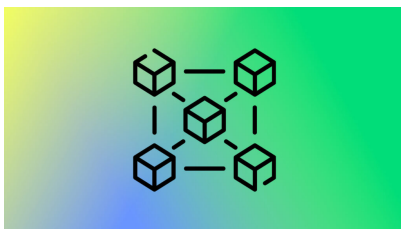
Price: 108,00 €

Start date: 03.04.2023

Instructor(s): different coaches from LUXEMBOURG BLOCKCHAIN LAB

Language: English

Difficulty: Beginner



DLT STARTUPER

This learning path has been designed with the entrepreneur in mind. This is the perfect path if you are creating your company or have your company and would like to use or implement DLT technology in your business. This will give you the necessary key to start experimenting with the technology while being able to navigate the framework around it.

Interested learners can register for the entire learning track or for individual modules as desired.

- Module 1: [How to achieve viable financial asset tokenization](#) (date to be

confirmed – 10 hours)

- Module 2: [Introduction to the Blockchain legal framework](#) (03.04.2023 – 2 hours)
- Module 3: [The future of Metaverse](#) (05.04 -12.04.2023 – 4 hours)
- Module 4: [Legal aspects of tokenization](#) (12.04.2023 – 3,5 hours)
- Module 5: [Introduction to Blockchain](#) (18.04 – 23.05.2023 – 18 hours)
- Module 6: [Blockchain et Gouvernance](#) (10.05 – 17.05.2023 – 4 hours)
- Module 7: [Liability & Blockchain's Borderless nature](#) (27.06.2023 – 4 hours)

[View online](#)

Price: 182,00 €

Start date: 03.04.2023

Instructor(s): different coaches from LUXEMBOURG BLOCKCHAIN LAB

Language: English

Difficulty: Beginner



EXPLORING AND UNDERSTANDING DIGITAL IDENTITIES/Self SOVEREIGN IDENTITY AND DIGITAL WALLETS

The course intends to explore a comprehensive understanding of digital identities. It will guide participants through understanding the concept of verifiable credentials (digital identities), digital wallets, blockchain, and decentralized identifiers. At the end of the course, the participant will acquire the knowledge of the whole schema of digital identities.

[View online](#)

Price: 32,00 €

Start date: 01.06.2023

Instructor(s): Dr. Adnan IMERI

Language: English

Difficulty: Beginner



INTRODUCTION TO BLOCKCHAIN

The course is designed for a broad audience of professionals looking to acquire a solid general understanding of blockchain technologies and their potential impact going forward. The course aims to provide the intellectual tools needed to assess various blockchain technologies and their suitability for solving a spectrum of business problems both in established contexts (big organisations) and in innovative settings (start-ups).

[View online](#)

Price: 72,00 €

Start date: 18.04.2023

Instructor(s): Sorin Cristescu & Wim Stalmans

Language: English

Difficulty: Beginner



INTRODUCTION TO PROJECT FUNDING VIA TOKENIZATION

The course gives a broad introduction to the financing of projects using blockchain and more specifically via tokenisation.

[View online](#)

Price: 14,00 €

Start date: 07.06.2023

Instructor(s): M. Alvaro Garrido Mesa

Language: English

Difficulty: Intermediate



INTRODUCTION TO THE BLOCKCHAIN LEGAL FRAMEWORK

The course gives a broad introduction to the legal framework around blockchain and guides the participants through an understanding of what is authorized, respectively regulated or prohibited when using the blockchain (in Luxembourg and in Europe). At the end of the course, the participant will have acquired a foundational understanding of the blockchain legal environment.

[View online](#)

Price: 8,00 €

Start date: 03.04.2023

Instructor(s): Me Zoé Wagner

Language: English

Difficulty: Beginner



LEGAL ASPECTS OF TOKENIZATION

The course gives an overview of the legal aspects surrounding tokenization, with a focus on security tokens.

[View online](#)

Price: 14,00 €

Start date: 12.04.2023

Instructor(s): M. Alvaro Garrido Mesa

Language: English

Difficulty: Advanced



LIABILITY & BLOCKCHAIN'S BORDERLESS NATURE: A LUXEMBOURG & EU LAW PERSPECTIVE AS APPLIED TO ASSET LIFECYCLE EVENTS

This course will provide a legal overview on the liability aspects of different intermediaries relying on blockchain records in case there is a failure at any stage of the lifecycle of an asset.

[View online](#)

Price: 16,00 €

Start date: 27.06.2023

Instructor(s): Philippe Noeltner, Roman Mazhorov & Antoine Toussaint

Language: English

Difficulty: Intermediate



SUCCESSFULLY MANAGE YOUR LEARNING TRACK

Participants will learn how to apply key principles and strategies for effectively managing their learning track as a learning project, from setting goals and creating a plan, to monitoring progress and evaluating success. The course will focus on a minimalistic practical framework to achieve results as planned in an agile environment, with [the open source P3.express approach](#). While the course is designed to support learners who are doing a DLH Learning Track, it is also for anyone who wishes to support their own learning roadmap.

[View online](#)

Price: 52,00 €

Start date: 20.04.2023

Instructor(s): Gregor Nicolas, Koen Cloostermans

Language: English

Difficulty: Beginner



THE FUTURE OF METaverse

- What is the Metaverse?
- How does it work? What are its objectives?
- Why could it be of interest to be present on the Metaverse?
- What does the future hold in the Metaverse space?

[View online](#)

Price: 16,00 €

Start date: 05.04.2023

Instructor(s): to be confirmed

Language: English

Difficulty: Intermediate



THE INTELLECTUAL PROPERTY TOOLBOX FOR THE SOFTWARE DEVELOPER

Overview of the intellectual property rights related to the development of a software.

Focus on free and open-source licenses.

Dealing with patents for computer implemented inventions.

[View online](#)

Price: 12,00 €

Start date: 13.04.2023

Instructor(s): M. Samuel Bex & Mme Mathilde Bailly

Language: English

Difficulty: Beginner



UNDERSTANDING AND CREATING OF DECENTRALIZED AUTONOMOUS ORGANIZATIONS (DAO)

Decentralized autonomous organizations (DAO) are powerful concepts supported by blockchain and smart contracts.

They can be used to improve trust in an "organization" by implementing a trust model. This course, at first sight, intends to show the audience the concept of the decentralized autonomous organization (DAO) its characteristics, and its usefulness.

Following, we show the technical characteristics of the DAO and ways to work with it.

[View online](#)

Price: 24,00 €

Start date: 10.05.2023

Instructor(s): TBC

Language: English

Difficulty: Beginner



WEB3 METHODS: AN EXPLORATION AND IMPLEMENTATION OF THE NEW INTERNET

This course intends to show Web3 methods in practice.

The objective is to give participants practical knowledge of blockchain's main concepts, such as Smart Contract characteristics and interaction with Smart Contracts via Web3 methods. In this course, we explore the powerfulness of Web3 methods (using Web3.js) and conceptualizing it with real-world applications. At the end of the course, the participant acquires a foundational understanding of Web3 methods and Blockchain programming.

[View online](#)

Price: 32,00 €

Start date: 30.05.2023

Instructor(s): Dr. Adnan IMERI

Language: English

Difficulty: Beginner