



**MALTA STOCK EXCHANGE
INSTITUTE**

**TOWARDS A
BRIGHTER
FUTURE**

Workshop: An Introduction to the Creation of Utility Tokens and NFTs on a Proof of Stake Blockchain

Course No 238

Attendees will be introduced to how blockchain technologies work. The different types of tokens will be presented in detail. The focus will then turn to utility tokens, which are blockchain-based assets that offer added value and can also automate processes and secure data with the help of smart contracts. In the lecture, case studies will be presented, the enormous potential of this technology will be shown, but also the risks will be pointed out and how red flags can be recognised. In a further applied workshop, the test network of a well-known proof of stake blockchain system will be used to show how utility tokens can be created and equipped with functionality. Participants can actively participate or passively follow the workflows. A testnet infrastructure available on the web shall be used, all tokens represent the same functions as in the “main net”; but are of course “valueless”.

This course is an applied extension of the Course 141 “Blockchain Technologies in Practice: Beyond the Speculation hype”.

Sample Topics Covered:

An outline of how blockchain technologies work

The different types of tokens

Blockchain assets that offer value

Proof of stake

Active or passive following workflows

The testnet infrastructure

General Information

Time:	09:00 - 11.30hrs
Venue:	Malta Stock Exchange <i>Subject to COVID-19 related restrictions</i> Online
Level:	Introductory

Schedule

Duration:	5 hours
Dates:	23, 24 June

Target Audience

Investors, financial services practitioners, advisors, lawyers, and persons interested in this new technology and in crypto currencies.

Registration fee: **€120 per participant**

- Full time student (50% discount)
- Senior citizen (50% discount)
- Group booking of 4 or more applicants from the same Organisation (10% discount)

Applications are to be made by clicking the **'apply now'** button and completing the online application process.

Malta Stock Exchange Institute Ltd.

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Lecturer

Mr Alexander Pfeiffer



Alexander Pfeiffer is a senior researcher and conceptual developer. He is co-founder of the Austrian-based Picapipe GmbH (Winner: Austrian blockchain award in 2020) and the Malta-based B&P Emerging Tech Lab. In 2019 he has been awarded a Max Kade grant to work at the MIT (Boston) in the field of blockchain technologies in education. In summer 2021 he returned to Danube-University in Krems, in order to set up the new future technologies lab. Following his lifelong learning credo, Alexander is also PhD candidate at the University of Malta.

Cheques to be made payable to: Malta Stock Exchange Institute Ltd.

Payments by bank transfer

Bank: Bank of Valletta plc
IBAN Code: MT04VALL22013000000040025119059
IBAN BIC: VALLMTMT

Kindly insert your NAME, SURNAME, ID CARD NUMBER and COURSE NUMBER in the transaction narrative.

This application is to be accompanied by payment or proof of payment by bank transfer.