

1-DAY WORKSHOP ON

FINANCIAL TECHNOLOGY

UNDERSTANDING BLOCKCHAIN AND CRYPTOCURRENCIES



Belstar is pleased to inform of its forthcoming training on **Understanding Blockchain & Cryptocurrencies.**

As the Fintech Revolution gathers momentum, our regulators are rolling up their sleeves. Changes to our financial landscape are imminent.

21 MAY 2018

Hennessy Park Hotel, Ebene

Rs 15,000

per Participant



MQA
APPROVED



COURSE DESCRIPTION

With blockchain and cryptocurrencies on the rise this course explains the underlying mechanisms. In order to understand the working we breakdown the digital ledger technology into its hashes and blocks before chaining them together. Then we compare Bitcoin to other cryptocurrencies. Finally, we actually setup a cryptocurrency wallet on a mobile device and transfer funds from one party to another.

On this course, participants begin to engage into the new world of cryptocurrencies.

Learning outcomes:

After the course, participants will be able to

- Explain the meaning of a hash, a block, a blockchain
- Understand the steps in the blockchain
- Appreciate how a cryptographic hash works (SHA-256)
- Identify the risks and limitations of the digital ledger technology (DLT)
- Spot applications for the blockchain
- Understand the different cryptocurrencies
- Set up a cryptocurrency wallet
- Transfer cryptocurrency

Who should attend:

- Anyone who earns a living through a finance related Function (ie) practically all professionals

The training will necessarily become technical at some point in time.

Petros, who is on his third visit to Mauritius, has the knack of putting across complex technicalities into simple terms. So, participants from ANY background are welcomed. However, an essential requirement prior to attending the training course is to have watched, perhaps more than once, on You tube a seven minute video entitled

**'The real value of bitcoin and crypto currency technology
- The Blockchain explained' by DutchChain at**

<https://www.youtube.com/watch?v=YIVAluSL9SU>

Important Participants should bring a web enabled mobile device provided with mobile data for exercising on a crypto currency wallet



COURSE CONTENTS

Introduction

Setting the frame
Session outline
Introductions
Expectations

Overview

The history of the blockchain
The whitepaper of Satoshi Nakamoto
The overall principles
Back to basics: the ledger

How does the blockchain work?

The transaction chain
The blockchain
Bitcoin generation
Transaction fees
Transaction speed

An actual blockchain demo

The hash
The block
The blockchain
The distributed blockchain
The tokens
Coinbase transactions

Security issues

Cryptographic hash
Managing more than 50% of CPU's
End of chain instability
Double spending problem
Time to transact
Deflationary nature of the code

Practical issues

Rewards
Benefits
Challenges

The programmable nature of the blockchain

What can be programmed into the blockchain
How this can be done

Cryptocurrencies

List of cryptocurrencies
Types of cryptocurrencies
Regulated versus unregulated cryptocurrencies

Cryptography and digital signatures

Hash
Encryption and decryptions
Symmetric and asymmetric keys
Private and public keys
Digital signature

Applications of the digital ledger technology

Payments
Storage of purchasing power
Digitalisation of assets
Digitalisation of contracts

Companies to watch

Types
Services
Capital base
Examples

Setting up your own cryptocurrency account

Choosing the currency
Choosing the type of wallet
Choosing the wallet provider

Exercise

Setting up your own wallet
Transferring to your peer

End game

3 levels
18 questions in total
Price for the winning team

Course Summary

Debrief
Feedback



YOUR PRESENTER

PETROS GEROULANOS LIC.OEC. HSG, ASSOC.CIPD, MNLP



Petros works with major international banks, medium sized investment houses, private equity and hedge funds, corporates, rating agencies, regulators and government agencies whilst still continuing to trade all asset classes. In June and September 2017 he has conducted two very successful and much acclaimed training on Fintech for Belstar in Mauritius.

- Principal of EPIGON Training & Development
- Chairman of EPIGON Marketing AG, Switzerland
- Managing Director EPIGON Energy GmbH
- Member of the Association of NLP (ANLP Intl. Ltd)
- Member of the American Institute of Hypnotherapy
- Member of the Association of TimeLine Therapy™

CURRENT FOCUS:

- Finance for Energy Projects
- Options Trading

Petros is the principal consultant for EPIGON Training & Development offering training. As former head of VEGA Structured Finance GmbH in Stuttgart, Germany, he introduced ABS and ABCP transactions to medium-sized corporates.

After completing the first econometric study of unlisted Swiss stocks at the University of St. Gallen, he joined Swiss Bank Corporation to trade currencies options in London. He used his expertise to develop equity exotic options after the integration of the O'Conner team. From there he completed his trading experience on the Swaps and Fixed Income Derivatives desk.

Petros then joined Guildhall Limited, a risk management boutique, where he implemented interest rate training and trading systems for large UK corporates. There he was approached by the UK Knowhow Fund to develop bond markets, initially in Russia and then in Poland. Eventually, he spends a significant amount of time developing interest rate, bond and credit markets around the world.

He has a degree in economics from St. Gallen Business School, is a visiting lecturer at SKEMA business school in Paris and former visiting lecturer at City University Business School (now known as CASS). He has published more than 400 FX related articles in the Swiss media, has co-authored two books, written an interactive CD-ROM on financial markets and developed a distance learning pack on international bonds.

Petros is both an experienced trader and trainer. His strengths lie in his lively presentation style, the cross cultural approaches and the integration of historic developments with current market events.

He has been involved in training bankers in countries such as Germany, Switzerland and the UK. As a financial markets product trainer he has also been conducting seminars for more than 20 years in other countries in particular in Hong Kong, Malaysia, Singapore, South Africa, Thailand, Turkey and the USA.

Petros is also trained to train Mind Management Skills such as Speed Reading, Memory Techniques and Neuro-Linguistic Programming. He is an Associate of the Chartered Institute of Personnel and Development (Assoc. CIPD) and an affiliate of the Chartered Institute of Securities and Investment. He is a certified facilitator with a number of other bodies. He has been tutoring people of all walks of life to achieve their dreams and perform their duties.

Since 1998 he has been a certified Master NLP Practitioner, a member of the Association of NLP (ANLP), a certified Hypnotherapist under the auspices of the American Institute of Hypnotherapy as well as certified in Time Line Therapy™. He is also available as coach for people with learning difficulties.

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REGISTER NOW



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