



MONECO FINANCIAL TRAINING

THE BLOCKCHAIN IS COMING TO BANKING

September 21-22, 2017

Lecturer: David Gyori

Upcoming Seminar

THE BLOCKCHAIN IS COMING TO BANKING

DATES: September 21 – 22, 2017 • PRICE: € 1,260 • LOCATION: Prague, NH Hotel Prague

NEW

Attend this intensive 2-day training and learn how:

- **Blockchain was born**
- **Central counterparty clearing differs from non-central counterparty clearing**
- **Interbank and Intra-bank Blockchain use-cases differ**
- **Current global leading Blockchain-projects evolve**
- **Blockchain partially fulfils a higher security standard**
- **Privacy issues surround Blockchain and why regulators are ambivalent about it**
- **Blockchain has evolved and will further evolve beyond financial services**
- **Your bank can benefit from Blockchain and build a winning Blockchain strategy**

Course Description:

This intensive 2 day training program prepares participants for the ongoing paradigmatic change in banking: The rise of the Blockchain technology. On the first day we examine the concept of Blockchain and explore the most important international banking projects related to this new phenomenon. Through understanding the bigger picture – FinTech revolution, the rise of ICT in banking – we address security concerns. On the second day we begin by a detailed analysis of privacy issues related to the distributed ledger. We continue by looking at cross-industry use-cases and arrive to the key question: how to make Blockchain useful in your bank? We answer this key question from several aspects: Timing, Lobbying, Clientele, Tactics, Strategies and more.

What is the goal of this training?

The goal of the training is to make sure that your bank understands Blockchain and can act with the right confidence and market-timing. It is very important to avoid shiny, popular, but meaningless buzzes – there are many related to Blockchain – yet, it is beneficial to see how – gradually – this technology will really shift the paradigms of databases, clearing, ledgers and beyond.

Methodology:

This training consists of classroom based teaching combined with interactive group exercises, as well as the introduction of specific case studies.

THURSDAY, SEPTEMBER 21

FROM CONCEPT TO SECURITY

09⁰⁰–09³⁰

Welcome, Introduction and Warmup

09³⁰–10⁴⁵

The Concept of Blockchain

- **Bitcoin:** What is Bitcoin and how was Blockchain born? How does 'mining' work?
- **Blockchain in IT:** Metcalf's Law and Moore's Law.
- **Clearing and Accounting:** The 'Distributed Ledger'.
- **Central Counterparty Clearing:** The current concept.
- **Non Central Counterparty Clearing:** The future solution.
- **Intra-bank-Blockchain:** The end of EXCEL? Smart Contracts?
- **Interbank-Blockchain:** The future of SWIFT. The story of Smart Asset Grid.

11⁰⁰–12⁰⁰

Current Blockchain Projects

- **R3 Alliance:** The new global interbank clearing system?
- **Ripple Labs:** Are all financial assets equal? Money vs Securities.
- **Blythe Masters:** Financial innovation at its best? Next step?
- **Swiss Efforts:** The Swiss Blockchain cluster. Key elements.
- **Hyperledger by IBM and Linux Foundation:** cross-industry protocols.
- **Central Banks:** Which central banks and why do tap into this?

Group Exercise: Which Is Faster – New or Old Clearing

12⁰⁰–13⁰⁰

Lunch

13⁰⁰–14⁴⁵

The Bigger Picture

- **ICT is GPT:** Why Info-Communication is General Purpose Tech?
- **The Presence of Digital Currencies:** BitCoin, Ethereum and beyond.
- **The Future of Digital Currencies:** Monetary history projected.
- **How 'crypto' Works:** Coins and Technologies, ICO, ABC.

- **Banking Innovation Strategies:** 3 Types of Innovation; Ambidextrous Organization; TRIZ.
- **Understanding the FinTech Revolution:** 30 Areas, 15 000 startups.

Group Exercise: Evaluating and Categorizing Blockchain Startups

15⁰⁰–17⁰⁰

Security versus Blockchain

- **Security in the Old System:** Recent Famous Breaches.
- **Security Advantages of Blockchain:** Process integrity and beyond.
- **Security Disadvantages of Blockchain:** New Cyber security concerns.
- **BitCoin Security:** The nature of breaches, recent cases.
- **Blockchain Security Breaches:** Strength, Positive Conclusion.
- **Private Keys, Tokenization, Two Factor Authentication:** Protecting the Wallet.

Group Exercise: The Security Debate

FRIDAY, SEPTEMBER 22

FROM PRIVACY TO ADOPTION

09⁰⁰–09³⁰

Refreshing Day One and Warmup

09³⁰–10⁴⁵

Privacy versus Blockchain

- **Private vs Public vs Permissioned:** The three key types of Blockchain.
- **AML, KYC, CTF:** Is Blockchain compliant as of now? When will it be?
- **Privacy:** Zero Knowledge Proof, consensual validation, fault tolerance, pseudonymity.
- **Real Time Data for Regulators:** Blessing or Curse? Cross-border regulatory patchwork.
- **The Deep Web:** What it is? How to access? Dangers and advantages.
- **Regulatory Status vs Cultural Adoption:** How countries react?

Group Exercise: Watching and discussing two key Blockchain-related videos

11⁰⁰–12⁰⁰

Blockchain Beyond Banking

- **Trade:** Supply chain management. Real Estate: Registry in practice.

- **FMCG:** Wal-Mart, Relationship between Brands and Customers.

- **Insurance, P2P Economy:** Financial services beyond banking.
- **Governments:** Records, Identity, Voting, Taxes, Legislation, E-Gov, Notary.
- **Cross-Industry Blockchain:** Trade-Finance, Derivatives, Securities-Clearing, Syndicated Loans.
- **Emerging Payments beyond the Blockchain:** Card Emulation, Super-Wallets, VR Pay.

Group Exercise:

Blockchain use-case-hierarchy

12⁰⁰–13⁰⁰

Lunch

13⁰⁰–14⁴⁵

What Your Bank Shall Do About Blockchain?

- **The Time Scale:** 1 Year Events, 3 Year Implications, 5 to 10 Year Shifts
- **Lobbying:** What to tell colleagues, bosses, shareholders and regulators?
- **The Red Queen Effect:** What happens if your bank gets Blockchain right?
- **Millennials:** Do new clients accept new technologies better? Why?
- **GAFA:** Why are US tech giants cautious about Blockchain?
- **Tactics and Strategies for Your Bank:** Association to International Labs, Participation in alliances, Bank-agnostic Blockchain projects, Awards, Prizes, Competitions, Hackathons, Venture Capital and beyond.
- **The 4Ps of Digital Product Development:** Prototyping, Prototyping, Piloting, PoC.

15⁰⁰–17⁰⁰

Summary

- Concepts
- Tools
- Trends
- 'To-Do's
- Resources

Evaluation and Termination of the Seminar

Terms and Conditions of the MONECO Financial Training

MONECO Financial Training

MONECO Financial Training offers a comprehensive programme of English-language seminars, trainings and practical workshops lectured by qualified tutors. Our objective is to provide the industry professionals with advanced financial know-how and up-to-date analytical methods and skills.

Seminar Venue and Accommodation

The bulk of the MONECO seminars are traditionally held at the international four-star NH Prague Hotel in Prague, Czech Republic. Since we are expanding our training activities, we run some selected seminars also in other European destinations. Accommodation is not included in the seminar price, but upon request we are happy to offer you hotel reservations in every of our training destinations at special discounted prices for our valued clients.

Tuition Language

Seminar tuition is in English language, as are all manuals, training software etc. Therefore, in order to benefit from participation, at least a passive knowledge of English, including common financial phrases and related terminology, is required.

Registration

Clients who decided to participate, should submit us in advance a registration for a particular seminar (letter, fax, internet etc.). Subject to availability, the participant will then receive a confirmation of participation. The number of participants is always strictly limited in order to secure an effective and focused learning environment.

Seminar Prices

The quoted seminar prices are per person and include all the training manuals, lunches and refreshments, certification diploma in English and selected software solutions used at the seminar. The price does not include hotel accommodation. Quoted prices are exclusive of local VAT (21 %) "Bundle" prices represent the total fee for participation in mutually related seminars (i.e. "Bundles 3+2, 2+3, 2+2, 3+1, 1+3, 1+2+2 and 2+2+1"). "Bundle" prices are provided in the Calendar of the MONECO Financial Training seminars.

Discounts

Bulk discounts are offered when submitting an application for the participation of more than one person. A 10 % discount is offered when at least two participants from one company register for a seminar or one participant registers at once for two or more seminars. The discounts do not apply for "bundle" prices, as these already represent discounted prices.

Invoicing and Payment

An invoice for the seminar price will be sent to the participants no later than 10 working days prior to the beginning of the seminar. **Full payment of the invoice must be made before the start of the seminar as a precondition of participation.**

Terms of Cancellation

If for whatever reasons a registered participant is unable to attend, a substitute delegate may be appointed to participate instead. For cancellations received 20 days or more before the beginning of the seminar, a 10 % cancellation fee of the full price will be invoiced i.e. 90 % of the price is refunded. **For cancellations received less than 20 days prior to the beginning of the seminar, the full price is payable i.e. no refund will be provided. All cancellations must be in writing.** The organizers of the MONECO Financial Training courses reserve the right to cancel the individual participation or cancel the entire seminar or part of it for whatever unspecified reasons, including possible force majeure. In this case, the price paid will be refunded in full or in part, accordingly.

REGISTRATION FORM

• The Blockchain is Coming to Banking

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€ 1,260

COMPANY

Name:

Approving Manager:

Person responsible for training:

Address:

Tax Registration No.: VAT Identification No.:

PARTICIPANTS

1. Title: Name: Phone:
Mr/Mrs/Ms

E-mail: Position:

2. Title: Name: Phone:
Mr/Mrs/Ms

E-mail: Position:

3. Title: Name: Phone:
Mr/Mrs/Ms

E-mail: Position:

Date: Signature: