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BLOCKCHAIN APPLICATIONS IN CAPITAL MARKETS

5 FEBRUARY 2020
SECURITIES COMMISSION MALAYSIA



Fee: **RM950**

**Fee is not inclusive of 6% SST*

PROGRAMME OVERVIEW

Blockchain technology is a way of safely storing and sharing information across a network of users in an open virtual space. Blockchain was invented in 2008 to serve as public transaction ledger of cryptocurrency such as Bitcoin. Since then, it has been leveraged in many other fields. In finance, blockchain has emerged as a core disruptor in every aspect of today's financial markets. Blockchain covers many areas from payment platforms to regulations, and from crowdfunding to virtual currencies. In a recent survey by PwC, 88% of incumbent financial institutions are increasingly concerned about losing their revenue should they delay in keeping up with the technology.

There are, of course, various use cases of blockchain outside finance. In the food industry for instance, blockchain helps in making the food supply chain transparent and empowers the chain to be aware of any food safety disasters. In healthcare, blockchain allows patients to assign access rules for their medical data, for example, permitting specific researchers to access parts of their data for a fixed period of time. With blockchain technology, patients can connect to other hospitals and collect their medical data seamlessly. In the social finance field, blockchain brings enormous potential to improve how we address some of the world's most pressing social challenges. Indeed, it has solved a number of issues such as personal identification, beneficiary location and ensuring consistent aid is delivered to each and every individual in need.

Gartner in their report 'Gartner Top 10 Strategic Technology Trends for 2020' published on 21st October 2019, predicted that in future, true blockchain or "blockchain complete" will have the potential to transform industries, and eventually the economy, as complementary technologies such as AI and the IoT begin to integrate alongside blockchain.

This programme will deliberate on business cases and course of events from around the globe focusing on applications of blockchain in businesses, which have been tried, tested and in operation as well as its future in the capital market. This programme will also look into the role of regulators and intermediaries following this new change of landscape affecting the financial institutions.

PROGRAMME OBJECTIVE

This programme aims to provide comprehensive insights into blockchain evolutions as well as how its potentials are developed and applied to serve the benefits of the capital market industry.

LEARNING OUTCOMES

By the end of this programme, participants will be able to:

- describe how blockchain has evolved and impacted the industry
- explain the latest trends and applications introduced in the capital market industry
- describe how tokens are used in light of blockchain technology
- discuss cases of blockchain applications and its issues and challenges in applying the new innovation

ICF COMPETENCIES COVERED

- Functional (Technical) – Digital Technology Application (Level 3)
- Foundational (Product) – Capital Market Environment (Level 3)
- Behavioural (Self-Management) – Creativity and Innovativeness (Level 2)

METHODOLOGY

Interactive presentations, case studies discussions and Question-and-Answer (Q&A) sessions

TARGET AUDIENCE

INDIVIDUALS

Dealers representatives, trading representatives, compliance officers, auditors, risk management officers, fund managers, analysts, investors, academicians, university students and general public

INSTITUTIONS

Asset management companies, fund management companies, stockbroking firms, investment banks, commercial banks, insurance companies, alternative financing platforms, startups, stock exchanges and Public Listed Companies (PLCs)

SPEAKERS



HAMID RASHID

Hamid Rashid is the Founder of the award winning Blockchain R&D technology organization FINTERRA.

Responsible for developing the first ever Waqf Chain, a crowd funding platform for Waqf development built on the blockchain, as well as the Galactic Blockchain, he successfully runs corporate offices in Malaysia, Singapore, Hong Kong and United Arab Emirates.

A specialist in technology IP development, technology commercialization, venture capital investment and property investments, Hamid is an accomplished hands-on strategic visionary, who brings a wealth of experience and knowledge to create brands that deliver strong tangible results to stakeholders. Having served for the likes of corporate giants as HP and Petronas, he has established a record of outperformance across an array of financial strategies and products.

Hamid has over eighteen years of Technology Consulting experience in Enterprise Software Business Management and Business Development within the B2B and B2C sectors. He excels in strategic Business Planning, development, Business P&L, People Management, Partner Eco-system Development and Service Desk. He speaks four languages and takes pride to have lived for more than five years in each continent which has shaped him into a real thought leader and just like blockchain, he prides himself on being a decentralised global citizen.

Equipped with a master's degree in IT and Management, and a Certificate in Organizational Leadership, he is regularly invited to speak by leading institutions such as the World Bank, WIEF, UNHCR, IsDB, Securities Commissions, Central Banks at leading international conferences and forums. He is also often quoted by the likes of Thomson Reuters, The Edge, Salaam Gateway, New Straits Times, Malaysian Business and has been featured on the front cover of White Collar Magazine. Hamid has also appeared on Dubai TV, CNBC, Bernama TV, and many other channels speaking on Fintech globally.



CRIS DUY TRAN

Cris Tran is the Regional Head and Managing Director of Infinity Blockchain Ventures (IBV). IBV is dynamic consulting and development firm dedicated to providing practical blockchain solutions that can be used seamlessly. He is leading the 1st Securities Token Offering Fundraising in Real Estate (\$100 mil) in Asian region.

Cris Tran is also the Director with QRC Group, the world's largest investment company working at the intersection of Blockchain and RegTech with offices in Hong Kong and Japan. Prior to this, Cris was the Senior Lead for Frost & Sullivan, a global management consulting firm, based out in Singapore and specialized in Digital Transformation. He also participated in the IPO of S.E.A (\$884 mil @ NYSE). Cris is today one of the regions most sought-after speakers and thought leaders, frequently featured in leading media, namely Bloomberg, Forbes, Nikkei, Straits Times

Cris's mission is to create reverse-innovation which is to transform the world from Asia, starting with Blockchain.



MOHD RASHDAN RAMLEE

Rashdan Ramlee is the Senior Consultant for Blockchain and Fintech at Masyref Management House and also the Co-Founder of Aegis Associates, a Boutique Blockchain & Fintech Advisory And Solutions Development firm based in Kuala Lumpur. Rashdan has been engaged to conceptualize, advise and performance tracking amongst others.

A double degree graduate from Purdue in computer engineering and electrical engineering and an alumni of Stanford's Executive Design Thinking programme, Rashdan has had extensive experience in business ideation & modeling, fund raising, process optimization & media with over 20 years experience building and advising businesses from idea stage to growth stage and nurturing and funding brands that have been exported to 32 countries. Starting as a Senior Network Engineer at Petronas Carigali, Rashdan went on to become a core member of the Telekom Consortium team that negotiated and clinched the RM300 million Smart School Flagship Application project.

Rashdan's extensive startup and technology development experience has won him awards including, Silver Medal at Malaysian Technology Expo (MTEX), Silver Medal at International Innovation and Technology Expo (ITE) and Gold Medal at PECIPTA, Rashdan also evaluates new technology investments for MDEC and TERAJU funds.

SPEAKERS



MASUMI HAMAHIRA

Masumi Hamahira, Executive Advisor for Islamic Banking Window, MUFG Bank (Malaysia) & Technical Standards Committee Workshop Member, Bitcoin Association

Masumi Hamahira has 21 years working experience in the banking and finance industry at MUFG Bank and served in the Islamic Finance Department of MUFG Bank (Malaysia) since 2011. Before coming to Malaysia, Masumi was attached to several key divisions in Tokyo Head office of MUFG Bank which is formerly known as Bank of Tokyo – Mitsubishi UFJ. He was responsible for corporate finance, derivatives marketing and structuring as well as global business planning.

Leveraging Masumi's experience, MUFG Bank (Malaysia) won Islamic Finance News Awards such as The Most Innovative Deal of the Year 2016, Cross-Border Deal of the Year 2014, Wakalah Deal of the Year 2013, and Structured Finance Deal of the Year 2012. Subsequently, he initiated the world's first Japanese Yen Sukuk issuance by MUFG Bank (Malaysia) in 2014. Masumi organised discussion with regulators, legal firms and tax advisors in Japan and Malaysia to clarify tax treatment of Sukuk investment for institutional investors in Japan. He successfully introduced the solution for clarification of tax treatment in Sukuk investment for Japanese institutional investors in 2019. He is enthusiastic for inviting Japanese institutional investors to Sukuk market.

Masumi graduated from Chartered Islamic Finance Professional (CIFP, Master equivalent) course at INCEIF. He is currently a Ph.D candidate at IUM Institute of Islamic Banking and Finance, International Islamic University Malaysia. He holds a Bachelor Degree in Economics from Keio University, Japan. Masumi took initiative for INCEIF and Keio University to sign visiting student agreement to develop internationalisation of Islamic Finance as a bridge between Japan and Islamic Finance industry.

Masumi is a Chartered Professional in Islamic Finance (CPIF) and has been appointed as a Grand Councillor for Chartered Institute of Islamic Finance Professionals (CIIF). Masumi was selected in Islamica 500 (The 500 who make Islamic Economy) by World Islamic Economic Forum. He aspires to contribute more significantly to the development of Islamic FinTech, Islamic Project Finance, Sukuk and Islamic Derivatives by sharing of industry knowledge with the public. Masumi is one of the distinguished panellists in Islamic FinTech Conference especially in application of Blockchain to Islamic Finance. He is invited as a speaker in Malta AI & Blockchain Summit, Islamic Fintech Dialogue, Global Islamic FinTech Summit, Insurance Investment Forum Singapore, Kuala Lumpur Islamic Finance Forum, IFN Asia Forum, IFN Indonesia Forum, IFN Investors Forum and Islamic Markets Programme Conference etc.

PROGRAMME

8.30 am Registration

9.00 am

Blockchain – How it Transforms the Industry Landscape

- Blockchain Evolution from 1.0, 2.0, 3.0 and the Future
- Changing Internet Landscape: The Convergence of Blockchain, IoT and AI
- Blockchain Transforming Asset Ownership
- The New Blockchain as a Service (BaaS) Trend

By: **Hamid Rashid**

Founder, Finterra

10.45 am

Coffee Break

11.00 am

Blockchain – Latest Trends and Applications

- Digital Economy on Blockchain - Gain and Loss
- KYC and Authentication in Blockchain Based Banking - Practices and Redefined Regulation
- Blockchain Based Loyalty System for Better Engagement with Banking Customers
- How the Remittance Industry is Changing

By: **Cris Duy Tran**

Regional Head and Managing Director, Infinity Blockchain Ventures

1.00 pm

Lunch Break

2.00 pm

Is Tokenization the Future of Securities?

- Utility Tokens Vs Security Tokens
- Emerging Standards for Security Tokens
- Security Tokens in a Regulated World
- The Various Permutations of Security Tokens
- A Practical Scenario - Case Study on the Use of Tokenized Securities

By: **Mohd Rashdan Ramlee**

Senior Consultant for Blockchain and Fintech, Masyref Management House

3.30 pm

Coffee Break

3.45 pm

The Atomic Age - Building Business and Society on Blockchain

- Trends in Blockchain: Patent Competition & Platform War
- Best Practice in Bitcoin White Paper: Simplified Payment Verification & New Privacy Model etc
- Applications and Case Study: Capital Markets, Property, Game and SNS
- Issues and Challenges: Atomic Swap and Advanced Private Key Management Technology (Multi Signature, Secret Shamir Signature and Threshold Signature)

By: **Masumi Hamahira**, Executive Advisor,

MUFG Bank (Malaysia) & Technical Standards Committee Workshop Member, Bitcoin Association

5.00 pm

End of Programme



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For enquiries on registration, please contact **+603 6204 8439 / 8274** | Register today at **www.sidc.com.my**