

Blockchain in Kyoto 2020

Program ver. 7. (17/02/2020)

February 27 (Thu) and 28 (Fri), 2020

International Science Innovation Building, Kyoto University, Kyoto, Japan

February 27 (Thu)

- 9:50-10:00 Opening: Yuichi Ikeda (Kyoto University)
- 10:00-10:50 Keynote: Sagar Sarbai (Ripple)
“Enabling an Internet of Value through Digital Assets”
- Session 1** Yoshi Fujiwara (University of Hyogo)
- 10:50-11:40 Invited 1: Yoshiharu Akahane (NTT DATA)
“Application of Blockchain Technology in Trade Industry”
- 11:40-12:00 General 1: Tsuyoshi Hirayama (IBM)
“Financial and technical analysis of Security Token Platform”
- 12:00-13:00 Lunch
- Session 2** Hideaki Aoyama (Kyoto University)
- 13:00-13:50 Invited 2: Chinedum K. Umachi (PG&E)
“Insights into Exploring Blockchain within a Utility”
- 13:50-14:10 General 2: Yuji Aruka (Chuo University)
“The rise of smart contract and its complex impacts on the digital ecosystem”
- 14:10-14:30 General 3: Ken Naganuma (Hitachi)
“Secure Key-management Technology for Blockchain using Biometrics Information”
- 14:30-14:50 General 4: Yuki Kondo (Hitachi)
“Design Patterns for Smart Contracts in Hyperledger Fabric”
- 14:50-15:10 Coffee Break
- Session 3** Emi Yoshikawa (Ripple)
- 15:20-16:10 Pannel Session: Emi Yoshikawa (Ripple)
“Women in Blockchain ~ driving diversity and inclusion to build a

thriving industry ecosystem”

Nat Sakimura (OpenID Foundation)

Sachiko Yoshihama (IBM Japan)

Yokiko Nishimura (Japan Cryptocurrency Business Association)

Kristina Yasuda (InternetBar.org)

16:10-16:30

General 5: Takuya Sakamoto (Fujitsu Laboratories)

“Privacy Protection for Self-Sovereign Identity with Fine Grained Zero Knowledge Proof”

16:30-16:50

General 6: Daisuke Sato (Kyoto University)

“Structural analysis of XRP blockchain: A network scientific perspective”

18:30- Banquet

KYOTO GARDEN PALACE

605 Tatsumaecho, Shimochojamachi-agaru, Karasuma-dori,
Kamigyo-ku, Kyoto

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(Bus will depart from the main gate of Yoshida campus of Kyoto University at 18:10)

February 28 (Fri)

Session 4

Hidetoshi Takeda (Kyoto University)

9:20-9:40

General 8: Lukas Pichl (International Christian University)

“Ether cryptocurrency: time series analysis of exchange rates and triangular arbitrage”

9:40-10:30

Invited 3: Motonobu Matsuo (Financial Services Agency)

“Crypto assets, blockchain and financial regulation: Overview of New Legislation of Crypto Assets and Governance of Blockchain”

10:30-10:50

Coffee Break

Session 5

Hideaki Aoyama (Kyoto University)

10:50-11:40

Invited 4: Yuzo Kano (bitFlyer, Inc.)

“How the Blockchain Revolution Will Lead Social Changes:”

	<i>bitFlyer Blockchain's Initiatives</i>
11:40-12:00	General 9: Patrick Ocheja (Kyoto University) <i>"Blockchain of Learning Logs (BOLL): Connecting Distributed Learning Records Through the Blockchain"</i>
12:00-12:20	General 10: Zachary Sorenson (Waseda Business School) <i>"Two Speculative Uses of Blockchain Considering The Economics of The Structure of Production"</i>
12:20-13:20	Lunch
Session 6	Yoshi Fujiwara (University of Hyogo)
13:20-14:10	Invited 5: Shuji Kobayakawa (Meiji University) <i>"Role of Central Banks in the Blockchain Economy"</i>
14:10-15:00	Invited 6: Kazumasa Miyazawa (Soramitsu, Co., Ltd) <i>"World's First Blockchain Central Bank Digital Currency in Cambodia"</i>
15:00-15:20	General 11: Irena Vodenska (Boston University) <i>"Transfer Learning Methodology for Bitcoin Price Prediction Based on Financial Micro-blogs"</i>
15:20-15:40	Coffee Break
Session 7	Yuichi Ikeda (Kyoto University)
15:40-16:00	General 12: Jun Furuse (DaiLambda) <i>"SCaml: a high-level programming language for Tezos smart contracts"</i>
16:00-16:20	General 13: Masanori Yamanaka (Nihon University) <i>"Price fluctuation of cryptocurrencies"</i>
16:20-16:30	Closing: Naoyuki Iwashita (Kyoto University)