

IEEE Nagoya YP Workshop 2018

IEEE Nagoya Section Young Professionals Affinity Group

I. General Information

We, IEEE Nagoya YP, held a workshop for young researchers and engineers as follows.

[Date]

Dec. 8th, 2018

[Place]

Nagoya Campus, Chubu University

[Participants]

11 IEEE members and 2 non-members

II. Workshop Program

1) 15:00–15:05 Opening Remarks

At the start of the workshop, Prof. Takuo Suzuki, Nagoya YP Chair, stated the role of Nagoya YP and his intention of this workshop.

2) 15:05–16:00 Special Talk

[Presentation Title]

デジタルマネーは社会を変えるか？

Digital Money Changes the World?

[Lecturer]

Prof. Shigeto Kobayashi

(Japan Advanced Institute of Science and Technology)

Prof. Kobayashi first gave a lecture on the history of money and the importance of people's money consciousness for its circulation. Moreover, cryptocurrencies such as Bitcoin and Ethereum were outlined, and their future possibilities were discussed.

He also introduced design of circulation systems using community currencies. At the end of the talk, a self-developed trading application was demonstrated, and the participants experienced a community currency by using tablet computers with the application installed.

3) 16:00–16:30 Invited Talk

[Presentation Title]

生体信号解析（眼電・筋電）と画像解析（深層学習等）を組合せたロボットアーム制御

Robot Arm Control Based on Combination of Bio-signal Analysis (EOG and EMG) and Image Analysis (Deep Learning, etc.)

[Lecturer]

Mr. Muhammad Syaiful Amri Bin Suhaimi

(Gifu University)

Mr. Amri explained his current work in order to get his Ph.D. He proposed a special electrode arrangement to control an eating support robot safely. Additionally, he asserted deep learning technology for object recognition will improve the functionality of the robot.

III. Conclusion

Digital money and deep learning are major trends for industry. Both talks helped young members to expand their knowledge and provided great indications for future works.



Fig. 1: Opening Remarks by Prof. Suzuki

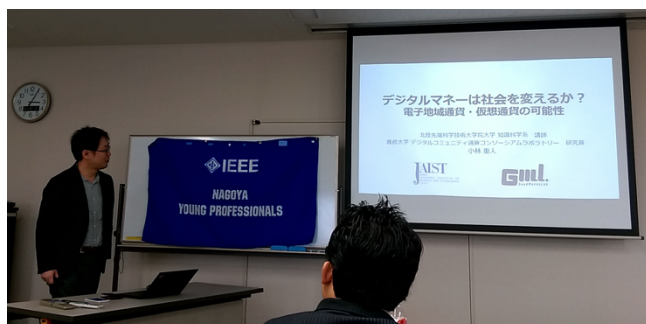


Fig. 2: Special Talk by Prof. Kobayashi



Fig. 3: Invited Talk by Mr. Amri



Fig. 4: Group Photo