Invitation to the NICT/TTC IoT Seminar on
"Business innovation and value creation utilizing IoT/AI"

- Date & Time：Monday 26 November 13:00 - 18:00

- Venue：Hitotsubashi Hall（http://www.hit-u.ac.jp/hall/accessjp.html）
  National Center of Sciences Building 2F,2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo
  -By train (Subway)-
  Tokyo Metro Hanzomon Line/Toei Mita Line/Toei Shinjuku Line "Jinbocho" Exit A9
  Tokyo Metro Tozai Line "Takebashi" Exit 1b
  3-5minutes walk from the stations

- Organized and hosted by the National Institute of Information and Communications Technology (NICT) and the Telecommunication Technology Committee (TTC)

- Supported by Smart IoT Acceleration Forum (TBD), and in association with the International Telecommunication Union (ITU) Focus Group meeting "Machine Learning for future network including 5G"

- Language: Japanese and English (Simultaneous interpretation available)

Summary

Collecting and analyzing big data become more active with the progress of utilization of IoT (Internet of Things) and AI (Artificial Intelligence) technologies, and it is promoting new business values creation and business transformation in various industries. The key to the success is how to use the new ICT tools to transform the business process. In particular, AI technology has a new process of thinking completely different from that of humans, and it can lead to immeasurable transformation.

The transformation targets expand to many inter-business cases such as optimization across the supply chain not closed within a single company and new value creation through collaboration between service providers and ICT providers. Therefore, many PoC (Proof of Concept) projects have been done to show their feasibility.

However, IoT and AI technologies introduction does not always bring forth business innovation. Since many projects have failed in new value creation, some say that IoT and AI have already entered the Disillusionment.

Where are the keys for a success in business transformation? We believe they exist in the processes 1) to recognize the potential business problems, 2) to create an exciting idea to transform business, 3) to discuss how to utilize IoT and AI technologies to realize idea, and 4) to consider how to proceed related R&D efforts, standardization activities or open-source software development.

These processes have a close relationship each other. Therefore, we focus on successful examples of business transformation by utilizing IoT and AI technologies in several areas and successful IoT an AI utilization from the viewpoint of technology providers in this seminar. In addition, essence of the success, i.e. "How to transform your business" and "How to utilize IoT and AI technologies for business innovation" from the viewpoint of users / providers and the US / Japan / Germany will be presented by each lecturer and these lectures will unravel the methods of business innovation utilizing IoT and AI technologies.

We hope this seminar will help to persons who are considering how to utilize IoT and AI technologies for business innovation or value creation.

Note: This seminar is carried out as a part of the entrusted research from the Ministry of Internal Affairs and Communications for "The fiscal year 2018 survey on de jure and forum type standardization activities to strengthen them".

Program

Time	Title（TBD）	Speaker（TBD）
13:00-13:10	Opening remarks	Dr. Nozomu Nishinaga NICT
13:10-13:45	Opening keynote Machine Learning and Artificial Intelligence for 5G and Beyond: Research Challenges and Promising Future Directions	Prof. Dr. Slawomir Stanczak Fraunhofer HHI, Germany (Chairman of ITU-T FG-ML5G)
13:45-14:45	Lecture 1 - Business transformation in manufacturing area: (TBD)	Mr. Karl Osti Industry Manager Design & Manufacturing, Business Strategy & Marketing Autodesk
14:45-14:55	Break	
14:55-15:40	Lecture 2 - Business transformation in agriculture area: Approach to smart agriculture in Kubota	Dr. Satoshi Iida Senior Technical Advisor, KUBOTA Corporation
15:40-16:25	Lecture 3 - JCB merchant management system utilizing AI to detect banned services/goods for sale on the merchant website. - To improve accuracy and to maximize operational efficiency –	Mr. Akito Fukushima Executive Vice President Acquiring Risk Management Department JCB Co., Ltd.
16:25-16:35	Break	
16:35-17:20	Lecture 4 – AI solution frontier for business activities: How AI can make a change in business sites?	Ms. Michiko Kato Head of CEO Office ABEJA, Inc.
17:20-17:55	Lecture 5 – Business transformation utilizing IoT/AI: Approach to problem finding and methodology to solve	Mr. Shuichi Inada Secretary General, TTC (Team Leader of IoT Value Creation Team, Smart IoT Acceleration Forum)
17:55-18:00	Closing remarks	

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