Co-organized by Graduate School of Computer Science and Engineering, CAIST and AI Center

THE UNIVERSITY OF AIZU
RESEARCH CLUSTER 2020 FORUM

October 24, 2020 9:00-17:35
■ Online Forum via Zoom ■

Program

Language:Japanese | Chair: ZHAO Qiangfu, Vice Chairperson of the Board of Executives

【Opening】 9:00-9:10
MIYAZAKI Toshiaki
Chairperson of the Board of Executives/President

【Lecture 1】 9:10-9:40
『Research & development support program by government』
YOSHIMOTO Sho

【Break】 9:40-9:50

Language:English(with Japanese guide) | Chair: VAZHENIN Alexander P.

【Reserch Cluster Session 01】 9:50-10:20
『Hand Gesture-based Non-touch Interface for Human-Computer Interaction with Advanced Technology』
SHIN Jungpil

【Reserch Cluster Session 02】10:20-10:50
『Detection of colorectal polyps and analysis of colorectal tumor using endoscopy images and deep learning』
ZHU Xin

【Reserch Cluster Session 03】10:50-11:20
『Automating AI systems design and development』
MARKOV Konstantin

【Reserch Cluster Session 04】11:20-11:50
『Cloud-based Smart and Pervasive Learning for Digital Society』
TRUONG Cong Thang

【Reserch Cluster Session 05】11:50-12:20
『Smart and Secure Framework for the Harmony in Industrial IoT and Cloud Computing』
NAKAMURA Akihito・SU Chunhua

【Break】 12:20-13:20

Language:Japanese | Chair: ZHAO Qiangfu, Vice Chairperson of the Board of Executives

【Lecture 2 】13:20-13:50
『Challenge of Nonvolatile Logic LSI for Edge AI Applications』
HANYU Takahiro
Tohoku University

【Lecture 3 】13:50-14:20
『Manufacturing DX with the power of digital』
AMANO Shinya
ROBOTCOM and FA.COM Co.,Ltd. CEO

【Break】 14:20-14:30

Language:English(with Japanese guide) | Chair: PAIK Incheon

【Reserch Cluster Session 06】14:30-15:00
『Edge Learning: A Paradigm of Large-Scale Distributed Machine Learning at Network Edge』
LI Peng

【Reserch Cluster Session 07】15:00-15:30
『Applications of High-precision arithmetic』
NAKASATO Naohito

【Reserch Cluster Session 08】15:30-16:00
『Sensor Fusion and AIoT Devices』
SAITO Hiroshi

【Reserch Cluster Session 09】16:00-16:30
『Smart Design based on Active Knowledge Engineering』
YOSHIOKA Rentaro

【Reserch Cluster Session 10】16:30-17:00
『Spectral evaluation and map generation workflows for utilizing remote sensing data』
OHTAKE Makiko

【Reserch Cluster Session 11】17:00-17:30
『Cloud robotics, distributed robot system architecture, and robot ontology』
NARUSE Keitaro

【Closing】 17:30- 17:35
TAKAHASHI Shigeo,Director of CAIST

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Registration Information
u-aizu.ac.jp/information/research-cluster-forum.html
● **Entry fee:free ※Pre-registration required**