

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

『Satellite Data Utilization of the Earth for human activities』

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

