International Symposium on Human Welfare Engineering for Smart-Aging

Date: April 3 (MON), 2023

Program

| Chair Dr. Xiaoyong ZHANG, Associate Professor |
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| National Institute of Technology, Sendai College |
| Smart Aging Research Center, Tohoku University |

| 13:30~13:35 | Opening address by Dr. Noriyasu HOMMA, Professor |
|-----------------|---|
| (UTC +9, | Tohoku University Graduate School of Medicine & Human Welfare Engineering Division, |
| Tokyo) | Smart Aging Research Center |
| 13:35~14:15 | Special lecture 1 |
| | Title: Data Driven Service Research |
| | Dr. Shuo-Yan CHOU |
| | Distinguished Professor & Director of Center for Internet of Things |
| | Innovation, Department of Industrial Management, National |
| | Taiwan University of Science and Technology |
| | |
| 14:15~14:55 | Special lecture 2 |
| | Title: Decision Theory |
| | Dr. Quoc Dat Luu |
| | Associate Professor, Vietnam National University (Hanoi) |
| | |
| 14:55~15:05 | Break |
| 15:05~15:30 | Special lecture 3 |
| | Title: Application of Classification and Clustering |
| | Approaches in Medical |
| | Dr. Ferani Eva Zulvia |
| | Associate Professor, School of industrial engineering and |
| | engineering management, Mapua University |
| Student session | |
| 15:30~15:45 | Title: Reliability Evaluation of Deep Learning Models for Drowning Diagnosis |
| | Using Post-Mortem CT |
| | Yuwen Zeng, Xiaoyong Zhang, Kei Ichiji, Ivo Bukovsky, Noriyasu Homma |
| | Graduate School of Biomedical Engineering, Tohoku University |
| 15:45~16:00 | Title: Data-Driven Decision Making for Replenishment in RMFS |
| | Moritz Sontheimer |
| | National Taiwan University of Science and Technology |
| 16:00~16:15 | Title: A Hybrid RF-LSTM Based on CEEMDAN for Improving the Accuracy of |
| | Building Energy Consumption Prediction |
| | Irene Karijadi |
| | National Taiwan University of Science and Technology |
| | |
| 16:15~16:20 | Closing address by Dr. Norihiro SUGITA, Professor |
| | Cyberscience Center, Tohoku University |

Registration deadline: March 31 (Friday), 2023 / 参

加申し込み 3/31(金)締切

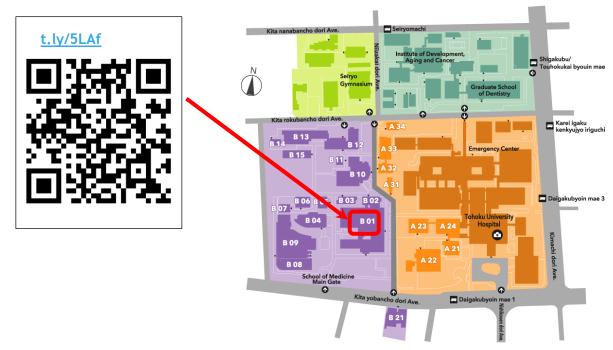
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*We will stop accepting applications when the number of applicants reaches the quota / 定員に達し次第、締切りいたします。

*Zoom link will be sent for online participation / 遠隔参加申し込みの方には、後日参加 URL をお 知らせいたします。

For further information, please contact us at /お問い合わせ conf@rii.med.tohoku.ac.jp

Onsite: Tohoku University School of Medicine, School of Medicine Building 1 (B 01) 2nd Meeting Room



会場:東北大学大学院医学系研究科 医学部1号館 (B06)2階 大会議室(医学部)

Sponsor: Human Welfare Engineering Division, Smart Aging Research Center, Tohoku University

Co-sponsors:

- SICE Tohoku Chapter
- Al Applied Medicine Division, ART, Tohoku University Graduate School of Medicine
- Systems Control Sub-Group, Study Groups on Electrical Communication, Tohoku University

