

Proceedings Presentation

12:30 – 13:40, Room A | Chairperson : Masayuki Matsui (Kanagawa University)

A-1. Discussion on Detection of Dangerous Objects on the Road Surface Leading to Motorcycle Accidents Using a 360-degree Camera

Haruka Inoue and Yuma Nakasuji (Osaka University of Economics)

A-2. Fundamental Research on Class Judgment of Preschooler in Early Childhood Education

Tatsuma Iwamoto (Kansai University Graduate School), Shigenori Tanaka, Takeshi Naruo, Haruka Nishikoba, Yuhi Kameda (Kansai University)

A-3. Research on Visualization of Golf Green Undulation

Shigenori Tanaka, Takeshi Naruo (Kansai University), Ryohei Matsumura, Koyuru Tanaka (Kansai University Graduate School), Yuta Sasahara (Kansai University)

A-4. Research and Development of Swing Analysis Applications

Takeshi Naruo, Shigenori Tanaka, Yuhei Yamamoto (Kansai University), Wenyuan Jiang (Osaka Sangyo University), Akira Yokomichi, Norio Fujimoto, Toshihiro Akagi and Shingo Hakamata (People Software Corporation)

A-5. Development of an application to measure decision-making skill using Virtual Reality in basketball

Yasufumi Ohyama (Graduate School of Computer Science and System Engineering, Okayama Prefectural University; National Institute of Technology, Sasebo College), Kazushige Oshita (Okayama Prefectural University), Yuji Teshima and Reo Nakamura (National Institute of Technology, Sasebo College)

13:55 – 14:50, Room A | Chairperson : Yoshimasa Umehara (Setsunan University)

A-6. Augmentation and Prediction of Health Status Data Using Machine Learning

Toshiki Isogai and Katsunori Oyama (Nihon University)

A-7. Experimental investigation of the validity of muscle quality indicator based on the analysis of resistive components using bioelectrical impedance analysis

Kazushige Oshita (Okayama Prefectural University), Akihisa Hikita and Ryota Myotsuzono (Kyushu Kyoritsu University)

A-8. Situation Recognition of Animal Approaching Using Multimodal IoT Camera Systems

Ryo Tochimoto (Nihon University Graduate School) and Katsunori Oyama (Nihon University)

12:30 – 13:40, Room B | Chairperson : Kiyohisa Natsume (Kyushu Institute of Technology)

B-1. Development of Remote Monitoring System for Number of People Getting off Buses Using Video Camera Images

Yuya Matsui and Masaya Nakahara (Osaka Electro-Communication University)

B-2. Fundamental Research on Supporting Report of Inspection Results from Road Surface Deterioration Images Using ChatGPT

Kaito Andachi, Masaya Nakahara (Osaka Electro-Communication University), Yoshinori Tsukada (Reitaku University) and Yoshimasa Umehara (Setsunan University)

B-3. Fundamental Research on Method for Generating Real Scale 3D Shape Reconstruction Results Using Exif Images

Shota Yamashita, Masaya Nakahara (Osaka Electro-Communication University), Yoshinori Tsukada (Reitaku University) and Yoshimasa Umehara (Setsunan University)

B-4. Fundamental Study on Automated Counting Method of Turning Movement Counts at Intersections Using Video Images

Ryo Sumiyoshi (Graduate School of Engineering and Design, Hosei University), Ryuichi Imai (Hosei University), Yuhei Yamamoto (Kansai University), Masaya Nakahara (Osaka Electro-Communication University), Daisuke Kamiya (University of the Ryukyus) and Wenyuan Jiang (Osaka Sangyo University)

B-5. Prototype of Digital Twin Environment Using 3D Spatial Information Infrastructure Based on Spatial IDs

Kenji Nakamura (Osaka University of Economics), Yoshimasa Umehara (Setsunan University), Masaya Nakahara (Osaka Electro-Communication University) and Ryuichi Imai (Hosei University)

13:55 – 14:50, Room B | Chairperson : Masaya Nakahara (Osaka Electro-Communication University)

B-6. Application of machine learning to single-cell RNA sequencing provides the effective drugs against drug-tolerant persister cells in colorectal cancer

Yosui Nojima (Osaka University), Ryoji Yao (Japanese Foundation for Cancer Research) and Takashi Suzuki (Osaka University)

B-7. Dynamic Control of the Optimal Product Prices Using Machine Learning

Kazuhiro Miyatsu (Senshu University)

B-8. Empowering Educators: Assessing and Advancing Minecraft Education Edition Resources

Yan Zhu and Ryouyusuke Furukado (Nishinippon Institute of Technology)

~~Canceled B-9. Timing of impact on Trading Volume when the Tokyo Stock Exchange market is restructured~~

~~Hiroyuki Maruyama (Takushoku University)~~

B-10. What motivates evacuees to leave their cars during a tsunami evacuation?

Toshiya Arakawa (Nippon Institute of Technology)