

Program in Detail

Wednesday, September 20th, 2023

12:00 pm – 5:00 pm	Registration	Room 32A
1:00 pm - 1:10 pm	Opening Ceremony	Room 33
1:10 pm - 1:45 pm	Invited Talk 1	Room 33
1:45 pm - 2:20 pm	Invited Talk 2	Room 33

2:20 pm - 2:35pm **Coffee Break** **Room 32A**

2:35 pm - 3:50 pm

Session 1

Room 32BC

Session Title: Social media, Network and Systems

Chair: *Hiroaki Furukawa (The University of Kitakyushu)*

487 Factor Analysis of Entrepreneurship for Entrepreneurial Value Creation

Katsuki Yasuoka, Takaaki Hosoda, Kiyomi Miyoshi and Tokuro Matsuo (Advanced Institute of Industrial Technology)

3464 Corporate Practices Referencing the W-Shaped Problem Solving Model and Lessons Learned from Them – The Effectiveness of the KJ Method and What It Does Not Have to Do With It –

Yuki Murai and Takaya Yuizono (Japan Advanced Institute of Science and Technology)

7253 Facilitating Collaborative Consensus Building in Web-based Discussion through Collective Task-Based Roles: A Case Study

Sofia Sahab, Jawad Haqbeen and Takayuki Ito (Kyoto University)

7536 Improvement of a greedy-based TSP heuristic and its application to ACO

Takuya Sugimoto (Osaka Electro-Communication University)

Noboru Abe (Osaka Electro-Communication University) and Kazuaki Yamaguchi (Kobe University)

Session 2**Room 33**

Session Title: Automatic Recognition Tools

Chair: *TBD (University)*

6900 Spatial-Temporal Unfold Transformer for Skeleton-based Human Action Recognition

Hu Cui and Tessai Hayama (Nagaoka University of Technology)

5134 Fusion of Physical and Human Sensors for Condition Prediction: Preliminary Experiments in Smart Agriculture

Moritaro Inoue, Kenta Toya, Riku Ogawa and Naoshi Uchihira (Japan Advanced Institute of Science & Technology)

3543 Estimation of Court Boundary and Showing of Player Trajectory using a Broadcast Handball Game Video

Takeshi Masuda, Fuki Mori, and Hiroaki Sawano (Aichi Institute of Technology)

5914 A Proposal of a Spike Event Classification Method Based on Ball Trajectory in a Volleyball Video

*Fuki Mori, Masuda Takeshi and Sawano Hiroaki (Aichi Institute of Technology)***3:50 pm - 4:00 pm****Break****Room33****4:00 pm - 5:20 pm****Session 3****Room 32BC**

Session Title: Educational Support Tools & Technologies

Chair: *TBD (University)*

7202 A Digital Initiative to Address Girls Education Challenges in Collaboration with NPO in Post-2021 Afghanistan

Jawad Haqbeen, Sofia Sahab, and Takayuki Ito (Kyoto University)

4263 Analysis of mutual evaluation activity and student performance in creative project-based learning

Motoki Miura (Chiba Institute of Technology)

8774 Adapting to Digital Textbooks: Challenges, Solutions, and Impact on Learning

Masaaki Tanaka (Aichi Medical College for Physical and Occupational Therapy) and Shun Okuhara (Mie university)

850 Visualization of the Impact of Classroom Utterances Using Generative Dialogue Models

Sakuei Onishi, Tomohiko Yasumori, and Hiromitsu Shiina (Okayama University of Science)

7379 Design and Implementation of Specialized Integrated Development Environment for IoT Programming Experiment Course

Yudai Kimbara and Motoki Miura (Chiba Institute of Technology)

Session 4

Room 33

Session Title: AI, NLP, and NLG Technologies I

Chair: *Takaya Yuizono (Japan Advanced Institute of Science and Technology)*

7633 BaleeGraph: Visualizing Co-Creation for Social Good

Kaira Sekiguchi, Yukio Ohsawa, Makoto Iida and Hisashi Nakamura (The University of Tokyo)

5656 Qualitative Evaluation of Ideas created by Generative AI

Hiroaki Furukawa (The University of Kitakyushu)

1642 Towards Detecting Appropriate Respondents to Questions Posted at Q&A Sites with the Consideration of word2vec

Yuya Yokoyama (Advanced Institute of Industrial Technology)

8988 Evaluating the performance of Machine Learning Classifiers on Predicting Hypothyroidism for Public Healthcare Good

Senanu Okuboyejo (Metro State University), Jawad Haqbeen (Kyoto University), and Takayuki Ito (Kyoto University)

7111 A Case Study on the Comparison of AI-facilitated Threaded Conversation versus Threaded Conversation

Jawad Haqbeen, Sofia Sahab, and Takayuki Ito (Kyoto University)

6:30 pm - 8:30 pm

Conference Banquet

Art Hotel Kokura New Tagawa

Thursday, September 21st, 2023

8:45 am - 17:40 pm

Technical / Factory Tour

Gathering spot:

Bus parking lot at the north exit of Kokura Station

Friday, September 22nd, 2023

9:00 am – 12:00 pm	Registration	Room 33
9:10 am - 10:00 am	Keynote Talk 1	Room 33
10:00 am - 10:10 am	Break	Room 33
10:10 am - 11:00 am	Keynote Talk 2	Room 33
11:00 am - 11:10 am	Coffee Break	Room 33
11:10 am - 12:00 pm	Keynote Talk 3	Room 33

12:00pm - 12:40pm

Session 5

Room 33

Session Title: AI, NLP, and NLG Technologies II

Chair: *TBD (University)*

6716 An Approach to Overcome the Opinion Polarization by a Small Social Interest,

Takayuki Ito (*Kyoto University*)

7904 Moral and Legal Responsibilities in School,

Takashi Sakuma (Chiba Prefectural University of Health Sciences),

Ryo Sugawara (Meisei University), and Shun Okuhara (Mie University)

5876 Finding Agreements among Massive Diverse Opinions

Shiyao Ding and Takayuki Ito (*Kyoto University*)

1:00 pm - 2:20 pm

Luncheon Award Ceremony Sea Lounge
& Conference Adjournment