

2024 International Conference on Big Data

Date: November 15-16, 2024

 Location: Shinagawa Campus, Tokai University
 Bldg. 1, 3rd floor, Room 1309

| Nov. 15 th | |
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| 15:30~16:00 Opening chair: Dr. Yamada Welcome Speech: Professor Yamamoto of Tokai University | |
| Acknowledgment Speech : Professor JIN of Korea University Introduction of Program : Professor Lee of Korea University Conference Photography | |
| 16:00~17:00 Research Session chair: Dr. Yamada Title: Big Data for Intelligent Maintenance of Gas Regulator System Seohoon Jin (Korea University) Title: Data visualization of such as the number of new Covid-19 positives Yoshiro Yamamoto (Tokai University) | |
| Nov. 16 th | |
| 10:00~11:00 Student Research Presentation 1 chair: Prof. Yamamoto | |
| 10:00~10:20 | Title: A clustering method that provides the distance between researches for research IR Hiroka Hamada, Keisuke Honda (Institute of Statistical Mathematics) and Yoshiro Yamamoto (Tokai University) |
| 10:20~10:40 | Title: Big Data and Artificial Intelligence Modeling for Drug Discovery Sngjin Kim and Jai Woo Lee (Korea University) |
| 10:40~11:00 | Title: Analyze vending machine sales and create analytical applications Natsuki Okochi and Yoshiro Yamamoto (Tokai University) |
| 11:00~12:00 Invited Lectures chair: Prof. Yamamoto | |
| 11:00~11:30 | Invited Lecture Title: Development of COVID-19 Information Website Using R Speaker: Sanetoshi Yamada, Tokai University |
| 11:30~12:00 | Invited Lecture Title: Evaluation of Calculation Time and Computational Accuracy of Critical Value for Sequential Multiple Comparison Procedure Speaker: Toshiharu Ikeya, Terumo Corporation |
| 12:00 ~ 13:00 Lunch | |

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| 13:00~15:10 Student Research Presentation 2 | | chair: Prof. Jin |
| 13:00~13:20 | Title: Visualization application analyzing team characteristics and trends in soccer matches Hideyuki Yoza and Yoshiro Yamamoto (Tokai University) | |
| 13:20~13:40 | Title: Enhancing Vegetation Classification with Knowledge Distillation and Multi-Modal Data Integration DADABOEV ABDURAKHMON MUKHTORJON UGLI and Seohoon Jin(Korea University) | |
| 13:40~14:00 | Title: Visualization of trends in simultaneously detected bacteria and antimicrobial prescribing through analysis of electronic medical record data Hiroto Kubomatsu and Yoshiro Yamamoto (Tokai University) | |
| 14:00~14:10 | Title: Country-Specific Life Expectancy Prediction Model and Clustering Speaker : Kang, Seungbae(Korea University) | |
| 14:10~14:20 | Title: Coincidence – Ethereum Demand Prediction Project Speaker : Kim, Seokbeom(Korea University) | |
| 14:20~14:40 | Title: Analysis of MLB pitchers' next pitching pattern Toshiya Kase and Yoshiro Yamamoto (Tokai University) | |
| 14:40~14:50 | Title: Study of a flood damage risk prediction model using canonical correlation Speaker : An, Sookyung(Korea University) | |
| 14:50~15:00 | Title: Building Optimal Machine Learning Models for Predicting HIV Infection Speaker : Lee, Sunjae(Korea University) | |
| 15:00~15:10 | Title: Detecting the risk of mood disorders from the sleep-wake pattern information Speaker : Lee, Dasom(Korea University). | |
| 15:10~15:40 Student Poster Presentation | | chair: Prof. Lee : Under graduate students of Korea Univ. |
| 15:40 ~ 16:30 Coding Tutorials, Professor Lee, Jai Woo & graduate students: Ko, Juyong / Kim, Donggeun / Zan, Xin(Korea University) | | |
| 16:30~17:00 Closing | | chair: Prof. Lee |
| Professor Jin of Korea University Professor Yamamoto of Tokai University Conference Photography | | |
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