

The 16th International Conference on Genetic and Evolutionary Computing (ICGEC-2024)

August 28-29, 2024, Miyazaki, Japan

Special Session on Nursing Engineering Transformation using AI, Data Science, Blockchain, Robotics, IoT

Call for Papers

Organizers: Prof. Kenji Yamada

This special session, titled "Nursing Engineering Transformation using AI, Data Science, Blockchain, Robotics, IoT," aims to explore the application and potential of cutting-edge technologies in nursing. It focuses on improving efficiency in healthcare, enhancing patient care quality, and optimizing workflows by emphasizing the intersection of digital technologies and nursing engineering. Researchers, practitioners, and tech developers worldwide will gather to share the latest research findings and practical case studies, exchanging ideas to shape new nursing models.

The main objectives of this session are as follows:

1. Understanding Latest Technology Trends: To comprehend the current state and future potential of technologies like AI, Data Science, Blockchain, Robotics, and IoT in nursing engineering.
2. Sharing Practical Cases: To present practical examples of digital technology in nursing, fostering knowledge exchange among professionals.
3. Collaboration and Networking: To facilitate partnerships between researchers, developers, and clinical experts to build the next generation of nursing care models.
4. Identifying Challenges and Opportunities: To identify challenges and opportunities in transforming the nursing field through digital technologies and explore potential solutions.

This session will be an excellent opportunity to gain new perspectives and innovative ideas about the future of nursing engineering. We look forward to the participation of many, as it will provide a platform for deepening knowledge, expanding networks, and pioneering the future together.

Topics of interest include but are not limited to the following:

1. AI, Data Science
2. IoT, Robotics
3. Block Chain
4. Nursing Engineering
5. Medical Engineering

Submissions:

Papers should follow the template announced on the official ICGEC-2024 conference website (<https://icgec24.github.io/>) and be submitted via email to session organizer Prof. Kenji Yamada (organizer) at k.yamada@ist.osaka-u.ac.jp.

Conference Proceeding Information:

The conference proceedings will be published in the book series of Lecture Notes in Electrical Engineering by Springer. Normally, papers in this series are indexed by EI and Scopus.

Important Dates: (If ICGEC-2024 extends the dates, follow those dates announced on the website)

Paper submission deadline: **May 31, 2024 (Extended)**

Acceptance notification: **June 10, 2024**

Camera-ready paper due: **June 17, 2024**

Early bird registration deadline: **June 17, 2024**

For more information:

Please visit the ICGEC-2024 official websites <https://icgec24.github.io/> or contact the organizers of this invited session:

Prof. Kenji Yamada

Grad. School of Information Science and Technology

Osaka University

E-mail: k.yamada@ist.osaka-u.ac.jp