

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

August 28-29, 2024, Miyazaki, Japan

## **Special Session on Data Governance and Digital Transformation: Technologies and Applications**

### **Call for Papers**

#### **Organizers:**

Prof. Mong-Fong Horng, Prof. Chin-Shiuh Shieh, Dr. Shu-Wei Guo and Dr. Chun-Chih Lo

This special session, initiated by the Data Governance and Digital Transformation Industry-Academia Alliance, aims to bring together experts from industry, government, academia, and research institutions to discuss the latest technologies and applications in data governance and digital transformation. By sharing best practices and success stories, the session seeks to promote technological upgrades and innovative R&D, thereby enhancing the international competitiveness of enterprises. The agenda will cover the following topics: data privacy and security, data quality management, data-driven decision making, applications of artificial intelligence and machine learning, cloud data management, the Internet of Things (IoT) and real-time data processing, and big data analytics and business intelligence. The goal of this special session is to advance the development of domestic data governance technologies and strengthen collaboration and coordination among various sectors in the digital transformation process.

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

1. Data Privacy and Security: Strategies for Protection
2. Data Quality Management: Enhancing Accuracy and Integrity
3. Data-Driven Decision Making in Digital Transformation
4. Applications of Artificial Intelligence and Machine Learning in Digital Transformation
5. Cloud Data Management and Digital Transformation
6. Internet of Things (IoT) and Real-Time Data Processing
7. Big Data Analytics and Business Intelligence

#### **Submissions:**

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 Dr. Shu-Wei Guo (organizer) at shuweiguo@nkust.edu.tw.

**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: **June 6, 2024 (Final Extension)**

Acceptance notification: **June 30, 2024**

Camera-ready paper due: **July 8, 2024**

Early bird registration deadline: **July 8, 2024**

**For more information:**

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

Dr. Shu-Wei Guo

Department of Electronic Engineering

National Kaohsiung University of Science and Technology, Taiwan ROC.

E-mail: shuweiguo@nkust.edu.tw