

*The 15th International Conference Genetic and Evolutionary Computing  
October 6-8, 2023, Kaohsiung, Taiwan (Hybrid)*

**ICGEC-2023-IS08**

**Call for Paper**

**Invited Session on Modern Digital Operation Management and**

**Application for Computation and Information Technology**

**Session Organizer: Prof. Yen-Deng Huang, Prof. Ta-Wen Guan**

Due to the energetic development of computer sciences, artificial intelligence and information technology in the past few decades, many enterprises will be forced to transform from traditional production and operation management to digital ones, especially in industry, manufacturing, supply chain and logistics. Therefore, modern digital operation management will be drawn more and more attention, thereby greatly shortening the lead-time of production processes, reducing inventory control, and speeding up the logistics system. How to efficiently apply data-driven or Information-driven technology, as well as AI and computation has become important challenge to the modern management and innovations. The objective of the session is to invite researchers and specialists to submit original manuscripts that demonstrate and explore the latest research or issues and new algorithms from modern digital operation management and their applications. Authors are encouraged to submit either theoretical or practical articles to this invited session. The topics include, but not limited to, the followings:

- New Business Models and Operations Innovations
- Marketing and Operations Management
- Production Planning and Control
- Data/Information-driven Production Management
- Intelligent Supply Chain and Sustainable Development
- Logistics and Distribution Networks
- Inventory System on Metaheuristic Algorithm Applications
- Industrial Artificial Intelligence Systems

**Submissions:**

Papers should follow the template on the conference website and be submitted via email to Prof. Yen-Deng Huang at [huangyandeng@czcit.edu.cn](mailto:huangyandeng@czcit.edu.cn)

**Important Dates:**

Paper submission: June 15, 2023

Acceptance notification: August 15, 2023

Camera-ready copy and registration: September 1, 2023

**For more information please contact:**

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