

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

August 28-29, 2024, Miyazaki, Japan

## **Special Session on Multimedia Data Processing Call for Papers**

**Organizers:** Prof. Tetsuya Shimamura and Dr. Yosuke Sugiura

Multimedia data such as audio, speech, image and transmitted communication data are a vital tool to construct sophisticated information systems to be effectively utilized in the future. Recent developments of advanced signal processing, adaptive and learning systems and optimization are amazed and seem to be unlimited, covering a wide range of applications. Such hot topics are discussed in this special session. Submissions of papers describing heuristic and on-going results as well as showing novel idea are welcome.

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

1. Audio, Speech, and Language Processing
2. Image and Video Processing
3. Deep Learning and Machine Learning
4. Optimization
5. Adaptive Systems
6. Complex Systems and Networks

### **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. Tetsuya Shimamura (organizer) at [shima@mail.saitama-u.ac.jp](mailto:shima@mail.saitama-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: **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:

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