ICGEC-2023-IS10
Call for Papers

Invited Session on Hybrid Computing and Applications

Organizers: Dr. Shu-Wei Guo, Dr. Chun-Chih Lo and Prof. Mong-Fong Horng

Hybrid Computing refers to the method of combining different types of computing technologies and architectures to achieve higher efficiency and enhanced computational power. In various fields, many new machine learning methods and their applications have popped up, such as Deep Learning, GANs, Transfer Learning, Transfer Learning, E-learning, Recommendation System, Reinforcement Learning, Cloud Computing, Creative Computing etc. These methods have great research significance in the field of hybrid computing. This special session will discuss recent advances in the hybrid computing and applications. We invite submissions on a wide range of research topics, spanning both theoretical and systems research. The scope of this session is not limited to the vision of hybrid computing and applications, but also to encourage different ways of research, it should be emphasized that a broad range of submissions are encouraged.

Topics of interest include but are not limited to the following:
1. AI Empowered Chatbots for Digital Living
2. Cybersecurity and Resilient Networks
3. Data Analytics and applications
4. Edge AI and Application in Industrials
5. Health-care and Hospital 4.0
6. Hybrid Computing for ESG
7. Immersive Technology and Service
8. Internet of Things and Data Privacy
9. Machine Learning and Edge Computing
10. Metaverse and Digital Living

Submissions:
Papers are invited from prospective authors with interests in this invited session and related areas of application. All contributions should be original and not published elsewhere or intended to be published during the review period. For further information, please contact the session organizers given below.

Important Dates:
Paper submission deadline: **July 15, 2023**
Acceptance notification: **August 15, 2023**
Camera-ready copy and registration: **September 1, 2023**

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