Special Session on Advanced Meta-Heuristic Optimization Algorithms and Applications

Session Organizer: Prof. Shu-Chuan Chu, Dr. Pei Hu, Dr. Pei-Cheng Song, Prof. Jeng-Shyang Pan

This invited session will discuss traditional metaheuristic algorithms, such as Particle Swarm Optimization (PSO), Differential Evolution (DE), Genetic Algorithm (GA) and Ant Colony Optimization (ACO). It also receives the latest research and new algorithms from this direction. Contributions discussing image processing and machine learning applications of these algorithms are warmly welcomed. This special session provides an international forum for researchers and specialists from the field of merging techniques and their applications. Although particular attention will be given to the above theme areas, it should be stressed that a broad range of submissions is encouraged. Subject Coverage (Topics of interest include but are not limited to the following):

1. Advanced metaheuristic algorithms for image processing and digital watermarking.
2. New metaheuristic algorithms or findings.
3. Metaheuristic algorithms for QR Code.
4. Metaheuristic algorithms for machine learning.
5. Metaheuristic algorithms for engineering applications.
6. Metaheuristic algorithms for large-scale problems.
7. Metaheuristic algorithms for dynamic/multi-task multi-objective.
8. Metaheuristic algorithms for parallel processing.
9. Computational Intelligence Algorithms and Applications.

Submissions:

Prospective authors are invited to submit original, unpublished research papers. Submissions should be formatted according to the conference's guidelines and submitted through the conference submission system. All submissions will undergo a rigorous double-blind peer review process, evaluating them for their originality, technical and/or research content, relevance to the special session theme, and readability.

Important Dates:

Paper submission deadline: **May 31, 2024**
Acceptance notification: **June 10, 2024**
Camera-ready papers due: **June 17, 2024**
Early bird registration: **June 17, 2024**

For more information please contact:

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