CALL FOR PAPERS
SPECIAL SESSION ON
Metaheuristics and Parameter Optimization
for ICCAD'24
May 15-17, 2024, Paris-France

Session Co-Chairs:

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Session description:

Optimizing model parameters in machine and deep learning approaches is the key strategy to enhance its performance. This kind of approaches are everywhere in industry and become an important alternative for many fields. However, it has many limitations while solving some difficult problems such as over fitting, computational cost and dependence on data quality.

The main goal of this special session is to highlight how scholars improve their machine and deep learning approaches by advanced optimization algorithms such as metaheuristics.

The topics of interest include, but are not limited to:

- *Machine learning*
- *Deep learning*
- *Hyper-parameter optimization*
- *Metaheuristics*
- *Data driven optimization*
- *Neural network architecture*
- *AI methods coupled with metaheuristics.*
- *AI methods with Hyper heuristic*
- *Combinatorial optimization problems*
- *Linear programming and Mixed Integer Linear programming*

SUBMISSION

Papers must be submitted electronically for peer review by**: December 15, 2023**
https://www.iccad-conf.com/submission/

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).