

**Special Session on
Recent trends and frontiers of Hybrid intelligent systems for scientific and
industrial applications**

at

22nd International Conference on Hybrid Intelligent Systems (HIS'22)

on

World Wide Web

December 13-15, 2022

<https://www.mirlabs.org/his22/>

Objectives and Scope

Implementation of computational intelligent algorithms to address challenging real world problems, and especially their hybridization has become very popular in recent decades. Since combination of intelligent algorithms tend to perform better than individual implementation of intelligent algorithms, its awareness is steadily increasing and many research works are upcoming in hybridizing intelligent algorithms. Current scientific and industrial applications most often need highly efficient algorithms to achieve cutting edge performance and hybrid algorithms will definitely serve the purpose with their recent technologies and principles. Hybrid algorithms can easily solve complex problems which are either difficult or impossible to solve by individual algorithms. This special session invites eminent papers focusing on hybridization of the following intelligent algorithms and their real world scientific and industrial applications.

Subtopics

The topics include, but are not limited to:

- Supervised learning
- Unsupervised learning
- Reinforcement learning
- Evolutionary Algorithms
- Neural networks
- Fuzzy systems
- Deep learning algorithms
- Predictive Algorithms
- Ensemble learning Algorithms
- Pattern Recognition Algorithms
- Natural Language Processing Techniques

Author guidelines

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago)
<https://www.springer.com/series/15179>
- Papers maximum length is 10 pages

- Papers must be formatted according to Springer format (Latex/word) available at: <https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>

Important Dates

Paper submission due: September 30, 2022

Notification of paper acceptance: October 31, 2022

Registration and Final manuscript due : November 15, 2022

Conference: December 13-15, 2022

Special Session Chairs

- R.Devi Priya, KPR Institute of Engineering and Technology, Coimbatore, India.
- S.Albert Alexander, Kongu Engineering College, Erode, India
- Geno Peter, School of Engineering and Technology, University of Technology Sarawak, Malaysia.

Information Contact: R.Devi Priya < scrpriya@gmail.com >