





International Conference on Evolutionary Artificial Intelligence (ICEAI 2023)

Organized by 13-14, September 2023 * Malaysia

RVS College of Engineering and Technology,

Coimbatore, India in association with

Conference Link: http://icoeai.com/

Taylor's University, Malaysia

CALL FOR PAPERS

WELCOME TO ICEAI 2023

In recent years, evolutionary computation has been extensively utilized to find effective solutions to a wide range of computationally difficult problems for which ad hoc heuristics may not exist. Novel nature-inspired algorithms have been introduced and it is also effectively applied to real-world challenges with the advent of evolutionary algorithms. As a subfield of computational intelligence, evolutionary artificial intelligence uses computational models of evolutionary processes as the key element in design and implementation. Many evolutionary computational models have been proposed, including evolutionary algorithms, genetic algorithms, evolutionary programming and swarm intelligence. This International Conference on Evolutionary Artificial Intelligence [ICEAI 2023] intends to be a major forum for engineers and research practitioners interested in the study, design, analysis, modeling and implementation of evolvable systems both theoretical and application fields. ICEAI 2023 also aims to foster hybrid approaches within evolutionary computation by integrating fuzzy computation and neural computation technologies.

ABOUT THE TAYLOR'S UNIVERSITY

Taylor's vision for the future has always been clear: achieving balanced excellence, being recognised as a leading private university locally and globally, and equipping students to graduate in demand. We are humbled by the recent recognition as the No. 1 Private University in Southeast Asia for three consecutive years. Leaping 349 ranks since 2019 to #284 in the QS World University Rankings 2023, we are now placed among the top 1% of the most influential universities globally. We are also ranked at #49 in Asia according to the QS Asia University Rankings 2023, leaping 40 places in just two years and over 140 places throughout the past seven years. These successes are a testament to our commitment in providing quality education for our students. More importantly, the honour belongs not just to us, but to the entire Taylor'sphereTM community, encompassing dedicated lecturers and researchers, our industry partners, alumni, and most of all, our students and their parents. Taylor's is more than just a benchmark in education excellence. For the past 50 years, it is where Taylorians hone and perfect their unique strengths to create life-changing discoveries, breakthroughs and trends. This holistic approach to education, paired with state-of-the-art facilities and a network of inspiring Taylorians have seen graduates making headlines in Malaysia and the world over.

ABOUT THE RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

RVSCET approved by AICTE and affiliated to the Anna University, Chennai is marching towards a new era in education was established in the year 2007 by our Chairman Dr. K. V. KUPUSAMY, and the college has attained the role of "Holistic Education" right from the start. The college is located 14 kms away from the cotton city of Coimbatore, spread over a sprawling campus area of 200 acres bordered by the serene beauty of Southern India. RVS is well connected by buses moving to various places in propinquity. RVS is attaining eminence as the favorite target for Engineering Education, for its immaculate infrastructure, outfitted with the best of facilities over a rambling campus area. Various courses offered are B.E. (CSE, ECE, EEE, MECH, and PCE), M.E (EDEC), M.E(EST), M.E (CS), M.E (CSE) and M.E (Thermal).

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TRACK - I

Particle swarm optimization
Evolutionary programming
Genetic programming
Hybrid evolutionary algorithms
Ant colony optimization
Evolutionary neural networks
Evolutionary reinforcement learning
Genetic algorithms
Memetic algorithms
Novel bio-inspired algorithms
Evolving multi-agent systems
Agent-based evolutionary approaches
Evolutionary game theory

TRACK - II

Artificial life
Evolutionary robotics
Image processing and neuroevolution
Deep neuro-evolution
Multi-objective neuro-evolution
Evolvable computing
Evolvable/adaptive hardware and systems
Genetic programming
Hybrid neuro/genetic, fuzzy/genetic systems
Bio-inspired metaheuristics
Swarm/collective intelligence
Supervised learning
Intelligent representation techniques
Evolutionary machine learning algorithms

PUBLICATION

All registered and presented papers will be submitted for inclusion into Algorithms for Intelligent Systems (Springer Book Series)

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https://www.springer.com/series/16171

Registration Fee:

For registration fee refer the following link: http://icoeai.com/registration.php

Authors must submit their papers to conference Email (iceai.contact@gmail.com) on or before the submission deadline mentioned in the conference homepage.

Submission Guidelines

- alternate submission method: EasyChair https://easychair.org/conferences/?conf=iceai2023

VENUE

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