



CALL FOR PAPERS

ICAIM 2020
Apr 24-25, 2020
Istanbul, Turkey

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICAIM 2020 : International Conference on Artificial Intelligence in Mechatronics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Artificial Intelligence in Mechatronics. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Artificial intelligence in mechatronics systems
Design of intelligent mechatronic systems
Instrumentation and control methodologies
Advanced manufacturing methodologies
Artificial intelligence and signal processing
Automation and automated manufacturing
Autonomous systems, distributed intelligence systems and multi-robot systems
Application of artificial intelligence in mechatronic systems
Artificial neural network in mechatronic system control
Particle swarm optimization
Explosion control
Position minus position
Coefficient times velocity

Velocity minus velocity
Position minus velocity
Lazy descent method
Energetic descent method
Local iterative leveling
Adaptive re-hope method
Parallel and sequential versions
Initial population of particles
Adaptations
Good particle and bad particle
Best particle and worst particle
Adaptation scheme
Position update