



CALL FOR PAPERS

ICAAIBE 2022
Aug 23-24, 2022
Kuala Lumpur, Malaysia

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.

ICAAIBE 2022 : International Conference on Algorithms and Artificial Intelligence for Biomedical Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Algorithms and Artificial Intelligence for Biomedical Engineering. 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 for biomedical engineering
Artificial intelligence in biomedical engineering and informatics
Nano intelligent biomedical engineering
Types of neural networks and neural network algorithms
Knowledge representation, knowledge acquisition, and reasoning methodologies
Chaotic analysis of biomedical time series
Genetic algorithms
Probability-based systems and fuzzy systems
Evaluation and validation of decision support aids
Signal processing and recent computational intelligence methods
Computational intelligence in the control of myoelectric prostheses and exoskeletons
Applications in neural networks, fuzzy logic, and support vector machines
Healthcare process management

Knowledge acquisition and management
Protocols and guidelines
Computational intelligence in bioclinical medicine
Computer/clinical decision support systems
Medical imaging and signal processing, text analysis
Natural language generation and understanding
Medical data mining
Bioinformatics and neurosciences
Drug discovery
Intelligent analysis of genomic and proteomic data
Automated reasoning and metareasoning in medicine
Machine learning, knowledge discovery, and data mining
Medical informatics and biomedical engineering

