



CALL FOR PAPERS

ICNAACKA 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.

ICNAACKA 2020 : International Conference on New Algorithmic Approaches, Computational Kernels and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of New Algorithmic Approaches, Computational Kernels and Applications. 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:

Applications of computational science
Problem solving environments
Advanced numerical algorithms
Complex systems: modeling and simulation
Hybrid computational methods
Web and grid based simulation and computing
Parallel and distributed computing
Advanced computing architectures and new programming models
Visualization and virtual reality as applied to computational science
Applications of computation as a scientific paradigm
New algorithmic approaches to computational kernels and applications

Computational humanities
Probabilistic computation
Computational complexity, economics, geometry
Education in computational science
Computational methods, algorithms and scientific application
Large scale scientific instruments
Computational sociology
Computational geometry
Computational mathematics
Medical and biomedical computational science