



CALL FOR PAPERS

ICACNM 2022
Dec 13-14, 2022
Rome, Italy

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.

ICACNM 2022 : International Conference on Applied Computation and Numerical Modeling is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applied Computation and Numerical Modeling. 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:

Applied computational science
Applied computation
Computational science and scientific computing
Numerical simulations
Model fitting and data analysis
Computational and mathematical optimization
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