



# CALL FOR PAPERS

**ICCSMGNA 2020**  
**Jun 11-12, 2020**  
**Barcelona, Spain**

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.

ICCSMGNA 2020 : International Conference on Computational Science, Mathematics, Geometry and Numerical Algorithms is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational Science, Mathematics, Geometry and Numerical Algorithms. 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