



# CALL FOR PAPERS

**ICAMEA 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.

ICAMEA 2020 : International Conference on Applications of Metamaterials in Engineering Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applications of Metamaterials in Engineering 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:

Experimental techniques for characterization of metamaterials  
Analytical and numerical modelling of metamaterials  
Homogenization of metamaterials and effective medium models  
Three-dimensional metamaterials  
Planar metamaterials, meta-surfaces and meta-sheets  
Carbon nanotubes and graphene in metamaterials  
Nonlinear, tunable and reconfigurable metamaterials  
Active and absorption-free metamaterials  
Chiral and bianisotropic composites  
Metamaterials with extreme parameters  
Quantum metamaterials  
Plasmonic metamaterials  
Extraordinary transmission

EBG structures, photonic crystals, and their applications  
Antenna and absorber applications of metamaterials  
RF and microwave metamaterials: design, properties, applications  
Millimeter wave/THz metamaterials and applications  
Optical metamaterials and applications  
Acoustic and mechanical metamaterials  
Metamaterials for nanoelectronics and nanoantennas  
Metamaterials for quantum electronics  
Metamaterials for sensors  
Biological applications of metamaterials  
Medical applications of metamaterials  
Integrated nanophotonics  
Super-resolution and near-field imaging: effects and devices