



# CALL FOR PAPERS

**ICETCM 2020**  
**Feb 17-18, 2020**  
**Male, Maldives**

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.

ICETCM 2020 : International Conference on Experimental Techniques for Characterization of Metamaterials is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Experimental Techniques for Characterization of Metamaterials. 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:

Physics of complex electromagnetic materials  
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