



CALL FOR PAPERS

ICMEP 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.

ICMEP 2020 : International Conference on Metamaterials with Extreme Parameters is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Metamaterials with Extreme Parameters. 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