



# CALL FOR PAPERS

**ICON 2020**  
**Feb 10-11, 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.

ICON 2020 : International Conference on Optoelectronics and Nanophotonics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Optoelectronics and Nanophotonics. 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:

Nanophotonics  
Plasmonics: metallic nanostructures and their optical properties  
Meta materials, fundamentals and applications  
Nanophotonic concepts and devices for solar energy harvesting and conversion  
Near-field optical microscopy  
Nanowaveguides and devices  
Nano lasers  
Nanostructures, nanoparticles, nanotubes, nanowires, nanofibers  
Photonic crystals  
Integrated silicon photonics

Semiconductor quantum dots  
Quantum optics and quantum information  
Ultrafast and nonlinear pulse propagation in nano materials and structures  
Light-matter interaction, optical manipulation techniques  
Nano-biophotonics  
Optofluidics  
Optomechanics  
System applications based on nanophotonic devices  
Nanofabrication techniques, thin film processing, self-assembly