



# CALL FOR PAPERS

**ICMN 2022**  
**Feb 11-12, 2022**  
**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.

ICMN 2022 : International Conference on Microelectronics and Nanotechnology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Microelectronics and Nanotechnology. 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:

Microelectronic Device Processing  
and Process Integration  
Microelectronic Device Electrical  
and Reliability Testing  
Semiconductor Packaging and  
Reliability  
Microelectronic Circuit Design  
MEMS and Nanoelectronic Devices  
DUV, immersion, EUV and X-ray  
lithography  
Electron and ion beam lithography  
Sub-half wavelength "super  
resolution" optical lithography  
Photon- and charged-particle  
optics  
Metrology and alignment  
Resists and resist processing  
Plasma etching and deposition  
Nano-fabrication techniques

Maskless Lithography  
Nanoelectronics  
Nanomagnetic devices  
Novel ultrahigh density data  
storage devices  
Nanoparticle synthesis and  
assembly  
Nanofabrication for energy sources  
Atomic and Molecular manipulation  
Optical tweezers  
Simulation and computer aided  
design for the Nanoscale Era  
Nanometer scale photonic devices  
Molecular and low-dimensional  
nano-electronics  
Bio-nanotechnology & hybrid  
bio/solid state devices  
Micro and nano-scaled MEMS