



# CALL FOR PAPERS

**ICANM 2021**  
**Mar 25-26, 2021**  
**Madrid, 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.

ICANM 2021 : International Conference on Advances in Nanomechanics and Micromechanics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Nanomechanics and Micromechanics. 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:

Atomistic and dislocation modelling  
Atomistic studies on deformation and fracture  
Comparison variational principles  
Complex, graded and interpenetrating microstructures  
Composite materials  
Composite nanomechanics  
Computational nanomechanics of composites  
Effective elastic modulus  
Eshelby tensors in a finite volume and their applications  
Fracture criteria for prediction of crack propagation  
Green's function and fourier transform  
Inelasticity and nanomechanics of metal matrix composites  
Introduction of dislocation theory

Introduction to configurational mechanics  
Layered metal/ceramic composite materials, multilayer graded structures and graded interfaces  
Mathematical and computational modeling of cracks  
Mechanics and nanomechanics  
Nanomechanical damage theory  
Nanomechanical experiments  
Nanomechanical homogenization theory  
Nanomechanical simulation of composites  
Nanomechanics and microstructure of metals  
Nanomechanics and nanomechanics  
Nanomechanics and nanosimulation of metals and composites  
Nanomechanics of advanced materials  
Nanomechanics of composite materials