



CALL FOR PAPERS

ICAMNT 2020
Jan 20-21, 2020
Amsterdam, The Netherlands

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.

ICAMNT 2020 : International Conference on Advanced Materials and Nanomechanical Testing is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Materials and Nanomechanical Testing. 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:

Deformation mechanisms
Fundamental studies in mechanical and indentation testing (size effects, phase transformations...)
FIB/lithography and novel preparation methods for micro- and nanoscale objects
In situ techniques (synchrotron, electron microscopy, light microscopy...)
Modeling: molecular dynamics, discrete dislocation dynamics and crystal plasticity
Testing of nanostructures, thin films and coatings

Fatigue and fracture testing
Testing of polymeric and biomaterials
Testing of metals, ceramics and composites
High temperature and environmental testing
Future directions