



# CALL FOR PAPERS

**ICSCMPN 2021**  
**Jan 14-15, 2021**  
**Bali, Indonesia**

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.

ICSCMPN 2021 : International Conference on Synthesis, Characterization and Modeling of Polymer Nanocomposites is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Synthesis, Characterization and Modeling of Polymer Nanocomposites. 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:

Polymer nanocomposites  
Bio-hybrid polymer nanofibers  
Polymer nanocomposite technology  
Nanocomposite science and technology  
Nanofillers and processing  
Synthesis, properties and applications  
Structural and mechanical properties of polymer nanocomposites  
Synthesis, characterization and modeling  
Multiscale modeling and simulation of polymer nanocomposites  
Bio-hybrid nanofibres by electrospinning  
Bio-hybrid polymer nanotubes by wetting

Delivery from compartmented nanotubes  
Immobilization of proteins  
Engineering applications  
Size and pressure effects on nanopolymers  
Ultrastrong and stiff layered polymer nanocomposites  
Graphene-based polymer nanocomposites  
Remotely actuated polymer nanocomposites  
Stimuli-responsive polymer nanocomposites  
Clay-based polymer nanocomposites  
Nanotube networks in polymer nanocomposites  
Experimental trends in polymer nanocomposites