



CALL FOR PAPERS

ICABC 2021
Mar 22-23, 2021
Prague, Czechia

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.

ICABC 2021 : International Conference on Advanced Biobased Composites is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Biobased Composites. 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:

Biobased composites
Hybrid biobased composites
Commercial and experimental biobased composites
General-purpose biobased composites
High strength biobased composites
Biobased composite manufacturing and production
Recycling and reuse of biobased composites
Biobased composite reinforcement
Biobased composites for engineering applications
Atomic structure and structural stability of biobased composites
Structural modeling of biobased composites
Test methods of biobased composites
Biobased composite manufacturing techniques

Modelling and simulation of biobased composites
Biobased composites for high-performance materials
Natural fiber surface treatments and coupling agents in bio-based composites
Recent advances in cellulose nanocomposites
Lifetime durability of biobased composites
Mechanical properties of natural fiber-reinforced composites
Characterization and strength modeling of laminated biobased composites
Micromechanical modeling of biobased composites
Life cycle assessments of biobased composites
Ultrastrong and bioactive nanostructured biobased composites
Biobased composites for sound absorption
Processing and characterization of biobased composites