



CALL FOR PAPERS

ICAAT 2021
Jul 19-20, 2021
Helsinki, Finland

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.

ICAAT 2021 : International Conference on Advanced Aerogel Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Aerogel Technologies. 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:

Aerogel materials
Chemistry of aerogel materials
Chemical engineering for aerogel materials
Chemistry, structure, and properties of aerogels
Preparation and characteristics of aerogel-based materials
Surface chemistry of silica aerogels
Sol-gel processing
Synthesis of aerogels
Preparation of cellulose aerogels
Inorganic gels
Chemical differences between silica and other oxides sol-gel chemistry
Alumina and other oxide aerogels
Organic aerogels

Chemical adaptation of aerogels to thermal insulation
Chemistry of monolithicity
Chemistry of hydrophobicity
New chemical developments in organic, hybrid organic-silica aerogels
Chemical adaptation of aerogels for optical applications
Chemistry of homogeneous porous texture
Aerogels in cherenkov counters
The chemistry of luminescent aerogels
Application of aerogels in catalysis
Silica aerogel and life science
Further potential developments in the chemical
Synthesis of aerogels
Carbon aerogels