



# CALL FOR PAPERS

**ICSGSE 2020**  
**Jul 23-24, 2020**  
**London, United Kingdom**

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.

ICSGSE 2020 : International Conference on Sol-Gel Science and Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Sol-Gel Science and Engineering. 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:

Sol-gel science  
Sol-gel physics and chemistry  
Gel-derived ceramics  
The physics and chemistry of sol-gel processing  
Sol-gel preparation of silica gels  
Sol-gel based materials  
Commercial and experimental sol-gel based materials  
General-purpose sol-gel based materials  
High strength sol-gel based materials  
Chemical compositions of sol-gel based materials  
Sol-gel based materials manufacturing and production  
Sol-gel based materials synthesis and characterization  
Recycling and reuse of sol-gel based materials

Sol-gel based material reinforcement  
Sol-gel based materials for engineering applications  
Atomic structure and structural stability of sol-gel based materials  
Structural modeling of sol-gel based materials  
Sol-gel based materials as precursors of bioactive glass ceramics  
Bioactive sol-gel based materials  
Sol-gel preparation of silica glass  
Optical and electronic phenomena in sol-gel based materials  
Theory of deformation and flow in gels  
Structural evolution during consolidation  
Surface chemistry and chemical modification  
Sol-gel science for ceramic materials  
Sol-gel based materials for biomedical applications

