



# CALL FOR PAPERS

**ICSHMEA 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

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.

ICSHMEA 2020 : International Conference on Self-Healing Materials and Engineering Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Self-Healing Materials and Engineering Applications. 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:

Self-healing materials  
Self-healing polymeric materials  
Self-healing technology  
Self-healing of thermoplastic materials  
Self-healing of thermoset materials  
Current applications of self-healing materials  
Self-healing polymers and polymer composites  
Self-healing anticorrosion coatings  
Self-healing processes in concrete  
Self-healing of surface cracks in structural ceramics

Self-healing of fiber-reinforced polymer-matrix composites  
Mechanisms of self-healing  
Chemical and physical processes occurring during self-healing of polymers  
Fault detection mechanisms  
Triggering and tuning the healing processes  
Activation energy of self-healing  
Self-healing timescale and extent  
Molecular dynamics simulation  
Experimental methods in evaluation of self-healing efficiency  
Self-healing of different polymers