



# CALL FOR PAPERS

**ICSMSAAM 2020**  
**Dec 17-18, 2020**  
**Barcelona, Spain**

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.

ICSMSAAM 2020 : International Conference on Smart Materials and Smart Applications of Advanced Materials is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Smart Materials and Smart Applications of Advanced Materials. 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:

Advances in multifunctional materials  
Shape memory materials: state-of-the-art research and applications  
Advances in multiferroic and magnetoelectric materials and applications  
Advances in inorganic and organic luminescent materials and applications  
Electro-active polymers: current capabilities and challenges  
Photocatalytic materials for energy and environmental applications  
Nanoarchitecture design for electrocatalysis, photocatalysis and fuel cells  
Catalytic materials in energy applications  
Energy harvesting via smart materials  
Nanoparticles and nanomaterials for fuel cells applications  
Materials and mechanisms of superconductivity  
Graphene and other 2D-materials  
Smart assembling on surfaces

Smart materials for artificial sensing  
Stretchable and flexible electronic materials and devices  
Bioinspired materials  
Biomimetic bioactive biomaterials - the novel materials of implantable devices  
Stimuli responsive materials  
Nanoparticles for cancer therapy  
Intelligent drug delivery and release systems  
New materials for sensors and actuators: sensing the future with new materials  
New materials and methods for cultural heritage cleaning and preservation  
Progress in wearable/wireless and implantable body sensor networks for healthcare applications  
Intelligent materials for intelligent textiles  
Smart materials and micro/nanosystems  
Self-healing materials

