



CALL FOR PAPERS

ICSMAAM 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.

ICSMAAM 2020 : International Conference on Smart Materials and 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 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

