



CALL FOR PAPERS

ICAMS 2022
Oct 21-22, 2022
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.

ICAMS 2022 : International Conference on Auxetic Materials and Structures is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Auxetic Materials and Structures. 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:

Auxetics and auxetic materials
Auxetic structures
Mechanics and applications of auxetic structures
Auxetic polymeric materials
Materials with negative poisson's ratios
Auxetic metamaterials
Computational design and fabrication of auxetic materials
Modeling of impact properties of auxetic materials
Auxetic material fabrication, characterization, evaluation, and application
Re-use, recycling and degradation of auxetic materials
Reprocessing of auxetic materials
Recent developments in auxetic materials
Auxetic materials from natural resources

Auxetic material evaluation and processing
High performance auxetic materials
Auxetic materials for engineering applications
Hybrid auxetic materials
Tensile and compression properties of auxetic materials
Mechanical and dynamic mechanical analysis of auxetic materials
Commercial and experimental auxetic materials
High strength auxetic materials
Atomic structure and structural stability of auxetic materials
Structural modeling of auxetic materials
Classification of auxetic materials
Processing, markets and applications of auxetic materials
Structure of auxetic materials