



CALL FOR PAPERS

ICMSDNAASUA 2020
Nov 19-20, 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.

ICMSDNAASUA 2020 : International Conference on Material and Structural Design of Novel Adhesives, Adhesive Systems and Underwater Adhesives is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Material and Structural Design of Novel Adhesives, Adhesive Systems and Underwater Adhesives. 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:

Novel adhesive chemistries
Morphologies, nanostructures
Composite/hybrid systems and structures
Organic/inorganic combinations
Biomimetic designs
Functional/smart adhesives
Self-healing adhesives
Biomedical adhesives for clinical applications
Multiresponse adhesives
Interphase design
Reversible sacrificial bonds
Hydrogel applications

Advanced manufacturing of and with adhesives
Novel toughening mechanisms, impact resistance
Novel considerations for “wetting-and-setting”
Underwater adhesives
De-adhesion
Adhesion/de-adhesion reversible adhesives
Design methodologies for current connection/joining methods
replacement by adhesive bonding
Design of structure-function relationships
Electrical and thermal conductivity
Radar-absorption
Controlled release and medical functions