



CALL FOR PAPERS

ICAMC 2021
Mar 29-30, 2021
Singapore, SG

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.

ICAMC 2021 : International Conference on Aeroelastic Modeling and Control is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Aeroelastic Modeling and Control. 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:

Aeroelasticity and aeroelastic modeling
Static and dynamic aeroelasticity
Experimental aeroelastic models design
Standard requirements and applications
Symmetric and asymmetric manoeuvres
Pitching acceleration, gust effects, roll and yaw
Structural design data and analysis
Bending moment and torque diagrams

Load factors, repeated and random loads
Aeroelastic requirements in aircraft design
Basics of static aeroelasticity
Divergence, control efficiency and reversal
Unsteady aerodynamic loads on oscillating airfoils
Important design parameters and criteria
Aeroelastic analysis and optimisation techniques
Flexible airframes and analysis techniques