



CALL FOR PAPERS

ICAAM 2020
Feb 27-28, 2020
Sydney, Australia

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.

ICAAM 2020 : International Conference on Advanced Aerospace Materials is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Aerospace 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:

Aerospace materials
Aerospace materials: past, present and future
Materials and material requirements for aerospace structures and engines
Strengthening of metal alloys
Mechanical and durability testing of aerospace materials
Production and casting of aerospace metals
Processing and machining of aerospace metals
Aluminum alloys for aircraft structures
Titanium alloys for aerospace structures and engines
Magnesium alloys for aerospace structures
Steels for aircraft structures
Superalloys for gas turbine engines
Polymers for aerospace structures

Manufacturing of fibre-polymer composite materials
Fibre-polymer composites for aerospace structures and engines
Metal matrix, fibre-metal and ceramic matrix composites for aerospace applications
Wood in small aircraft construction
Fracture processes of aerospace materials
Fracture toughness properties of aerospace materials
Fatigue of aerospace materials
Corrosion of aerospace metals
Creep of aerospace materials
Nondestructive inspection and structural health monitoring of aerospace materials
Disposal and recycling of aerospace materials
Materials selection for aerospace