



CALL FOR PAPERS

ICAAISS 2020
Jun 11-12, 2020
Copenhagen, Denmark

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.

ICAAISS 2020 : International Conference on Advanced Aerodynamics and Spacecraft Structures is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Aerodynamics and Spacecraft 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:

Developments of spacecraft
Orbital and suborbital spaceplanes
Unmanned and manned spacecrafts
Aircraft landing
Materials science and new materials for spacecrafts
Spacecraft under development
Aerodynamic forces and structural flexibility
Spacecraft structures
Rocket and airbreathing engines
Design aspects; wing design, fuselage, propulsion, weight and mechanical structure
Design optimization and computer-aided design of aircraft
Design process and simulation; conceptual design, preliminary design phase, detail design phase
Flight software engineering and testing

Model based software development
navigation, fault management and command sequence control
Space network protocols and onboard communication
Onboard data processing
Software modeling, simulation and tests
Spacecraft software architectures
Agile software development
Flight processors and operating systems
Software verification and validation
Testing technologies
Aerodynamic's fundamental concepts
Aeronautical and aeronautical engineering
Branches of aerodynamics