



# CALL FOR PAPERS

**ICAAF 2022**  
**Sep 27-28, 2022**  
**San Francisco, USA**

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.

ICAAF 2022 : International Conference on Aviation and Alternative Fuels is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Aviation and Alternative Fuels. 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:

#### Alternative fuels

Development of new alternative fuels and biofuels processing technologies  
Novel biofuel feedstocks  
New perspectives of alternative fuels  
New developments in microalgae for biofuels production  
Biohydrogen production  
Biobutanol production  
Physical and chemical properties of alternative fuels and their improvement  
Predicting the properties of alternative fuels blends  
Modelling and experimental investigation of engine performance and emissions of alternative fuels  
Waste to energy  
Novel nano-catalysts for biodiesel production  
Socio-economic and environmental impacts of alternative fuels

Biomass industries performance  
Future challenges, directions and economics of alternative fuels  
Biofuel: biomass, algae-based fuels, biodiesel  
Alcohol fuels  
Carbon-neutral and negative fuels  
Hydrogen and formic acid  
Hydrogen/compressed natural gas mixture  
Propane autogas  
Natural gas vehicles  
Compressed natural gas fuel types  
Nuclear power and radiothermal generators  
Nuclear reactors  
Thorium fuelled nuclear reactors