



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