International Forum for Aviation Research

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Global network of public aeronautical R&D institutions

Currently 26 aviation research organizations from all over the world are members of IFAR.

The current members represent 34,000 researchers working in aviation.

Membership in IFAR is open to national aviation research organizations, including universities active in aviation research, that are (1) non-profit, (2) owned or mainly funded by public governments, and (3) charged by the country or countries in which they are located to conduct such research activities on their behalf. One organization per country is accepted for membership.
Objectives of IFAR

Network among government sponsored R&D organizations

Identify priority global research challenges for common action

Inform aviation-related policies through research

Improve our research outcomes through collaborative activities

Foster the next generation of global aeronautics researchers
The Fourth Assessment Report of the International Panel on Climate Change (IPCC) stirred an intensive public debate on future aeronautical research challenges and policies.

12 international aeronautical research organisations met in Berlin to address challenges to future Air Transport in the context of climate change.

16 international aeronautical research organisations met and founded the International Forum for Aviation Research (IFAR)

2nd IFAR Summit was held in Paris – focus on noise, climate change

Planned annual summits to address new challenges
Cooperation: Alternative Aviation Fuels

ACCESS II Team including NASA, DLR and NRC representatives in front of the NASA DC-8 research aircraft, NRC’s CT-133 research aircraft, DLR Falcon aircraft and the HU-25 Guardian aircraft from NASA’s Langley Research Center.
Alternative Aviation Fuels
Alternative fuel effects on Contrails and Cruise Emissions Flight Test

NASA Falcon Aircraft in Flight Behind DC-8 Aircraft
Thank you for your attention!