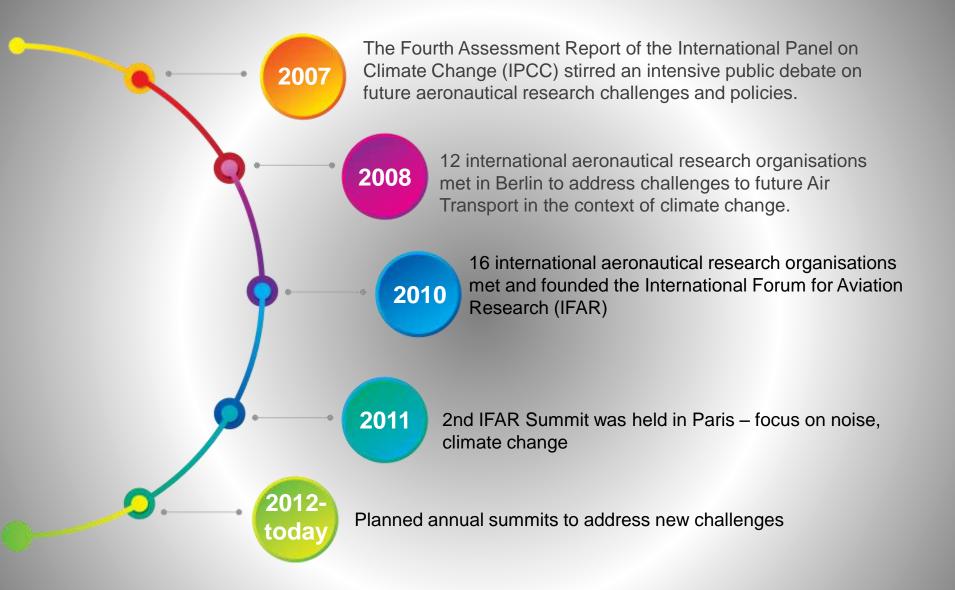


International Forum for Aviation Research Overview

Unique and Exciting International Collaboration Forum for Aeronautics Research

Jaiwon Shin, Associate Administrator Aeronautics Research Mission Directorate September 2014

Evolution of IFAR



Statistics of IFAR

Currently 24 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



IFAR Organization



IFAR Technical Activity

- ✤ Non-competitive aviation research
- → Development related to global technical challenges

Alternative Fuel

Enable the use of alternative aviation fuels

Efficiency

Climate Change a New Challenge for Aircraft development



ATM

Increase air transportation system performance to safely enable projected growth in system operation

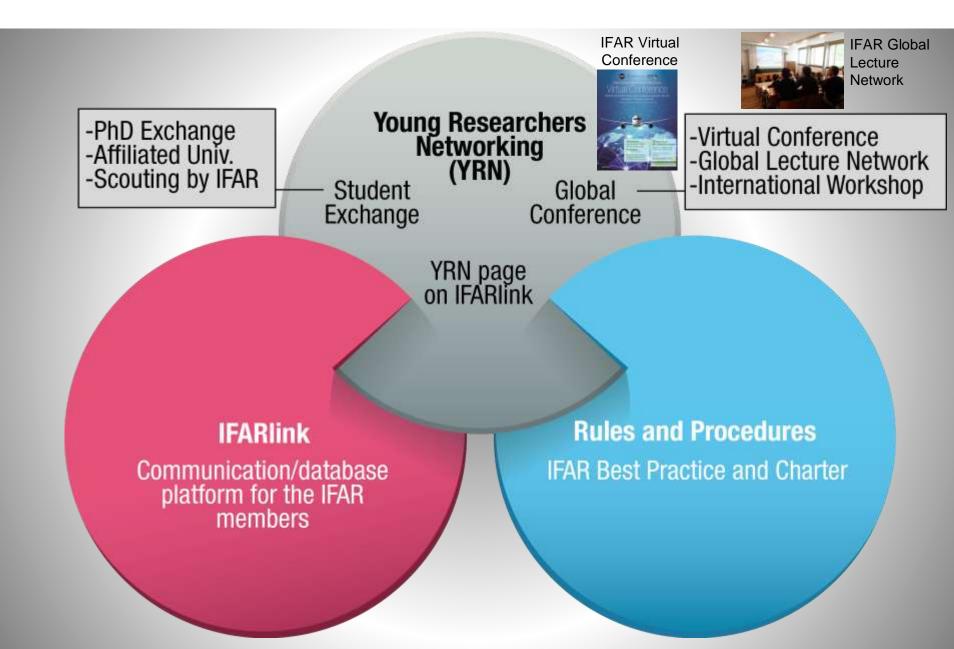
Weather

Reduce the adverse impacts of weather on air traffic management decisions and operations.

Noise

Improve management of operations at and around airports to improve efficiency and environmental impact (e.g. noise)

IFAR Administrative Activity



Alternative Aviation Fuels

Alternative fuel effects on Contrails and Cruise Emissions Flight Test





NASA Falcon Aircraft in Flight Behind DC-8 Aircraft

Future for International Collaboration

