

IFAR – International Forum for Aviation Research

Declaration

2011 Paris Summit

18 – 19 June 2011, Château de Méry, Méry-sur-Oise / Paris, France

IFAR is the new international platform of national aviation research organisations. It was created in Berlin in 2010 against the background of increasing challenges to Future Air Transport, e.g. in the context of climate impact, following an initiative of DLR with substantial international support.

At the invitation of ONERA, the Members of the International Forum for Aviation Research (IFAR) met for their second IFAR Summit from 18 to 19 June in Méry-sur-Oise, France.

The participants of this IFAR Summit decided on the following actions:

Initial endorsement of the IFAR Charter

- The IFAR Members discussed the new Charter for IFAR and agreed that IFAR should be a voluntary cooperative forum for exchange among aviation research organisations in view of the increasing demands to R&T on a global level and aims to support its Members in the implementation of their research aims. The primary purpose of IFAR is to connect research organisations worldwide, to enable the information exchange on aviation research activities between Members, to facilitate opportunities for networking and creating partnerships and to coordinate views and make recommendations for use by its Members. The focus of IFAR is on non-competitive research and development related to global challenges such as those pertaining to emissions, noise, security, safety and efficient operations, and steps to reduce the impact of aviation on climate and the environment. Against this background, IFAR aims at developing a regularly updated IFAR Framework Document outlining common global research objectives and technological opportunities for use by its Members. High-ranking representatives of IFAR Members will convene at the IFAR Summit meetings, which shall set the IFAR goals and activities for the coming years. IFAR Members aim to finalise the agreement on the IFAR Charter and to open the Charter for acceptance to IFAR Members within the next months.

Accession of new Members

- Five new aeronautical research organisations joined IFAR at the 2011 Summit. This increases the total number of organisations participating in IFAR to 21. These are in general the major national public funded aviation research organisations, which determine and/or implement aeronautical research in their respective countries in a decisive way.

Exchange of information and Development of a Framework Document

- The participants of the IFAR Summit 2011 presented their national visions and objectives for aeronautics. They agreed to derive a common vision and objectives relevant for IFAR.

- The participants exchanged also views on the global challenges and the technological solutions to the topics related to climate impact and noise. The results on climate were discussed based on the contributions by IFAR members since the last summit in 2010.
- IFAR expanded its framework programme to the topic noise with two key note presentations by NASA and ONERA. In view of its importance ONERA will lead further discussions of this topic.
- The first version of the common vision and goals, global technological challenges on climate impact and noise will be finished before the next summit and shall build the basis for the IFAR Framework.

Exchange on education and promotion

- Beyond scientific and technical activities the participants underlined the need in exchange on education and promotion of young scientists and engineers in order to benefit from competences and research capabilities of the IFAR members. The von Karman Institute will submit a proposal to the IFAR members within the next months.

Election of the Chair and Vice-Chair

- Prof. Joachim Szodruch, former Member of the Executive Board of the German Aerospace Center (DLR), and initiator of IFAR, was elected as IFAR chairman for a period of two years.
- Dr. Jaiwon Shin, Associate Administrator for Aeronautics of NASA, was elected as IFAR Vice chair. The Vice Chair serves as a chair-elect, and will therefore assume chairmanship at the 2013 Summit.

Holding the next IFAR Summit in 2012

- The next IFAR Summit will be held in 2012. It will treat the state of the IFAR framework programme, define related further research needs as well as propose further topic/topics for common scientific and technical debate in IFAR.
- IFAR will welcome nominations of new members from countries not represented yet.

The results of the 2011 Summit as well as further information on IFAR are available at <http://www.ifar.aero>.