

SHORT REPORT ICAS 2010

The ICAS 2010 Congress was held in Nice, France 19 – 24 September 2010. The French Association Aéronautique et Astronautique de France (3AF) acted as the host Society for ICAS.

The Congress was one of the more successful in the ICAS history and the number of registered participants was about 720 excluding accompanying persons.

The Call for Papers for the 27th Congress attracted over 720 submissions (10% up) from around 40 countries. In total about 440 papers were presented orally in 11 parallel session tracks together with a good number of poster presentations. The Final Programme contained about 575 papers (oral, standby and posters).

A number of very high quality invited General Lectures, listed below, were also presented.

The ICAS 2010 Proceedings (on CD Rom) containing 519 full papers can be purchased (120 EUR including postage) from the ICAS Secretariat secr.exec@icas.org

General Lectures

ICAS DANIEL & FLORENCE GUGGENHEIM MEMORIAL LECTURE:

M. Laroche, Safran, France:

IMPROVING ENGINE DEVELOPMENT THROUGH GLOBAL MODELING

Y. Barbaux, EADS, Germany & M. Ganz, The Boeing Company, United States:

AVIATION AND ENVIRONMENT

S. Chernychev, TsAGI, Russia:

PROGRESS IN RUSSIAN AVIATION - PROBLEMS AND SOLUTIONS

K. Zhao, COMAC, China:

THE ARJ21 REGIONAL JET PROGRAMME

ICAS HENRI FABRE LECTURE FOR INNOVATION IN AERONAUTICS:

J.-C. Hironde, Dassault, France:

INNOVATIVE SHAPE AND CONTROL CONFIGURATIONS

P. Hotham, SESAR JU, Belgium & M. Romanowski, FAA, United States:

FUTURE AIR TRAFFIC MANAGEMENT - SAFE AND EFFICIENT

VON KARMAN LECTURE:

J. Szodruch, Germany & F. Quentin, France:

ACARE – ADVISORY COUNCIL FOR AERONAUTICS IN EUROPE

These General Lectures will soon be made available on this Web-site.
They can also be requested by E-mail from the secretariat secr.exec@icas.org.

ICAS AWARDS 2010

ICAS - Daniel and Florence Guggenheim Award

The Distinguished Lectureship Award is intended to recognise and honour a scientist or engineer of eminence who in a long and productive career has made a significant contribution to progress in aeronautics.



Recipient: Michel Laroche, Safran, France

Citation: In recognition for a lifetime of outstanding contributions in air breathing and rocket propulsion technologies.

ICAS - Maurice Roy Medal

Its purpose is to honour persons of distinction who have an exceptional record in fostering international cooperation between scientists by their personal participation and involvement in aeronautics.



Recipient: Walter Kröll, Germany

Citation: In recognition for his tireless promotion of international cooperation within the aeronautics R&T community.

ICAS – Award for Innovation in Aeronautics

Its purpose is to recognize contributions of an individual or a team in effectively integrating a suite of advanced technologies, combined with new design and/or manufacturing processes, to create a new aeronautical system with significant worldwide impact.



Recipient: Jean-Claude Hironde, Dassault Aviation, France

Citation: For introduction of innovative flight control concepts in both military fighters and business jets.

ICAS – von Karman Award for International Cooperation in Aeronautics

Its purpose is to acknowledge exceptional achievement in international cooperation in the field of aeronautics, being awarded to a project or programme in which two or more countries are major participants and which is characterised by substantial technical achievement, scientific or technological advance or benefit to society.



Francois Quentin Joachim Szodruch
ACARE Co-chairmen

Recipient: ACARE

(Advisory Council for Aeronautics Research in Europe)

Citation: In recognition of creating a common and shared European view, combining public and private interests, into a strategic research agenda for European aeronautics R&T.

ICAS - John J. Green Award

Its purpose is to honour young persons of distinction who are demonstrating an exceptional record in fostering international cooperation between scientists by their personal participation and involvement in aeronautics.



Recipient: Eri Itoh, ENRI, Japan

Citation: In recognition for outstanding activities and intellectual performance in International Collaboration in the field of aeronautics and Air Traffic Management.

ICAS - John McCarthy Student Awards

The Award or Awards, consisting of a certificate and a stipend, will be given to the author (or authors, should there be more than one who satisfies the qualifying criteria) of the paper the quality of content and presentation of which is judged to be the best or second best of those presented at the Congress.

Recipients 2010:

Lauren Burns from Australia for the first Award

Takuma Hino from Japan for the second Award