

REPORT ICAS 2006

The ICAS 2006 Congress was held in Hamburg, Germany from 3 – 8 September 2006. The German Society for Aeronautics and Astronautics (DGLR) acted as the host Society for ICAS.

The Congress was one of the most successful in the ICAS history and the level of participation was higher than that of any previous Congress. The number of registered participants exceeded 800 excluding accompanying persons.

More than 660 abstracts for papers were considered in preparing the technical programme. The papers were presented in 10 parallel session tracks and ranged from more fundamental scientific topics, having promising aspects for the long term future, to problems of design and safety for the industry today.

The programme for this congress contained more sessions than usual on Systems and Subsystems as well as Air Traffic Management and Operations. More than 400 papers were presented, including a number of very high quality invited General Lectures, listed below.

General Lectures

Prof. G. Schänzer, TU Braunschweig, Germany:
DEVELOPMENT IN FLIGHT GUIDANCE AND CONTROL

A. Coutrot, VP Research & Technology, Safran Company, France:
KEY TECHNOLOGY ENABLERS FOR THE FUTURE OF AERONAUTICAL EQUIPMENT
INDUSTRY

M. Hamada, Mitsubishi Heavy Industries, Japan:
THE INTERNATIONAL DEVELOPMENT AND PRODUCTION OF THE F2-FIGHTER

Prof. E. Crawley, MIT, USA:
THE EDUCATION OF FUTURE AERONAUTICAL ENGINEERS: CONCEIVING, DESIGNING,
IMPLEMENTING AND OPERATING

Dr. R. H. Liebeck, Boeing, USA:
DESIGN OF THE BLENDED-WING-BODY SUBSONIC TRANSPORT

Dr. J. Hefner, ICAS President, USA:
DISTRIBUTED ON-DEMAND AIR TRANSPORTATION USING SMALL AIRPLANES AND
SMALL AND UNDERUTILIZED COMMUNITY AIRPORTS

C. Champion, Chief Operating Officer and Head A380 Programme, Airbus, FR:
THE A380 PROGRAMME

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 2006

The **ICAS Guggenheim Award** was given to **Prof. Guenter Schänzer** from Technical University, Braunschweig, Germany, who presented an invited general lecture - see above.

The **ICAS von Karman Award** was given, as usual, to a successful example of international cooperation - this year the **Airbus A380 Programme** - presented in a general lecture by Mr Charles Champion, Head of the A380 Programme.

The **ICAS Maurice Roy Medal**, awarded to a distinguished individual for outstanding contribution to international cooperation and understanding was bestowed to **Dr John E. Green** from United Kingdom.

The **ICAS Award for Innovation in Aeronautics** was established and given for the first time in 2006 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. The first award was given to **Dr Robert Liebeck** from USA.

The **ICAS John J. Green Award**, which is given to a young person who has demonstrated an exceptional record in fostering international cooperation, was awarded to **Dr Lluís Gimeno-Fabra** from EADS, Germany.

The **ICAS McCarthy Award**, which recognized the authors of the two most outstanding student papers presented at the Congress, went to **Ms Eri Itoh** from Japan for the first Award and to Mr **David Anisi** from Sweden for the second Award.

The ICAS 2006 Proceedings (on CD Rom) containing 486 full papers were available to the delegates on registration and can be purchased (120 Euro including postage) from the ICAS Secretariat c/o FOI, SE-16490 STOCKHOLM, Sweden (secr.exec@icas.org).