SHORT REPORT ICAS 2008

The ICAS 2008 Congress was held in Anchorage – Alaska, USA 14 – 19 September 2008. The American Institute for Aeronautics and Astronautics (AIAA) 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 exceeded 750 excluding accompanying persons.

The Call for Papers for the 26th Congress attracted over 650 submissions from around 40 countries. Furthermore the 8th AIAA Aviation, Technology, Integration, and Operations (ATIO) Conference was fully integrated with the ICAS 2008 programme and added about 120 papers. In total about 450 papers were presented orally in 11 parallel session tracks together with a good number of poster presentations. The Final Programme contained about 600 papers (oral, standby and posters).

The programme for this congress contained more sessions than usual on Air Traffic Management and Operations due to the integration of the ATIO conference. A number of very high quality invited General Lectures, listed below, were also presented.

The ICAS 2008 Proceedings (on CD Rom) containing 512 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:
Prof. E. H. Dowell, Duke Univ., USA
NONLINEAR AEROELASTICITY OF CURRENT AND FUTURE AEROSPACE VEHICLES

Prof. I. Waitz, MIT, USA
ENVIRONMENTAL IMPACT OF AVIATION: A REVIEW OF SELECTED US RESEARCH EFFORTS

Prof. D. Lee, Manchester Metropolitan Univ., UK
AVIATION CLIMATE IMPACT - A SUMMARY OF ONGOING EUROPEAN RESEARCH PROGRAMMES

Dr. J. Green, UK
ICAS - THE FIRST 50 YEARS

Mr. A. Rauen, CEO Eurofighter GmbH, Germany
EUROFIGHTER/TYPHOON PROGRAMME

ICAS JOHN SWIHART LECTURE FOR INNOVATION IN AERONAUTICS:
Prof. A. Starik, CIAM, Russia
INNOVATIONS IN COMBUSTION TECHNOLOGY FOR PROPULSION

Dr. N. Takeda, Tokyo Univ., Japan
RECENT DEVELOPMENT OF STRUCTURAL HEALTH MONITORING TECHNOLOGIES FOR AIRCRAFT COMPOSITE STRUCTURES

ICAS VON KARMAN LECTURE:
Mr. M. D. Jenks, VP Boeing Commercial Airplanes, The Boeing Company, USA
THE BOEING 787 DREAMLINER 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 2008

The ICAS Guggenheim Award was given to Prof. Earl H. Dowell from Duke University, USA, 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 Boeing 787 Dreamliner Programme - presented in a general lecture by Mr. Mark D. Jenks, VP Boeing Commercial Airplanes, The Boeing Company, USA.

The ICAS Maurice Roy Medal, awarded to a distinguished individual for outstanding contribution to international cooperation and understanding was bestowed to Dr. R. Curtis Graeber, The Boeing Company, USA.

The ICAS Award for Innovation in Aeronautics was presented to Prof. Alexander Starik, Central Institute for Aviation Motors, Russia, who presented an invited general lecture - see above.

The ICAS Distinguished Service Award was presented to Prof. Yasuhiko Aihara from Japan.

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 Mr. Hagen Helm from GE Aviation, UK.

The ICAS McCarthy Award, which recognized the authors of the two most outstanding student papers presented at the Congress, went to Mr. Alan Sutherland from South Africa for the first Award and to Ms. Susan Liscout-Hanke from France for the second Award.