

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.