

SHORT REPORT: ICAS 2012 Congress in Brisbane, Australia.

The ICAS 2012 Congress was held in Brisbane, Australia from September 23rd to 28th, 2012. The Australian Division of the Royal Aeronautical Society acted as the host Society for ICAS.

Concerning the participation this Congress was the most successful in the ICAS history and the number of registered participants was more than 740 excluding accompanying persons.

The Call for Papers for the 28th Congress attracted almost 900 submissions from around 40 countries. In total 466 papers were presented orally in up to 12 parallel session tracks together with a good number of poster presentations. The Final Programme contained as many as 544 papers (oral, standby and posters).

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

A CD-ROM containing all 544 full papers can be purchased at the ICAS Secretariat for 120 EUR including postage here: icas@icas.org.

General Lectures

ICAS DANIEL & FLORENCE GUGGENHEIM MEMORIAL LECTURE:

B. Schofield, Australia

COLLABORATION CHALLENGES IN THE GLOBAL AEROSPACE MARKET FOR SMALLER COUNTRIES - AN AUSTRALIAN PERSPECTIVE

G. Bibel, University of North Dakota, USA

BEYOND THE BLACK BOX: THE FORENSICS OF AIRPLANE CRASHES

ICAS "LAWRENCE HARGRAVE" LECTURE FOR INNOVATION IN AERONAUTICS:

T. Ishikawa, JAXA, Japan

LESSONS LEARNED IN FULL COMPOSITE AERO-STRUCTURES DEVELOPMENT IN JAPAN

G. Schuhmacher, Cassidian Air Systems, Germany

MULTIDISCIPLINARY AIRFRAME DESIGN OPTIMIZATION

F. Kafyeke, Bombardier, Canada

BOMBARDIER C-SERIES AIRCRAFT DEVELOPMENT

U. Schumann, DLR, Germany

VOLCANIC, WEATHER AND CLIMATE EFFECTS ON AIR TRANSPORT

A. Tupper, Bureau of Meteorology, Australia

MANAGING DIFFUSE ERUPTION CLOUDS - THE EXPERIENCES OF 2010-11, AND THE RESULTS OF THE INTERNATIONAL VOLCANIC ASH TASK FORCE

K. Bowcutt, The Boeing Company, USA; D. J. Dolvin, WPAFB, USA; A. Paull, DSTO, Australia; M. Smart, Univ. of Queensland, Australia

HIFIRE: AN INTERNATIONAL COLLABORATION TO ADVANCE THE SCIENCE AND TECHNOLOGY OF HYPERSONIC FLIGHT