Posters

Poster Number	Author	Paper Title
1	Mengmeng Liu	The Method for Importance Analysis of Failure Mode Based on EDA
3	Long Shi	Design and Implement for Servo Control System in Unmanned Small-scale Helicopter
4	Jae-Sung Bae	Vibration Suppression of a Cantilever Beam Using Magnetically Tuned-Mass-Damper
5	Jae Soo Kim	Unsteady Flow Analysis around a Transversely Oscillating Circular Cylinder using High Order Compact Scheme
6	Kazuhiko Kurashina	Improvement on Mechanical Performance of Light-weight and Higher-strength Honeycomb Sandwich Panels for Space Utilization
7	Baotong Dong	Construction and Application of Digital Platform Concerning Maintainability Evaluation of the Military Aircraft
8	Li Li	Experience with Structured and Unstructured Solvers for the HiCFD Test Cases
9	Jae Su Kwak	Heat Transfer Augmentation by Rib-Dimple Compound Cooling Technique
10	Hirohisa Kojima	Development of Miniature Experimental Setup for Emulating Aerial Towed Tether System Motion
11	Indukuri Sumanth Varma	Noise Suppression and Thrust Increase Propulsion Methods
13	Wang Qin	The Influence of Frequency Characteristic of Inlet Dynamic Distortion Flow Field on Engine Stability Margin
14	Bing Yu	Process Parameters Optimization of EDM Gas Holes on High Pressure Turbine Blades
15	Kent Rosser	Modelling and System Identification of Three Research UAVs
16	Indukuri Sumanth Varma	Gas Turbine Aero Engine (A320 Engine V2500) Construction and Operation
17	Petcharin Charoenrat	Optimization of Maintenance Overhaul Intervals for CF6-80C2 Engines in Airlines
18	Ernani Araújo	The Use of Stainless Steel in the Fuselage Structures of Aircrafts

The poster presentations will be available for viewing on Wednesday 2 March 2011 in Level 1 Foyer.

The presenters will be available during morning tea 1000-1030, and afternoon tea 1515-1545 to answer questions from Congress delegates.

KEY AERO Papers HUMS Papers APISAT Papers

The Lawrence Hargrave Award

Australian Aviation's Most Prestigious Honour

The RAeS has a tradition of honouring the aerospace industry's most outstanding achievements. In this tradition the Lawrence Hargrave Award is made biennially by the Australian Division of the Society. This will be the seventh occasion. The award consisting of a medal and certificate recognises achievement from all levels and disciplines of aerospace within Australia. It honours the work of Lawrence Hargrave, in Australia, in the late 19th Century, his influence on European aviators of the day and eventually his influence on the Wright Brothers leading to their successful introduction of powered flight in 1903.

Any Australian working in, or retired from, a discipline involved in the support of air and space flight in Australia is eligible for nomination. Current residence in Australia is not necessary. The award can recognise individuals at any stage in their career. Nominations may be proposed by any person - not necessarily a member of the Society.

The Lawrence Hargrave Award will be presented at the Congress Dinner on Tuesday 1 March 2011.