

The RAeS 2021 Written Paper Prizes

The Royal Aeronautical Society has been honouring outstanding achievers in the global aerospace industry since 1909 when Wilbur and Orville Wright came to London to receive the Society's first Gold Medal. In the years that have followed, honouring world aerospace achievers has become a permanent tradition of the Society. Included among these awards are the written paper prizes.

The Royal Aeronautical Society Written Paper Prizes are awarded annually for the best papers published in *The Aeronautical Journal* by the Society during the previous calendar year. Awards can be conferred at Gold, Silver or Bronze level. A new prize for the best paper to appear in the *Journal of Aeronautical History* has recently been added. The Written Paper Prizes are presented following the approval of the Council of the Royal Aeronautical Society on the basis of recommendations from the RAeS Medals & Awards Committee, supported by the Editor-in-Chief of *The Aeronautical Journal*. The Society recognises the achievements, innovation and excellence of both individual and multiple authors.

As ever, the nominations received for the 2021 Awards were highly competitive and on behalf of the RAeS Council, the Medals and Awards Committee are very pleased to announce the winners as:

The 2021 Silver Written Paper Prize

Awarded to: **A. Filippone, B. Parkes, N. Bojdo and T. Kelly**

Prediction of aircraft engine emissions using ADS-B flight data

The Aeronautical Journal, Volume 125, Issue 1288, June 2021, pp 988–1012

The 2021 Bronze Written Paper Prize

Awarded to: **J. Huete, D. Nalianda and P. Pilidis**

Propulsion system integration for a first-generation hydrogen civil airliner?.

The Aeronautical Journal, Volume 125, Issue 1291, The 25th ISABE Conference special issue – Part I, September 2021, pp 1654–1665

Awarded to: **J.D. Hoyos and J.P. Alvarado**

Propeller aerodynamic optimisation to minimise energy consumption for electric fixed-wing aircraft

The Aeronautical Journal, Volume 125, Issue 1292, October 2021, pp 1844–1870

The 2021 Young Persons' Written Paper Prize

Awarded to: **J. Hoole**

Landing Gear Ground Statistics from Automatic Dependent Surveillance-Broadcast Transponder Data

The Aeronautical Journal, Volume 125, Issue 1293, November 2021, pp 1942–1976

Journal of Aeronautical History Written Paper Prize

Awarded to: **S C Liddle**

Pearcey, Newby, and the Vulcan

www.aerosociety.com/publications/jah-pearcey-newby-and-the-vulcan/ July 2021