pp 2034–2035. © Royal Aeronautical Society 2019
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The RAeS 2018 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.

The nominations received for the 2018 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 2018 Gold Written Paper Prize

Awarded to **E.P. Krupa, J.E. Cooper, A. Pirrera and R. Nangia**
Improved aerostructural performance via aeroservoelastic tailoring of a composite wing
The Aeronautical Journal, Volume 122, Issue 1255, September 2018, pp 1442–1474

The 2018 Silver Written Paper Prize

Awarded to **M.E.J. Stettler, G.S. Koudis, S.J. Hu, A. Majumdar and W.Y. Ochieng**
The impact of single engine taxiing on aircraft fuel consumption and pollutant emissions
The Aeronautical Journal, Volume 122, Issue 125, December 2018, pp 1967–1984

Awarded to **I. Goulos, J. Otter, T. Stankowski, D. Macmanus, N. Grech, C. Sheaf**
Design optimisation of separate-jet exhausts for the next generation of civil aero-engines
The Aeronautical Journal, Volume 122, Issue 1256, October 2018, pp 1586–1605

The 2018 Bronze Written Paper Prize

Awarded to **W. Chen, J. Zhang and J. Li**
Intelligent decision making with birdstrike risk assessment for airport bird repellent
The Aeronautical Journal, Volume 122, Issue 1252, June 2018, pp 988–1002

https://doi.org/10.1017/aer.2019.139 Published online by Cambridge University Press

Awarded to **H. Liu, B.G. Falzon, G. Catalanotti and W. Tan**
An experimental method to determine the intralaminar fracture toughness of high-strength carbon-fibre reinforced composite aerostructures
The Aeronautical Journal, Volume 122, Issue 1255, September 2018, pp 1352–1370

Awarded to **O. McAree, J.M. Aitken and S.M. Veres**
Quantifying situation awareness for small unmanned aircraft: Towards routine Beyond Visual Line of Sight operations
The Aeronautical Journal, Volume 122, Issue 1251, May 2018, pp 733–746

The 2018 Young Persons' Written Paper Prize

Awarded to **E.P. Krupa**
Improved aerostructural performance via aeroservoelastic tailoring of a composite wing
The Aeronautical Journal, Volume 122, Issue 1255, September 2018, pp 1442–1474

Journal of Aeronautical History Written Paper Prize

Awarded to **J.A.D. Ackroyd**
Aerodynamics as the basis of aviation: how well did it do?
The Journal of Aeronautical History, www.aerosociety.com/publications/jah-aerodynamics-as-the-basis-of-aviation-how-well-did-it-do

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