

Workshop on Advanced Wing Design, 10-14 July 2017



Group discussion

Twelve researchers from the University of Bristol recently spent a week at Cranfield University working with researchers from Cranfield, Airbus engineers and academic staff, to develop novel aircraft wing designs.

The workshop was part of the Aerospace Technology Institute funded, Airbus led, Agile Wing Integration (AWI) project which is investigating aerodynamic and fuel efficient wing configurations. Researchers had the opportunity to integrate their individual studies into a design framework, and also to fly their designs on a flight simulator. The week was a great success and there are plans to run a similar workshop, building upon lessons learnt, in the New Year.

AWI is a £15m project coordinated by Airbus of which the University of Bristol component is £2.4m led by Profs Jonathan Cooper, Mark Lowenberg and Simon Neild from the Queens School of Engineering.



Aircraft modelling