

**Our students won third prize in
the national University Aircraft Design and Handling competition 2008**



Our team with the Chairman of the Royal Aeronautical Society

On Friday 13th June four third year design group students from the School took part in the national University Aircraft Design and Handling competition.

The competition was held in the prestigious and historical surroundings of the Royal Aeronautical Society premises in London and is organised by RAeS and Merlin Simulation Group. David Golding, Flight Simulator Technician and the students travelled down overnight on Thursday 12th returning late on Friday 13th to Manchester.

Our students won third prize (a cash prize shared amongst the students); first and second place went to Swansea University and Salford University. The event involves the design and subsequent handling of an aircraft and although students provide flight details for the simulation pilot for the competition they are also required to display their design process.

This is the 'official' entry for the Manchester team:-

'A UAV for air to air refuelling of UAVs. As more and more UCAV are being used a particular issue has been raised recently in connection with expeditionary logistics and the platforms, systems and equipment that will be acquired for future operations. One such issue is associated with strategic mobility which is concerned with the re-supply requirements for dispersed operations, possibly in remote and inaccessible regions.

The vehicle designed is the Auftanken Mark 2, an air to air refuelling UAV which can refuel up to ten predator UAVs and incorporates Stealth capability using a low-observable geometry.'

The students involved were – Bodrul Islam, Katherine Lazell, Mohammed Tayyab and Susanna Fragoso.

Congratulations to our four students for taking part and doing so well and a huge thanks to David Golding for his participation and support.