

THE UNIVERSITIES UNMANNED AIRCRAFT SYSTEMS (UAS) CHALLENGE

PARTNER AND SPONSOR INFORMATION

WHAT IS THE UNIVERSITIES UAS CHALLENGE?

This competition will engage University Undergraduate teams in the design, construction, development and demonstration of an Autonomous Unmanned Aircraft System (UAS). With a Maximum Takeoff weight (MTOW) limit of 7kgs, the UAS will be required to undertake a representative humanitarian aid mission. The system will be designed to operate autonomously, performing a series of tasks such as area search, navigating waypoints, accurately dropping a payload and returning to base via a defined route.

The competition will be held over the duration of an academic year, commencing September 2014, with the flight demonstration being held at a suitable venue in June 2015. This period will be structured into design, development and demonstration phases, with a Design Review presentation contributing to the scoring, as well as the flying demonstration.

Teams will be put forward by each University, and will constitute members drawn from undergraduate cohorts in any year of study. A pair of Universities may form an alliance to enter a joint team. Some specialist industry support is to be allowed where specific skills and knowledge are required outside the scope of the undergraduate students.

HOW YOU CAN GET INVOLVED

There are three levels of coverage available to take part in the Universities UAS Challenge – as a **Founding Partner**, **Gold Sponsor** or **Exhibitor**. They offer different levels of exposure and involvement in the programme.

If you sign up before 30 April 2014, there will also be the opportunity for your company to have branding at the launch event at Wroughton Air Field on the 11 and 12 June 2014.

FOUNDING PARTNER

PRICE ON APPLICATION

NB The duration of the 2014/15 competition is 1 September 2014 to 31 August 2015.

- Opportunity for your company name to appear as part of the title of the event, i.e. 'The BAE UAS Challenge'
- Your company logo will appear on the website ([UAS WEBSITE ADDRESS](#)) and all other relevant collateral for the duration of the 2014/15 Competition, including post event publications
- Your company logo will prominently feature on the front of the event brochure given out during the competition weekend in 2015
- One-page advert in the event brochure given out during the competition weekend in 2015
- Your logo featured on event passes
- Brand exposure through our national marketing/PR campaign – printed material, online/digital activity, adverts, events, newsletters etc
- Exhibition space provided during the UAS Challenge Event. Size to be determined with IMechE staff (set-up and dismantle dates tbc). Work with IMechE staff to create a unique exhibition area
- Ten (10) complimentary places at the UAS competition event
- Better enable your staff to be kept up to date with industry best practice
- Complimentary invitations to key seminars, lectures and company visits to relevant aerospace companies
- Unique interaction with high performing graduate engineers from the entrant teams
- Opportunity to sponsor UAS Challenge collateral such as lanyards, bags and wristbands at discounted rates
- Opportunities for targeted networking, including hosting bespoke events for students
- Only one company will be permitted to become a Founding Partner of the UAS Challenge, offering complete exclusivity at this level.

GOLD SPONSOR

PRICE ON APPLICATION

- One 4x2 metre exhibition stand during the UAS Challenge weekend in June 2015
- Five (5) complimentary tickets to the UAS Challenge for the duration of the weekend, to include someone to oversee the stand at all times
- Opportunity to sponsor UAS Challenge collateral such as lanyards, bags and wristbands
- Your company logo will appear on the website (UAS Challenge website) and all other relevant collateral for the duration of the 2014/15 Competition, including post event publications
- Your company logo will appear on the front of the event brochure given out during the competition weekend
- One-page advert in the event brochure given out during the competition weekend
- Better enable your staff to be kept up to date with industry best practice
- Complimentary invitations to key seminars, lectures and company visits to previous UAS Challenge winners
- Unique interaction with director level representatives from UAS Challenge entrants.

EXHIBITOR

PRICE ON APPLICATION

- One 4x2 metre exhibition stand during the UAS Challenge weekend in June 2015
- Two (2) complimentary tickets to the UAS Challenge for the duration of the weekend, to include someone to oversee the stand at all times.
- Your company logo will appear on the website ([UAS Challenge website](#))
- Your company logo will appear on the front of the event brochure given out during the competition weekend in 2015
- Opportunity to sponsor UAS Challenge collateral such as lanyards, bags and wristbands.

WHO WILL YOU MEET VIA THE UAS CHALLENGE?

The Challenge is open to teams from any UK University with an aerospace engineering department. Universities already interested in participating are:

- Bath

In all cases entry to the UAS Challenge is supported by a senior member from the university, usually a Head of Department.



BACKGROUND TO THE INSTITUTION OF MECHANICAL ENGINEERS

The Institution of Mechanical Engineers (IMechE) was founded in 1847 and has gone on to become one of the worlds leading professional membership associations. With over 104,000 individual members, the IMechE is the fastest growing professional engineering institution in the UK.

Our members are professionally qualified engineers, managers, directors and graduates. They include consultants and technical experts in a wide range of industry sectors including: Aerospace, Automotive, Construction, Energy, Manufacturing and Medical.