

UNIVERSITIES UNMANNED AIRCRAFT SYSTEMS (UAS) CHALLENGE

7-9 JUNE 2015
WROUGHTON AIRFIELD
www.imeche.org/uaschallenge

- **Design, build and test-fly an autonomous UAS to meet a specific scenario and mission.**
e.g. A UAS that could provide rapid and assured humanitarian aid to inaccessible/dangerous locations.
- **A premier annual competition that will be undertaken initially by UK university teams.**
Aim to expand challenge to European universities, then possible international (e.g. India/US).
- **Challenge backed by leading Engineering Institutions.**
- **Aim of challenge:**
 - A fun and rewarding opportunity for students to design, build and fly an autonomous UAS.
 - Expose students to design and certification requirements and processes used by aerospace industry.
 - Meets academic rigour required for undergraduate student studies/projects.
 - Provide industry with access to a body of highly motivated and intelligent student.
- **Challenge held at a suitable aerodrome over a 2-day period:**
 - Day 1: Team presentations on design, Safety Case and business opportunities of proposed UAS.
 - Day 2: Flying competition.



KEY DATES

- **APRIL 2014** Team signup
- **JUNE 2014** EXPO event
- **SEPT 2014** Competition start
- **JUNE 2015** Fly off

If you would like to field a team for the 2015 challenge, or have a sponsorship enquiry, please get in touch with **Rachel Pearson** on **+44 (0)20 7304 6867** or email r_pearson@imeche.org