

UPHOLDING THE FUTURE OF AEROSPACE ENGINEERING.

Institution of
**MECHANICAL
ENGINEERS**



Improving the world through engineering

CONNECT WITH AMBITIOUS AND ASPIRING YOUNG ENGINEERS

“ ”

The UAS Challenge develops business and technical skills in participants that we would like to see in new entrants to our company. The airfield facilities we have provided for the competition with Snowdonia Aerospace Centre are purpose-built for this type of flying activity and we are keen to see as many people as possible benefit from its use.

Phil Briggs
UAS Lead Engineer, QinetiQ



Grand Champions 2018
Team Hedef, ITU with Platinum
Sponsor Rep Bill Biggs &
Head Judge Alistair Cowin

UAS CHALLENGE

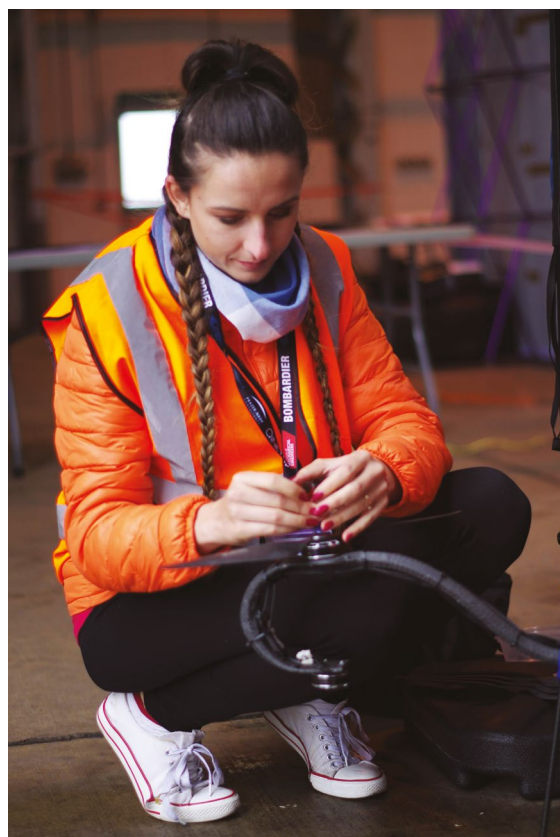
The Unmanned Aircraft Systems (UAS) Challenge launched in 2014 and is a leading student competition in the aerospace sector. This is a remarkable opportunity for industry leaders, to join hands with us to support and uphold the future of young, aspiring graduates by enabling them to gain industry experience, practical skills and enhanced business and people skills.

Teams of undergraduate and taught postgraduate students from national and international universities compete in a final three day 'fly-off' event in UK, to be judged winner(s) of 11 coveted awards. Competing teams are required to undertake a full design and build cycle of a UAS with specific humanitarian, aid-related mission objectives. The Challenge is set as an academic yearlong project with phased stages of completion that require strict adherence and assessment in order to qualify.

The focus on safety and technical competence throughout the competition is a very high priority and the steering group comprises of expert professionals in aerospace engineering and flight safety, many of whom are senior staff at leading organisations in the aerospace and defence sectors.

Competition Timeline

Registration	08 October 2018
PDR	07 January 2019
CDR	08 April 2019
FRR Interview	10 June 2019
Fly Off Event	16 – 18 June 2019



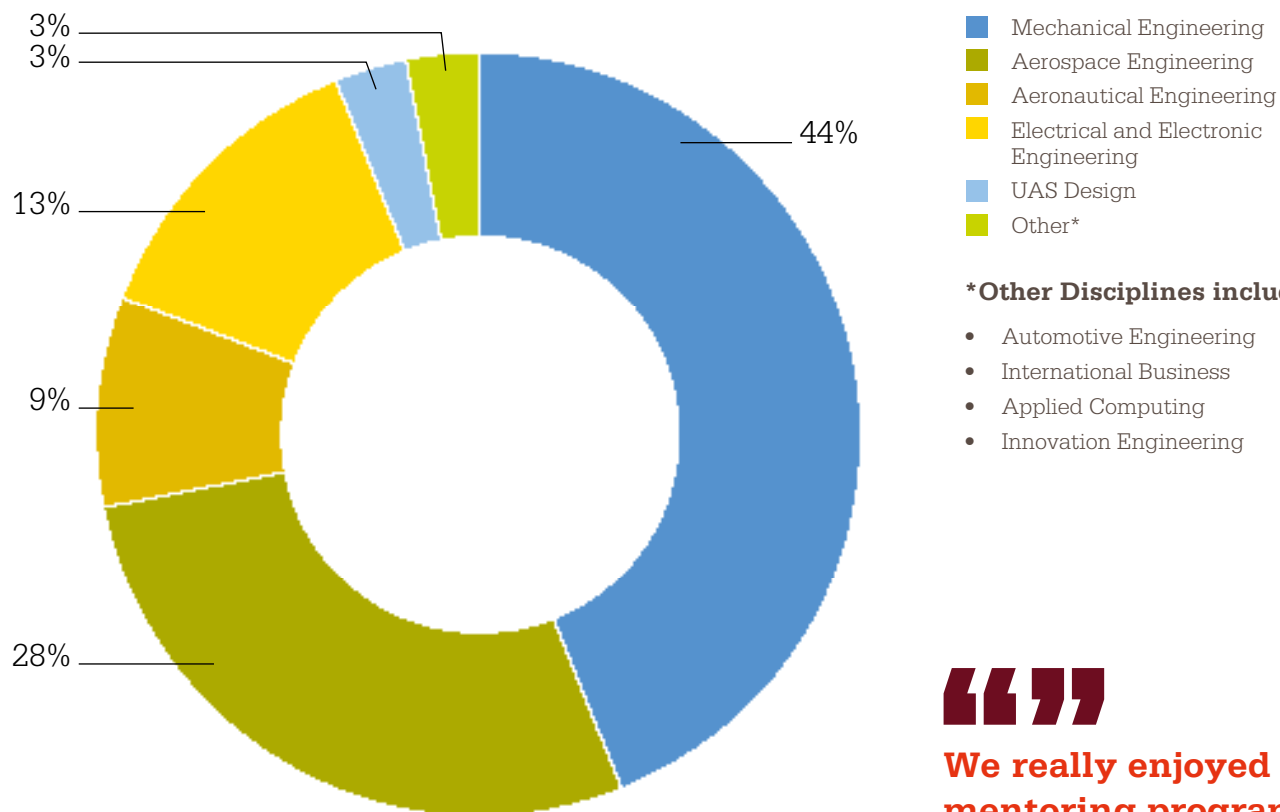
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The UAS Challenge was an excellent opportunity to apply my degree to a real problem. I gained a great deal of technical knowledge, and found out to be the main topic of discussion during my job interviews. It was an invaluable opportunity to work on and manage a genuine engineering project for which I am grateful.

Participant 2018

PARTICIPANT PROFILE

UAS Challenge 2018



“““

We really enjoyed the mentoring programme. The team clearly incorporated feedback into their design and report. It allowed ourselves to gain a better understanding of project management and provided an insight into managing a team with no prior industrial engineering knowledge.

Bombardier Aerospace



STEM OUTREACH PROGRAMME



2018 saw the launch of a UAS Challenge STEM outreach programme where local school children aged 9-14 were invited to attend the fly-off event. This was a special feature introduced as part of the Institution's aim to support STEM education and in recognition of 2018 being the UK's **"Year of Engineering"**, a government sponsored campaign to encourage more young people to choose engineering as a career. Sixty school children from two local schools were present at the UAS Challenge STEM Day. They had the opportunity to see a number of aircrafts, meet competing teams, watch the fly-off event and engage in STEM related activities conducted by IMechE STEM Ambassadors.

The 2018 STEM outreach programme was a great success and as a result will continue in 2019.

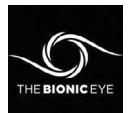


Previous Sponsors and Partners:

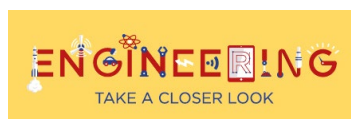
QINETIQ



BOMBARDIER



WORKING IN COLLABORATION WITH



THE LARGEST EUROPEAN STUDENT COMPETITION IN THE AEROSPACE SECTOR

Join us to support the future of young engineers and

BUILD brand-awareness.

ENGAGE with talented undergraduate and graduate engineers.

CONTRIBUTE to your CSR initiatives by inspiring and supporting the next generation of engineers.

DRIVE your STEM engagement to help develop the engineering profession.

SHOWCASE your products and demonstrate your leadership to participating teams, judges, university representatives and spectators at the final event in June.

MENTOR a group of teams to engage early within the process.



Participation as a sponsor allowed us to share our engineering experience and values to help develop the next generation of aerospace engineers. Our engineers were also part of the judges' panel throughout the competition to critically assess teams design reviews and provide constructive feedback, from their years of product development and certification experience. 2018 produced some really innovative, interesting aircraft and excellent young engineers. We are looking forward to the 2019 edition.

Stephen Phillips
Staff Engineer, Bombardier Aerospace

Be the driving force behind innovation and engage with

500,000

**Social Media
followers**

120,000

IMechE Members

300

Attendees

Focussed and engaged
enthusiasts, professionals and
participants at the event.

250

Students

Connect and recruit from a
pool of highly skilled graduates.

50+

Industry

leaders and subject experts.

5

Days

Host winning team at
corporate offices.

We will tailor a bespoke package to best suit your specific objectives and budget.

Please find a sample of opportunities that are on offer.

	Gold	Silver	Bronze	Exhibitor
Presented as Sponsor of the 2019 UAS challenge upon launch	✓	✓	✓	
Sponsor logo on all IMechE marketing collateral	✓	✓	✓	
Social media pre, on site and post challenge	✓	✓		
Stated as sponsor (appropriate to level) on all 3rd party media coverage across the challenge campaign	✓	✓		
Mentions in pre and post challenge coverage on IMechE e-newsletters	✓	✓		
Place your ad in the event handbook (appropriate to sponsorship level)	✓	✓		
Drive your STEM engagement and get involved in our STEM outreach programme with schools	✓			
Exclusive opportunity to attend team social evening at the final	✓			
Plenary session at the final (attended by all delegates)	✓			
Onsite recruitment workshops (attendees invited to attend)	✓			
Inclusion in the judging panel of the teams business case studies	✓	✓		
Present winning team with a category award – including a speaking slot	✓			
Exhibition stand at final	✓	✓	✓	✓
Banners displayed in prominent positions at the event (appropriate to sponsorship level)	✓	✓		
Post event dedicated email communication to participating teams	✓			
Survey opportunities to attendees – add questions pertinent to your industry into the post event dedicated email communication to participating teams	✓			
Mentoring/buddy programme for teams	✓	✓	✓	
Host winning team at corporate office	✓			

Contact us today to find out how you can get involved:

Sandra Balthazaar

S_Balthazaar@imeche.org

020 7304 6867

Kristina Virkolich

K_Virkolich@imeche.org

020 7973 1276

Join the conversation!
#imecheuaschallenge



**Institution of
Mechanical Engineers**

1 Birdcage Walk
Westminster
London SW1H 9JJ

T +44 (0)20 7973 1276

E uaschallenge@imeche.org

www.imeche.org