

An update

Annual General and General Management Board meetings held in November

At the Annual General Meeting of The Trust held at Cranfield University on 4th November, Professor Mark Kibblewhite, President of The Institution was welcomed as a full trustee and member of The Board.

At the General Management meeting held later the same day, The Board of Trustees:

- Reviewed the administration and financial position relevant to The Trust;
- Agreed to support five applications for funding for a range of research activities;
- Reviewed the progress of research projects and other activities that are funded by The Trust.

Studentships and Prizes

STUDENTSHIPS

Applications for studentships for the 2014/15 academic year are currently being processed.

A total of 17 applications were received from students from Harper Adams University and shortlisted candidates attended interviews at the University held on 19th November.

PRIZES

Very many congratulations go to James Phillips who received The Douglas Bomford Trust Award that is given annually to the best FdSc Agricultural Engineering student at Harper Adams University.

James, 21, from Haverfordwest, Pembrokeshire, spent his industrial placement year working for Claas UK and his



final year project investigated how the design of air filters and their maintenance affects the performance of diesel engines.

James is following in his brother Tom's footsteps - Tom received the same Douglas Bomford Trust prize in 2011 and the family are now very proud to have two prize winning sons. James has now returned to the University for a further year to top up his degree to BSc(Hons).

Engineering scholarships and bursaries supported by The Trust

ROYAL ACADEMY OF ENGINEERING - UNDERGRADUATE RESEARCH BURSARY IN AGRICULTURAL ENGINEERING.

This bursary was awarded by The Royal Academy of Engineering to James Throup who is studying Mechanical Engineering at the University of Bristol.

His research project entitled 'A feasibility study into using nano quadcopters to test the possibility of pollination as well as inspection of plant matter' involved investigating the flight dynamics of the 'Crazeflie' nano quadcopter near plant material.

The effect of flying the quadcopter close to plants was measured and the interaction between the quadcopter and the plant was studied using Optitrack Motive software and reflective tracking balls (see picture).



ARKWRIGHT ENGINEERING SCHOLARSHIPS



Arkwright Scholars Oliver Rees (left) and Mark Holliday (right) receiving their awards with Paul Miller, Secretary of The DBT

These scholarships are for those starting out on A-Level courses at school and aim at stimulating interest in engineering as a career.

Sponsored students get a financial award and opportunities to be involved with engineering activities via The Arkwright Trust and sponsors. Students are selected by The Arkwright scheme using written examinations and interviews and selected students are then allocated to a sponsor.

The Douglas Bomford Trust is working with two students, Mark Holliday and Oliver Rees both of who have an interest in agricultural engineering.

They were presented with their awards at a prestigious awards ceremony held at The Mermaid Conference facility in London and will be involved with The Douglas Bomford Trust over the two years of their A-level course.