

## STEM Fair Press Release – STEM Fair 14<sup>th</sup> and 15<sup>th</sup> June

We have a really exciting STEM Fair this year with over 1000 pupils attending over the two days- 33 different schools, 60 different workshops and 225 STEM Ambassadors – who are university and Industry staff Scientists, Technologists, Engineers, Computer Scientists and Mathematicians.

The event is hosted by IWM Duxford and organised by STEM Team East. There are 60 different workshops which are provided by STEM Team East and 46 different organisations of which 41 are local STEM Companies. There is an amazing breadth of STEM Enrichment on offer and both days are about the great opportunity for learning beyond the curriculum. Workshops range from the Science of Butterflies to Off- shore Engineering. We are particularly pleased to have a Coding Corridor to help create the new generation of digital smart students to support the growing, technology led world we live in and a Graphene workshop to inspire students about the possibilities of this new, revolutionary material that will reshape many industries.

An important part of this event - which makes it so unique - is the chance for every pupil to do two high quality STEM workshops, each lead by at least two STEM professionals. The Scientists, Technologists, Engineers and Mathematician of today from local employers- small, large and multinational companies, research Institutes and universities. This is a tremendous opportunity for the regions pupils to be inspired by this inspiring group that make up the STEM Ambassadors and the companies and university staff who are so generous of their time and expertise.

### **We are grateful to the following organisations for supporting us and providing the workshops**

AstraZeneca, MedImmune, Addenbrookes Hospital, Anglia Ruskin University, Anothermouse Ltd, Babraham Institute, Cambridge Centre for Computing History, Cambridge Regional College, Qualcomm, Dow Agro Sciences Ltd, EWB- Engineers Without Borders, Frontier, Glaxo Smith Kline, Airlander Hybrid Air Vehicles, Lockheed Martin, Marshall Aerospace and Defence Group, Napp Pharmaceuticals, NHS, The Ogden Trust, Royal Society of Chemistry, THREEDY 3D Printer, STRobotics, The Royal Air Force, The Royal Navy, TWI, Cambridge Science Centre, Cambridge University, Softcogs Ltd, Jide Ltd, GPIO Support Services, Table Flip Games, Code Club, Raspberry Pi Foundation, Milton Contact, IWM Duxford, Cranfield University, Lowbots, Cambridge Rotarians, British Science Association, Belair Research Ltd, JDR Cables Ltd, Structural Engineers Cambridge, Medical Research Council Biostatistics Unit, Unipart Autoparts, Jaguar Landrover, Institute of Acoustics, Cambridge Design Partnership, E-Luminate.

### **About the Day**

STEM Team Duxford is an enrichment day of **Science, Technology, Engineering and Mathematics** presented as a hands-on Activity Fair. The event runs for two days – on the 14th June is Young Investigators Day for yr 3- 8, KS2 and 3 (i.e. pupils aged 7 yrs old to age 13yrs old). On the 15<sup>th</sup> June is Secondary – STEM Careers Day which is aimed at KS3 and KS4 and KS5 students (age 11 yrs – 18 yrs).

The Aim of **Young Investigators Day** is to provide a stimulating day of exciting STEM activities, some which could then be taken into schools and others which use equipment schools do not have access to, thereby being enhancement and enrichment opportunities. **Secondary Day** supports **Work Related Learning** and offers **Information, Advice and Guidance** on STEM Careers as well as the exciting and challenging workshops which are pitched to relate to the level of study in school.



The activities are provided by STEM Team East and the above listed organisations and every student will have the chance to do two workshops, each lasting over one hour. Students will learn from topics across the STEM spectrum and gain valuable career advice .

