

Welcome to the Industrial Trust Newsletter

Airbus in the UK's Partnership with the Industrial Trust Flies

Is it a bird? Is it an Airbus A380? No it's the Industrial Trust's Mark Tinsley on his Yamaha XVS650 cruiser!

As the Industrial Trust's Area Manager in the South West, Mark is the Trust colleague responsible for delivery of the partnership with Airbus in the UK at the Filton operation in Bristol.

The partnership, which will run initially throughout the 2009 calendar year, has been designed to help Airbus in the UK:



- **Provide schools with a programme geared to increase pupils' interest in and understanding of science and engineering related subjects**
- **Offer Work Experience opportunities so students can get experience in a work environment**

Within the Partnership, Mark will be working with schools local to Airbus in Filton to provide the following programmes:

- **In-company educational experiences**
- **In-company workshops for Science, Engineering and Mathematics teachers**
- **Weeklong work experience programmes**
- **After school engineering clubs**

Like the Yamaha XVS650, the partnership is in very good hands. Mark joined the Trust in 2006 following a successful career as a designer, and later as a Further Education College Senior Manager in the UK and the Far East.

Mark talks about his passion for working with young people to improve their life chances, saying *"I left school at 15 with no qualifications, and not surprisingly found the real world tough. As a result, I have studied throughout my working life, successfully achieving various Design Qualifications, including a Post Graduate Design Qualification. This learning process has not stopped, and my most recent success is a Masters of Business Administration. My message to students on Trust experiences is simple-if you want to, you can do it!"*



"This is a wonderful opportunity for the Industrial Trust to help one of our long term partners provide a well thought out programme of support to education in a way that is efficient for the company and highly beneficial to the teachers and students" said John Gibbs Newton Chief Executive of the Industrial Trust

Executive Announcement

Chief Executive of the Industrial Trust, John Gibbs-Newton, is delighted to announce the following changes to his Executive team. Dr. Kevin Stenson, former Director of the Trust, has recently been appointed as Deputy Chief Executive and takes over from former Deputy, Stuart Bishell who will remain on the Executive team, focusing on account management and fund raising. Stuart, who has been with the Trust since its first educational visits in 1999, has been instrumental in its success over the years and leaves, as Kevin put it *"very big shoes to fill"*.

As part of this change, Director Richard Vick, will assume the additional responsibility for financial accounting and adopt the role of Company Secretary. In making the announcements Chief Executive John Gibbs-Newton said, *"It is a great privilege to work with such a hard working, flexible and talented group of people and I wish Kevin, Stuart and Richard every success in their new roles"*.

Support from Syngenta

We are delighted to announce that Syngenta's research facility at Jealott's Hill has agreed to support the Industrial Trust in the South East Region for 2009. This has been achieved by Syngenta kindly agreeing to donate funds to the Region through their contact with the Industrial Trust by opening doors for visit experiences at the Jealott's Hill research facility.

Syngenta has a global reputation for innovative crop protection products and is a world leading agribusiness, formed in 2000 by the partnership of Novartis Agribusiness and Zeneca Agrochemicals. Jealott's Hill provides the focus for biological and chemical research and is one of four Centres of Research Excellence for Syngenta. The ultimate aim of Syngenta is to find novel crop protection products or technologies which are safe, effective and form part of sustainable farming systems.

Syngenta are also actively involved in various community relations projects. The company also works with a number of organisations in the UK to develop educational resources that are available to schools nationwide, to help children to learn where their food comes from and the importance of farming in a sustainable way.

The facility at Jealott's Hill is heavily involved in outreach activities and the Industrial Trust has already had the opportunity to take Farnborough Sixth Form College and St Andrew's School, Leatherhead on exciting and informative visits to their site. A group of 20 A2 Business Studies students from Farnborough Sixth Form College visited Jealott's Hill. The visit began with an extremely informative presentation by Helen Jones, External Liaison Manager, explaining the various aspects of the business, which led to some interesting questions and discussion from the students. This was followed by a tour of the site, including the research glasshouse complex and laboratories. The visit concluded with a question and answer session. Feedback from the students and their teachers was extremely positive and all felt that the visit and information given would be extremely helpful with their studies.



Our Photos shows students on the tour of the research glasshouse complex and laboratories

The Industrial Trust very much hopes that this successful partnership with Syngenta will continue for many years to come and more visits will be planned for the latter part of 2009.

Make a Difference - Volunteering Opportunities

By getting involved, volunteers can make a vital contribution to many aspects of the Industrial Trust, along with gaining new skills and experience.

Lucy Jasper an Industrial Trust Volunteer in London and the South East, is taking a year out between full-time work and starting a college course and wanted a volunteering opportunity that would help her prepare for a new career in Estate Management. *"It is very different from what I am used to but I love it! This is what I call a real experience"* she says.

If you'd like to find out more about the volunteering opportunities with the Industrial Trust then please contact info@industrialtrust.org.uk

Developing the Eastern Counties

Work in the new region is going well for secondee Sarah Bass and there has been an overwhelming interest from both schools and companies. A recent discussion with Old Buckenham High School in Norfolk identified an opportunity for a group of year 11 technology students. The teacher was looking for ways to help students better understand the production process from the design stages to the end product.

Sarah researched the local area for suitable host companies who were able to or had the potential to deliver the learning needs. Jeckells (a Sailmaker), was soon identified and after visiting their premises and working with their staff and facilities, the Managing Director agreed to open their doors for the first time to the Industrial Trust.



The visit, was the first of its kind for Jeckells and gave students an opportunity to experience a day in the life of sail making. The visit began with an introduction to the Company from Jeckells' Managing Director Chris Jeckells, followed by a presentation which provided students with an insight into the sail making sector. After the presentation, students received a guided tour of the factory and were able to talk to employees, ask questions and find out more about their role within the Company.

During the tour, students witnessed how a computer aided designed for sails were sent to a huge laser machine. Students then watched as the impressive laser drew, cut and sealed the various parts of the sail. Throughout the visit, students gained an appreciation of the different types of designs; various materials used and when best to use what type of sails for particular sailing activities. Ultimately, the experience provided students with an understanding of a production process, from customer enquiry and initial design to the end product.

Sarah Bass Area Manager for the Industrial Trust Eastern Counties said *“Overall this visit has been a positive and worthwhile experience for both students and employees. It has also been a great opportunity to encourage and stimulate young people’s interest in the textile industry and the opportunities that exist within it.”*

Working Together

As part of our partnership with the Drapers Company, the Industrial Trust works along side other like minded charity organisations who all share a common goal – to promote worthwhile careers to young people in engineering, design, technology, science and maths, all with a focus on creativity, enterprise and widening Participation.

One such organisation is the Smallpeice Trust who are running a brand new Technical Textiles residential course for students in Years 11 and 12 from 20 to 23 July at the University of Manchester. Discover exactly what they are and how they are used, learn about the research and development undertaken at the university and engage in hands-on activities to put this knowledge into practice with the help of world-class scientists and engineers. If you or someone you know is interested in learning about a range of issues such as smart materials, climate control fabrics developed for better sports performance, or even cutting-edge medical textiles, then this course is ideal for you.

The course costs £175 for 4 days including accommodation, meals, all course materials and social activities. Students are advised to apply early as places are offered on a first come first served basis! Visit www.smallpeicetrust.org.uk to apply.

Or e mail Gemma Murphy gemmam@smallpeicetrust.org.uk



It's a REAL Experience!

Imagine – you are in a safe job, doing well and then some one suggests that you take a year out to do something you have never thought of before and know almost nothing about – but it sounds intriguing. Then, before you know it, you are in at the deep end, having to make things happen.

This is what two secondees from EDF Energy found. Jane Francis, seconded Regional Director for London and the South East said *“It’s all about making real experiences happen for young people. You certainly learn quickly but it’s great when your plans come together and you see the effect that a visit to a real working environment can have on students”*. Sarah Bass, Area Manager added, *“You can’t imagine how much I have learnt in such a short time – about industry, about education, even about my own company”*.

“Secondees benefit the Trust greatly as they bring further expertise of business and management that is invaluable to organisations like ours” comments John Gibbs-Newton, Chief Executive of the Industrial Trust. *“It is doubly important therefore that we give our secondees challenges that develop their skills so they go back to their companies even more experienced and capable than when they joined us.”*

Here are just two of the events successfully completed by Jane and Sarah:

The Big Bang Fair

Organised by the Engineering Technology Board at the QE II Centre in London, this fair was designed to excite young people about careers in science, technology, engineering and mathematics. Open to schools across the UK, it attracted over 5000 visitors who got involved in challenges, presentations and discussions about career opportunities. Everyone who participated agreed it was a great success and are looking forward to next year’s event in Manchester.

The Industrial Trust stand created by Jane and Sarah included a mannequin called ‘Gary’, which wore all the high tech materials needed to protect a modern electrical linesman and was available for the students to try on. Also demonstrated was a nifty piece of material that will soak up oil spills but not take on water. A number of teachers took home a sample for their school material boxes!



Our picture (above) shows students trying on some of the protective gear with Jane and Sarah manning the stand.



Our picture shows students learning about engineering in the RAF.

Engineering Fair at Tilbury

npower’s Tilbury site is a favourite destination for engineering students as it provides a wonderful insight into engineering at a traditional coal fired power station. At the end of January and over 2 days, 10 schools were invited, not only to experience the power station tour but to join presentations from power station engineers, meet apprentices and young engineers from National Grid and Babcocks, take part in engineering challenges set by the Army, see aspects of engineering used by the RAF complete an engineering quiz and learn about engineering careers from the IET and IMechE (who also sponsored the event).

Dave Bigelow, Engineering teacher at St Georges CofE said *“I want the thank you for inviting [us] to such a fantastic day. All of the students have commented on how much they enjoyed the day and would like to do it again ... the day was a smashing success and will be talked about for a long time.”*

'In our Image'

Construction is well under way for one of the North's next iconic image to compete with the Angel of the North. At 16 meters tall and constructed from steel, it will be slightly shorter than its famous rival the Angel of the North and will be installed as a gateway feature to the town of Newton Aycliffe in Durham.

The sculpture was designed by Joe Hillier, one of the countries up and coming young artists and is being manufactured by a local engineering company Aycliffe Fabrication which, working exclusively with the Industrial Trust, has hosted a large number of school and college visits from throughout the North East Region.

Dave Spensley of Aycliffe Fabrication enthused *"The work is due to be completed by the end of March and as well as being a landmark feature well and truly putting the region on the map, it is thanks to the work of the Industrial Trust that has enabled the construction stages of In Our Image to be enjoyed by hundreds of young people from schools and colleges in the region - and has been an inspiration to the next generation of aspiring engineers."*



Almost 500 young people have visited the construction since it started at the end of last year, with everyone participating in a unique workshop created by the Industrial Trust in partnership with both Joe Hillier and Dave Spensley a Director at Aycliffe Fabrication. The workshop involves a presentation by the Industrial Trust, an interview with the artist, a tour of the sculpture construction including full explanation by Aycliffe Fabrication. The day concludes with a team challenge for the students, which is to design and make their own sculpture which is judged by Joe Hillier with a prize for the winning team.

Joe Hillier commented that *"In Our Image will become a landmark feature for Newton Aycliffe - the scale and size of this project perfectly reflects the vision and ambition we all have for the area and also builds upon Newton Aycliffe's proud industrial heritage. I am delighted at the enthusiasm shown by students during their visit and the way they have embraced the project, with many coming back to see how the project is progressing."*

Trading Places

As reported in our winter 08/09 Newsletter - Lisa Slater has joined our West Yorkshire office as Area Manager. She has a passion for the teaching of technology and has worked in both primary and secondary schools. Lisa is a former teacher from Skipton Girls High School and was instrumental in obtaining and renewing their Engineering specialist status.

Lisa became aware of the Industrial Trust while she was head of the Engineering and Technology faculty at Skipton Girl's High school Skipton North Yorkshire. With already having a reputation for one of the best Design Technology departments in the country it was an important milestone when the school broke new ground by being the first girl's school in country to have Engineering status. The school continued to deliver a progressive and inspiring curriculum to lead students to be Engineers of the Future. Lisa found out about the work of the Industrial Trust through Paul Booker (Divisional Director North), Paul offered the Industrial Trust's services, which included a range of out of school experiences into inspiring engineering environments which supported the delivery of the curriculum at GCSE. Through this Lisa was able to access experienced engineers who offered advice in specification and implementation. This was invaluable to the students and school to support the Engineering Status.



Lisa could see that working with the Industrial Trust would be a rewarding experience. Having always maintained a wider contribution to the education alongside her teaching responsibilities, with a portfolio that includes working with QCA, AQA, DATA, Economics and Calderdale LEA.

Lisa joined the Industrial Trust at the start of 2009, She stated that *"working for the Industrial Trust is a job that makes a real difference to education, it is good to be part of an efficient organisation that is supportive of young peoples education and one that offers teachers valuable support in meeting curriculum needs both on specific focus areas and in the broader context of education."* Lisa added that she is looking forward to bringing her educational experience into the work of the Industrial Trust and to build on the good work that is already been put in place in West Yorkshire.

"inspiring life choices"
www.industrialtrust.org.uk

Get Involved... they did!

Schools	Business	Sponsorship
<ul style="list-style-type: none">• Educational visits into Industry• Support classroom learning• Bring curriculum to life• Gain an insight into industry• Support material for visits• Interactive student information• Schools Membership scheme• Raising young people's aspirations• Inspiring life choices	<ul style="list-style-type: none">• Open your doors to young people for educational visits• Fulfil your Corporate Social Responsibility Programme• Become a corporate sponsor• Educate and motivate potential recruits• Exhibit or be guest speakers at national or local trust events• Staff development• Volunteering programmes• PR and perceptions	<ul style="list-style-type: none">• Financial support for one educational visit• Financial support for whole class events• Give directly through your company payroll• Become an individual donor• Volunteer your time or skills• Provide "benefits in kind"• Become a Trust Champion• Participate in our events• Recommend us to your local schools• Tell others about us

If you would like to participate in an educational event, please contact

info
[@industrialtrust.org.uk](mailto:info@industrialtrust.org.uk)

If you would like to discuss corporate opportunities, please contact

stuart.bishell
[@industrialtrust.org.uk](mailto:stuart.bishell@industrialtrust.org.uk)

If you would like to find out more about sponsorship opportunities, please contact

jenni.jones
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...and Make a Difference

Calling All Public Sector Experts!

The Need - The Industrial Trust's income is £1m per year. Our ambitious plans require this to be increased. Currently 20-25% of our income comes from public sector and related bodies (national government, local government, agencies and institutions administering public funds). However, the nature of this funding is changing and new opportunities are opening up.

The Industrial Trust is therefore keen to acquire expertise in accessing new public sector funding.

The Opportunity - The Industrial Trust will consider a range of means of acquiring this expertise, including secondment (the Trust has benefited from many secondments over the last 10 years), contracting on a self-employed basis or through an agency, or employment (full or part time). We are seeking an individual (possibly more than one if part time), who either has a background in the relevant parts of the public sector or who has a proven track record in raising funds from it. The person will have an understanding of the public sector at central, regional and, if possible, local levels and an ability to access influential people. The government departments most likely to be of interest are DCSF, DIUS and BERR and related Agencies. At regional level RDAs are likely to be an important source. Belief in the value of the Trust's services is important, along with the ability to conduct research, identify opportunities, write draft applications and liaise by e-mail/telephone with senior Trust executives and funding bodies. Location could be anywhere in England if the person or their employer provided an equipped workstation. The duration of the appointment is flexible from a few months to a permanent basis for the right person.

If you are interested in this opportunity or can help us find a suitable person please contact: John Gibbs-Newton, Chief Executive on 01949 850750 or john.newton@industrialtrust.org.uk.