

AWARDS AND LIVERY DINNER GIBSON HALL, 6th July 2010

This was the first time the company had held an event at the Gibson Hall. The Hall was completed in 1865 for the National Provincial Bank of England who sought to erect 'such a building as may be adequate to the wants of the Bank for many years to come'. The design was entrusted to John Gibson, a son of a Castle Bromwich farmer, who had trained as an architect. In recognition of his many architectural achievements the Royal Institute of British Architects awarded him their Gold Medal in 1890. The Gibson Hall, long regarded as his finest work, now bears his name. Located in the heart of the City of London the most interesting features of the exterior of the Gibson Hall building are the carved panels, set between the columns, and the surmounting statuary. These symbolise the industries and crafts for which finance was supplied. There are groups of statuary over the four pairs of columns and single statues over the five single columns. Notable statues include St George and the Dragon, supported by Britannia holding a wreath and shield bearing the lion's head, representing England and a harpist and miner with his pickaxe representing Wales. Several others represent major provincial cities finishing with one representing the City of London and Old father Thames.

The Company's dinner was located in one of the main reception rooms, which was the former banking hall, furnished by Devonshire marble columns and gilded domes. The food matched the admirable settings and the Connecting Arts Brass Quintet played beautifully throughout but sometimes drowned out conversation. The Awards Dinner was a great success with many young engineers gaining recognition for outstanding achievements. The Master was assisted in presenting the Awards by the Principal Guest Sir Anthony Cleaver and Senior Officers present. After the Awards the Master proposed the Toast to the Guests and Sir Anthony responded re-iterating the need to support young engineers and maintain training in the profession.

David Mba

THE ENGINEERING AWARDS

Baroness Platt of Writtle Award

The Award has been established to recognise engineering excellence amongst those pursuing final year studies leading to the academic qualifications for entry to the Engineering Council's Incorporated

Engineer grade. The Award is named after Court Assistant, The Baroness Platt of Writtle CBE FREng in recognition of her work in support of the Engineering profession in general and Incorporated Engineers in particular. The Award consists of a prize, medal and certificate. The Award was made for the first time in 2002 and The Engineers' Company wishes to acknowledge the assistance of the Institution of Engineering and Technology in selecting the Award winner.



Winner 2010 (Prize £1000) – Christopher Newton Christopher Newton is in the final year of a B Eng Motorsport and Powertrain Engineering degree at Coventry University and expected to achieve a first class degree. A very practical young engineer, Christopher has a focused, well planned approach to engineering issues.

From an early age he gained mechanical experience on various diverse automotive projects, including the construction of his own rally car. Often working under extreme time pressure, he displays calmness and assurance, leading teams by example and developing innovative solutions. He is also passionate about using his engineering skills to improve the environment. Having already shown great promise in his work placements while at university, and being driven to succeed in a measured and planned approach, the judging panel see significant potential developing for his career as an engineer.

Stephenson Award

The Award is for those who have been particularly successful in encouraging young people to study engineering with an emphasis, but not exclusively, on mechanical engineering. In 1997, members of the Institution of Mechanical Engineers made donations to fund a Worshipful Company of Engineers Loving Cup to mark the Institution's 150th Anniversary. Donations in excess of those needed for the Loving Cup were used to establish the Stephenson Award and further donations were received from members in later years, supplemented by a substantial grant from Rolls-Royce plc. The Engineers' Company acknowledges the assistance of the Institution of Mechanical Engineers with nominations for this Award.

Winner 2010 (Prize £500) – Penny Bunting

Penny Bunting is the Engineering Coordinator at King Edward VI Grammar school in Chelmsford, Essex, and has established an incredible number of extra-curricular activities focused on promoting engineering as a career. She has been heavily involved in Engineering Development Trust (EDT) schemes, runs

two lunchtime Young Engineer clubs and has had significant success in a large number of science, engineering and technology competitions. Penny has also successfully promoted the Arkwright Scholarship scheme at her school and her students have an excellent record in gaining a range of scholarships towards their engineering degree courses.

Winner 2010 (Prize £500) – Eur Ing R W Shanks

Bob Shanks has been Chairman of 'Imagineering' since 2001 and has been instrumental in forming nearly 150 Imagineering clubs in schools ranging from Scotland and North-East England to Wales and to the South-West and South-East of England. He has obtained support from

many industrial companies including Rolls-Royce Aerospace, Airbus UK, Jaguar Land Rover, as well as REME and the Royal Navy in establishing 'Imagineering Fairs' – one in Warwickshire and another at the Royal Bath and West Show, events which have attracted 180,000 visitors of whom some 40,000 visit the Fairs. Overall, he has been highly successful in encouraging many young people to consider a career in engineering.

The Fiona & Nicholas Hawley Award for Environmental Engineering

The Fiona & Nicholas Hawley Award was established in 2006 and is made annually to recognise excellence in environmental engineering to a resident of the UK, under 30 years of age at the date of submission, who holds a graduate or post graduate degree in engineering or science from a recognised UK university, or who is studying for a post graduate degree at such a university.

The Hawley Award is aimed at inspiring younger engineers to present a project that has at least reached prototype stage in meeting three tests of social, economic and environmental sustainability.

Winner 2010 (Prize £5000) – Robert Matthews

For his work on "A novel, electrically independent field incubator to support microbiological water testing in low resource settings", the Award goes to Robert Matthews of Bristol University's Water and Health Research Centre. Robert has developed a deceptively simple and genuinely low cost device providing

precision temperature control – not a trivial design despite the intended \$20 unit cost. It enables reliable microbiological testing of water sources where electricity supply is unreliable (principally testing for E.coli which is deadly to countless thousands of children annually). It is an essential component of a new testing system in which it provides near constant temperature to enable a water sample in a test capsule (itself a separate and very elegant design) to be subjected to a culture-based test with high confidence.

Water Engineering Award

The Water Engineering award is made jointly with the International Water Association (IWA) for the best presentation and paper at the annual IWA UK Young Water Professionals Conference.

Winner 2010 (Medal) Doug Aitken

Doug Aitken was educated at Kirkcudbright Academy and gained an M Eng degree in Civil and

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Environmental Engineering at Edinburgh University. During his time there he was Project Leader for the University's branch of "Engineers Without Borders" and successfully managed a project to design and install a renewable energy supply for an orphanage in Cambodia. He is now undertaking postgraduate study. The Award is made for his paper: "Algae: A solution to wastewater treatment, greenhouse gas emissions and biofuel production?" which discussed the potential for an integrated solution to wastewater treatment and greenhouse gas emission mitigation in order to increase algal biomass production and thus biofuel production and other added value products.

Unfortunately Doug Aitken was unable to be present

Mercia Award

The Award is made annually to a student under 30 and provides a medal and bursary towards the cost of a taught or research programme of postgraduate studies in Medical Engineering.

Winner 2010 (Medal) Jonathan Noble



Jonathan Noble was educated at Queen Elizabeth's Hospital School in Bristol and gained an Honours degree in Physics and an Advanced Engineering MSc at Warwick University. He is currently training as a Clinical Scientist at King's College Hospital, and studying part time for an MSc in Medical Engineering and Physics. In his

spare time he has been an instructor for the British Weightlifting Association and also a silver medallist at the Indoor Rowing Championships. Jonathan's paper was based on his research into the potential of Magnetic Resonance Imaging (MRI) for measuring muscle tissue properties in patients with Cerebral Palsy. This could potentially provide an effective, non-invasive, muscle assessment method to enhance treatment for patients who are often young children.

Cadzow Smith Award

Established in 1996, the Cadzow Smith Engineering Awards were endowed by the Eastern Group plc in recognition of the outstanding services to engineering

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of its former Chairman, Dr. James C Smith CBE FEng FRSE and now a Past Master. The Awards are for excellence on an accredited undergraduate engineering course conducted at one of the eleven universities within London and the Home Counties. Besides academic excellence, the recipients of the Awards must have demonstrated self-confidence, professional awareness, leadership and sound common sense.

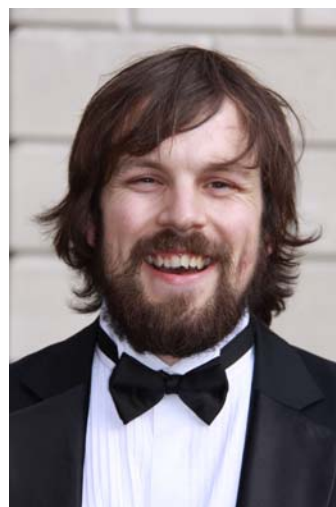
Winner 2010 (Prize £2500) – Mr Joe Gleeson, Imperial College London



An able and visionary final year MEng undergraduate in Materials Science and Engineering, Joe Gleeson impressed with his focused personal ambition and deep conviction of the crucial importance of innovative engineering in the creation of a sustainable world. With evident management and leadership potential, he

has a strong belief in the major potential contribution of his chosen automotive sector to carbon reduction, energy efficiency and sustainable manufacturing. This, together with his demonstrable academic, teamwork and sporting achievements as an undergraduate, singled Joe out as a future engineering high-flyer and a worthy winner of the award.

Special Commendation (£500) – Mr Sean Canty, City University London



Sean Canty is nominated for a Special Commendation because from a strong field of candidates, he stood out for his determination, focus and achievement. Having already passed through the NVQ route, achieving Apprentice of the Year, he is now on track for a First Class Honours M Eng in Automotive Motorsport Engineering which included a successful

industry placement with Rolls-Royce. On the way he has already garnered a number of awards and in 2009 led City University's Formula Student team to a place on the grid. A natural team player and leader, this commendation shows recognition of Sean's clear potential for future success in the engineering profession.

THE SERVICES ENGINEERING AWARDS

The Services Engineering Undergraduate Award

Awarded to an officer graduating from the Defence Technical Undergraduate Scheme (DTUS) who has achieved outstanding academic performance and demonstrated clear leadership and commitment to a professional engineering career in the Armed Forces.

Flying Officer Fiona Taylor RAF was an Officer Cadet with Trojan Squadron (DTUS) at Newcastle University. An excellent academic role model, she involved herself wholeheartedly in DTUS activities, thriving in the lead and organisational roles. She represented Newcastle University at hockey. As Trojan Squadron's team leader for the 40-mile Keswick to Barrow race she was the Individual Ladies winner and, to support 'Help for Heroes', she led the winning mixed team in the Sheffield "Hog Dash" off-road challenge. She graduated in June 2009 with a First Class Masters degree in Mechanical Engineering. As well as amply showing her leadership potential, Flying Officer Taylor is enthusiastically committed to an engineering career and is presently completing her Engineering Officer training at RAF College Cranwell.

Flying Officer Taylor was unfortunately on duty elsewhere.

The Services Engineering Postgraduate Award

Awarded to an officer completing a postgraduate technical degree who has achieved overall academic excellence and contributed most to the advancement of technical knowledge or its application through a research project.

Major John Wilson RE graduated from the Royal Engineers Professional Engineer Training course in July 2009. First placed of 11, he stood out from his peers, gained early Chartered Engineer status with IET, and won both the course prize and the Rainey Anderson prize for the best thesis – a study of investment in CHP to improve building environmental performance. On his commercial attachment, he was plucked quickly from project engineer to lead a delayed £25M M&E project for Melbourne's

International Airport extension and personally brought the project back on track. He also designed the control methodology for the 500m Qatar National Bank tower in Doha and a £50M HV distribution system for Melbourne Airport. Recently at Camp Bastion in Afghanistan, he has used his new skills and Chartered status to clear effect, with overall responsibility



for the design of a US\$13.5M air traffic control complex intended to handle more air movements than Luton Airport. Major Wilson is a dynamic, inspirational leader and outstanding engineer who has delivered well above his, then, Captain rank.

Both these Awards were made on the recommendation of the Defence College of Management and Technology at Shrivenham, Wilts.

The Services Engineering Training Awards

Awarded to a Warrant Officer or Senior Rating / Non Commissioned Officer of each of the three Services for outstanding achievement in initial or continuing engineering training, measured through leadership and the professional inspiration given to others.

Nominations are invited from: Defence College of Electro-Mechanical Engineering, HMS SULTAN; Maritime Warfare School, HMS COLLINGWOOD; Defence College of Communications and Information Systems; The Royal School of Military Engineering and Defence College of Aeronautical Engineering. Winners are selected against the criteria by The Services' Awards Panel of The Worshipful Company of Engineers.

Royal Navy Award

Petty Officer Marine Engineering Mechanic (Electrical) Allan Davis has provided electrical training to Engineer Training Initial Career Courses since July 2008; his experience, highest standards and enduring enthusiasm make him an inspirational character to both trainees and staff. He is frequently involved in voluntary work to update, repair and improve training methods to ensure trainees receive the best possible service. Taking pride in his work, he

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is a driving force in the delivery of training to the next



generation of Engineer Technicians. Selfless dedication and a passion for trainee development make POMEM(L) Davis an outstanding asset to the Royal Naval School of Marine Engineering and the Royal Navy.

Army Award



Warrant Officer Class 2 (QMSI) Dean Ross joined the Army in 1990 and attained his Clerk of Works (Construction) qualification in 2002. Whilst with the Royal Engineer Force Protection Engineering (FPE) Cell he was instrumental in the development of the Elevated Sangar whose safe, simple and fast construction is now

considered best practice; the equipment is used extensively by the Corps in Afghanistan. He was selected in 2009 to the teaching Staff at the Royal School of Military Engineering Professional Engineer Wing as the sole non-commissioned Assistant Instructor (Planning). With his senior line manager deployed in Afghanistan he has led the department and shouldered the full responsibility for developing, whilst delivering, Project Management training. He draws on his exceptional experience to improve both the courses on which he teaches and in the FPE area outside his formal remit. He is outstandingly enthusiastic and professional in his instruction, an inspirational leader and he displays an endless zest for improvement of his students.

Royal Air Force Award

Warrant Officer John Rich RAF is the adjutant on Aerosystems Training Wing in Number One School of

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Technical Training, Royal Air Force Cosford. The Wing is responsible for delivering technical training to the mechanics, technicians and future engineer officers



in all the aircraft trades. WO Rich has been the focal-point of a project to increase the capacity of the Wing to cope with a surge in recruiting, which had resulted in a more than 200% increase in the number of trainees at Cosford. This has required careful planning and staff training and, through his diligence and hard work, WO

Rich has been instrumental in ensuring that this new training capacity has remained compliant in all respects with the contemporary engineering practices in the RAF, preparing the young men and women who pass through training at Cosford to be ready to take their place in the current operational climate as quickly as possible.

The Services Operational Engineering Awards

Awarded to an officer, from various Service and Corps areas, who has best made the application of professional engineering judgement or technical innovation to contribute significantly to the maintenance or enhancement of operational capability or effectiveness in any theatre of operations, including the UK. Recommendations for the Operational Awards are made by the Senior Specialist Services Authority appropriate.

Royal Navy Operational Engineering Award

*(Called the "Thunderer" award to sustain the heritage of this name within
The Worshipful Company of Engineers)*

Lt Cdr Nick Bowser RN served as the Air Engineering lead for the preparation and deployment of the Sea King Mk7 for Operation HERRICK (UK operations in Afghanistan) in 2009. He planned the equipment, manpower and engineering training elements of the deployment. He worked closely with the Force Commander and capability sponsor to determine the requisite Theatre Entry Standard modifications, engaged with the Sea King project and in-service engineers to oversee the modification of the aircraft and became involved with the Release to Service desks to deliver the requisite operational clearances. He determined the size of the deployable

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and non-deployable Sea King Force and worked closely with the Branch Manager leading to a Force Uplift of 49 people. To ensure that all the planned support elements were delivered at the right time and at the right level he deployed to theatre and had to overcome a particularly challenging spate of transmitter failures.

Lt Cdr Bowser was unfortunately on duty elsewhere

Royal Engineers Operational Engineering Award



Major Iain Brown RE took command of 518 Specialist Team Royal Engineers in August 2009 and deployed to Afghanistan. His role was to develop the Afghan construction industry across Helmand Province. In six months Major Brown's team let contracts totalling \$35M to Afghan contractors for construction to support

economic development, security and stability. He used his engineering skills to develop solutions matched to Afghan construction skills. He implemented training for construction companies and encouraged business development. He introduced innovative, sustainable and economic engineering solutions including solar lighting. His leadership, engineering skills and judgement made a major contribution to the campaign.

Royal Electrical & Mechanical Engineers Operational Engineering Award

Captain Phil Noke REME was the Battalion Technical (Operations) Officer during Operation HERRICK10 in Afghanistan. By developing the operational engineering competence and standards, he has demonstrated an informed and exceptional commitment to improving the professional standing of the Corps whilst on operations. In a relentless and agile pursuit of engineering excellence, Captain Noke was pivotal in uniting the engineering strengths of the military and civilian contractor with those of the locally employed civilians. His approach and actions ensured the success of the campaign, and his resourcefulness led to a positive impact on the operational capability of the UK Forces in Afghanistan. Captain Noke is a highly professional

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technical officer with the foresight, creativity and imagination, to deliver exceptional results based on his commitment and widest professional mastery of engineering and related activities.



Royal Air Force Operational Engineering Award



Gareth Bryant's leadership of a fundamental transformation of engineering support to Chinook operations, underpinned by exceptional engineering judgement, has been central to a 50% increase in the annual Chinook flying

rate, whilst also successfully introducing the Chinook Mk3 into service. His outstanding leadership of the engineering team enabled the Chinook Force to deliver a battle-winning capability, worldwide. He overcame considerable technical challenges in maintaining aircraft in harsh operational environments and mentored a team that proved itself under enormous operational pressures as well as enemy fire. He is an outstanding engineer in the finest traditions of the Royal Air Force.

The Services Engineering Support Award

Awarded to a serviceman who has contributed most, through the application of engineering skills including the use of leadership, management and technical acumen to meet materiel availability targets for any of the Armed Forces. The recipient would normally be chosen from the Defence Equipment & Support Organisation from a recommendation by the Chief of Defence Materiel.

Colonel Nicholas Wills has led the Protected Mobility



Team in the DE&S at MOD Abbey Wood for the delivery of vehicles to UK forces on operations. On taking over, he rapidly shaped the new team and drew the best from its members' diverse skills and experience. Faced with a continuously evolving threat, he took the lead in working with industrial suppliers to introduce innovative solutions.

Vehicles for different roles were delivered at a rate exceeding 50 per month throughout the year. He, together with his Team, has been completely committed, working long hours to drive programmes to up-armour and integrate these platforms. There is absolutely no doubt that his efforts with his Team have resulted in the saving of many lives on recent operations.

The Master's Speech

Prime Warden, Masters, Ladies and Gentlemen



Welcome to Gibson Hall, an unusual venue, not a Livery Hall, but within the City. This building was built in 1865 as the Head Office of the National Provincial Bank. You may remember that National Provincial merged with the Westminster Bank some decades ago, to form the National Westminster

Bank.(Nat West) That in turn was taken over by the Royal Bank of Scotland (RBS) – and we all know where that lead us! So, the saga continues.

This is a Grade 2 Listed Building, and a splendid venue for our Awards Dinner. This main hall was one of the Cities greatest banking halls. The latter half of the Victorian period was a time when companies built Offices to express the power of the organisation and the ego of their Directors – as happened with Town

Halls and Civic buildings. Nowadays it is the opposite – as low profile and low cost as possible and never buy if you can lease, keep it flexible. Oft said in the City, if a company builds a prestigious office, sell the shares!

Please join me in thanking our caterers for an excellent dinner and our musicians, the Connecting Arts Brass Quintet for their continuing high standard.

The presentation of our Awards is a major highlight of the year.

Not that our Liverymen need reminding, but key objectives of our Company are – I quote – “to promote the science, art and practice engineering for the public benefit” and, to “...to support and encourage standards of excellence in the profession of engineering”. It is one of the greatest pleasures of our succession of Masters to be able to honour and congratulate such talented and dedicated people. With people like you, our future is in good hands!

The cost of our Awards comes from the result of dedicated Liverymen, both now and in the past, giving generously to our Charitable Fund and persuading others to do the same. Many Liverymen have given generously of their time to judge entries, promote Awards and administer the process. I thank you all.

But we are here to honour the Award winners, not ourselves.

I always get inspiration from reading Citations and meeting Award winners. You are all doing great things in your various fields. We read so many negative things in the press – who no longer believe good news is worth printing. But you are prime examples to all of us of the great things being achieved by many.

A particular mention of Awards goes to members of the Forces. Some are not hear today because of service in Afghanistan. I am always hugely impressed by the resourcefulness and “get it done” attitude of the services – and at this time of all the issues to do with Afghanistan, we particularly honour you!

Among our guests this evening we are very pleased to welcome from other Livery Companies, the Prime Warden of the Shipwrights, and the Masters of the Glaziers and Painters of Glass, Carmen, Guild of Air Pilots and Air Navigators, Marketors, Lightmongers, Information Technologists, Wheelwrights and the Guild of Educators.

Also, among our Company guests, we welcome the supporters of our award winners, including high

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ranking officers from each branch of the services. We also welcome the Chief Executives of the Institution of Mechanical Engineers, the Institution of Chemical Engineers, the Society of Environmental Engineers, the Arkwright Trust, the representative of the Chief Royal Engineer and the Resident Governor of the Tower of London.

I am particularly pleased to welcome Sir Anthony Cleaver, accompanied by his wife Jenny, as our Principle Guest. Tony and I go back a long way. I first knew him 20 years ago when he joined Smith & Nephew as a Non-Executive Director and I was Chief Executive. Those were the days when we were all striving to introduce good Governance practices after some of the abuses and scandals of the 1980's, which lead to the Combined Code. Non-executives with real influence were new bread in most companies. Tony was an outstanding non-executive always focussing on the big strategic issues. He led national debate by chairing the RSA's study on Tomorrows Companies, which had a major influence. His major career was in IBM, latterly as Chairman and Chief Executive of IBMUK. He has been Chairman of several Companies, Birkbeck College and the Royal College of Music, and numerous other bodies. I could go on His CV takes 5 column inches in Who's Who. A man of huge energy and breadth. Today he is here as Chairman of Engineering UK (previously the Engineering and Technology Board). Tony has brought his huge skills, along with leaders of the Royal Academy of Engineering and the Institutions, to create the spirit of cooperation and working together which now generally exists. We only have significant influence as a profession by being united with common and complementary messages

Finally I welcome all our Liverymen, and all your personal guests

Would members of the Engineers Company please join me in the Toast to our Guests.

Sir Anthony Cleaver's Speech

Master, Wardens, Ladies and Gentlemen

I was delighted when your Master asked if I would reply on behalf of the guests for two reasons. Not of course, because I would have to sing for my supper – there can be very few people who honestly look forward to that moment when the Beadle says “Are you ready to speak now, Sir Anthony, or shall we let them enjoy themselves a little longer?” And can I also now apologise for any repetition to the ten people who were also present when I spoke to the Scientific

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Instrument Makers three weeks ago – well make that 9 as I'm told that at least 10% of one's audience tend to be dozing.



My first reason was simply that, knowing your Master and several of his predecessors, I was sure that I would be thanking the Company, on behalf of all the guests, for a truly splendid occasion – I am sure you will agree we have been royally wined and dined.

But my second, and rather more important, reason was to be able to thank the Company publicly for the support it gives to engineers and particularly young engineers during their formative years. One of my first meetings when I became Chairman of what is now Engineering UK, nearly three years ago, was with David Sainsbury who had just recommended in his paper “Race to the Top” that there should be a National Science Competition – I agreed and we set off to create the first Big Bang Fair. Our first Fair, in March last year, saw over 5,000 youngsters attend the event in London's QEII Centre and the first UK Young Scientist and UK Young Engineer were chosen. Building on that, this year's event took place in Manchester where 110 organisations, from right across the science and engineering spectrum, from leading companies to government departments, from the Royal Society to the major engineering institutions to the BBC, came together to provide over 15,000 young people with an exciting window on the worlds of science and engineering and the opportunities for truly satisfying careers. Perhaps equally important, the Fair was attended by over 4,000 of the key influencers, parents, teachers and careers advisers.

By the end of next week, Regional Fairs will have taken place in all the UK regions and nations and next March, we will be bringing the Big Bang Fair back to London to the ExCeL Centre – it will, I intend, be even bigger and better.

But an event like this can only start a child on the journey. To capitalise on it, we need to provide opportunities for students to learn about engineering in a practical way, which is why our other major initiative, Tomorrow's Engineers, has brought together

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five of the leading schemes that provide enhancement and enrichment activities, such as Young Engineers' after school clubs. Tomorrow's Engineers has already taken these activities to over 30,000 youngsters this school year, in addition to the thousands those schemes were already engaging. Again, this programme will grow next year and should be able to reach over 100,000 a year before long.

So where next? Well, it's important to be very clear what you wish for – a point well illustrated by the young woman who was recently walking through Charing Cross station when she saw a man playing the violin. So enchanted was she by his virtuosity that she put a £20 note in his cap. As she made to walk off, he stopped her and said "Madam, that was very generous". "Not at all", she said, "I thought your playing was magical." "Well", he said, "I am actually a magician and I would like to grant you 3 wishes." "Really?" she said. "Yes", he replied, "the only condition is that whatever you receive your husband will have ten times over." "Well, first," she said, "I would like to be beautiful." "You shall", he said, "and your husband will be exceedingly handsome." "And then, I would like to be wealthy." "Of course, and your husband will become one of the wealthiest men in the country." "And then", she said, and a small smile played around her lips, "I would like a mild heart attack."

So what are my three wishes? First, that the collaboration we have begun across the engineering community will continue and grow so that every child has the opportunity to understand what engineering really is and what opportunities it could offer. Second, that we use our combined voice to accentuate the positive. For example, how much play have we made of the fact that in the recent Times Review of Universities in the top ten salaries for new graduates, Chemical Engineering came third, General Engineering fifth, and Civil and Mechanical Engineering ninth and tenth.

My second wish is very specific - that government give wholehearted support to the Engineering Diploma – it is already popular, it has brought education and industry together to deliver it and is the only place where engineering appears in the curriculum.

And third is that government understand that to turn the rhetoric of "less financial engineering and more real engineering" into reality and maintain our position as the world's 6th largest manufacturer, it must support engineering. And this does not, at least in my view, mean more financial support but simply building on what we have and strongly endorsing our growing

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collaborations, rather than creating new initiatives. Our progress so far has shown that presented with well-managed and properly evaluated programmes, Industry and the institutions are perfectly willing to provide the necessary support. Properly measured programmes with government endorsement can do far more than centrally dreamed up publicity campaigns.

Ladies and Gentlemen, many years ago I was told that there are only 3 rules for a speaker – stand up to be seen, speak up to be heard and shut up to be popular.

So will you please now join me in a toast – the Worshipful Company of Engineers, may it flourish root and branch for ever.