

# Register News

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## Welcome



Welcome to the spring edition of Register News.

As I write this, we have just passed an exciting milestone in the UK – as it's now less than 100 days until the start of the Olympics in London. It is perhaps time to thank the professional engineers and technicians who have made an essential contribution to the creation of what is, undoubtedly, a series of leading world class venues.

I am sure that the debate on cost and value will rumble on in to the future as some of the more peripheral issues come to the fore, and before the gladiatorial events commence, but Sir John Armitt FREng CEng, as Chairman of the ODA should feel rightly proud of the contribution made by the professional team that has supported him, in meeting the engineering challenges to time and budget.

We have been looking at the challenges that face the profession and how the Engineering Council can improve the contribution that we make to society, as set out in our three year strategy which we published at the start of the year (Please see below).

The working group formed by our Board of Trustees to review our policy position on the status of engineers has now completed its work and issued a policy statement, together with a detailed explanation of how they came to this conclusion. These can be found at: [/statusofengineers](#)

We have also produced new registrant ties and lapel pins and, by the next issue, will be in a position to let you know how you can obtain these.

Jon Prichard CEng FICE FInstRE  
CEO

## Engineering Council strategic plan 2012-2015

The Engineering Council strategy identified four key strands as: CPD; employer engagement; promotion of technician and Incorporated Engineer registration; and international engagement.

We have also reviewed our core activities in terms of efficiency and effectiveness, which in particular has resulted in an overhaul of our IT hardware and software that will enable us to digitise our processes downstream. We will, as always, keep Register News readers updated with regard to these strands of activity.



## Dave Hogan joins Engineering Council



We are pleased to announce that Dave Hogan CEng FIET FInstLM has taken up the post of Operations Director, with effect from 12 March 2012.

In the recently revised role Dave has various responsibilities including Quality Assurance, IT and Registration. **Dave says:** "I join the Engineering Council at an exciting time as the UK seeks to balance the economy with manufacturing and infrastructure at the heart of the political agenda. It is here that the contribution of engineers and technicians is crucial. As part of this, I'll be looking to build on my past experience in driving forward the benefits, to both business and individuals, of professional registration as a means of identifying those engineers and technicians who display not only technical skills but a commitment to developing their professionalism and adherence to our ethical principles."

Dave joins the Engineering Council from BAE Systems, where he has been employed for the past ten years in support programmes, most recently working as Manager of Engineering, Programmes & Support. Prior to this he spent 26 years in the Royal Navy, working his way up from Artificer Apprentice to Leadership Training Officer for 2nd Sea Lord, in which role he was responsible for monitoring the training of over 6,000 personnel each year.

As well as having sat on the Engineering Council's Board of Trustees in the year prior to his appointment, Dave has also worked closely with the Professional Engineering Institutions to help embed professional registration into BAE Systems' staff structure. He has also been involved in the work of the Technician Council, leading the employers' group.

Jon Prichard says: "We are delighted that Dave has joined us at such a key stage in the work of the Engineering Council. He brings with him valuable experience from two major engineering employers and has an excellent insight into the needs of the profession. Having participated as a Board member in the development of our current Strategic Plan he will be able to make an early contribution to taking our agenda forward."

## Launch of Professional Technician welcomed

The Engineering Council welcomes the March launch of the professional technician brand, which concludes the first phase of the Technician Council. Chaired by Steve Holliday, CEO of National Grid, the Technician Council's first phase was funded by government to make recommendations as to how the importance of the UK's technicians in engineering, science and technology could be better recognised.

The second phase of the Technician Council will be funded by the Gatsby Charitable Foundation and will aim to foster professional technician registration as an essential enabler for economic wellbeing, thereby seeing a significant increase in the numbers of technicians registering with the Engineering Council and Science Council.

At the launch, Oliver Letwin MP, Minister for Government Policy Advice, and John Hayes MP, Minister of State for Further Education, Skills and Lifelong Learning, spoke in support of the Technician Council's work, and Steve Holliday unveiled a set of recommendations to employers, Sector Skills Councils, professional bodies and Government.

The launch is the result of an 18 month project, during which the Technician Council defined 'professional technician', reviewed the gaps and shortages in technician skills provision in the UK and developed the set of recommendations to ensure that technicians receive the recognition that they deserve.

The recommendations set out how stakeholders can strengthen the infrastructure underpinning the registration and professional development of technicians, encourage active support for this, and highlight how to increase the pool, status, transferability and diversity of professional technicians across all sectors of industry.

Engineering Council CEO Jon Prichard says: "We see this launch as an ideal opportunity to review the status registration plays in delivering economic benefit to employers and professional benefit to individuals. It also allows us to promote professional registration as a tool for fostering employee development to a much wider audience.

"The UK has a rich engineering heritage which undoubtedly provides a foundation for future prosperity. Ensuring that we have sufficient well motivated professional technicians to be able to exploit this opportunity is an essential activity that the Engineering Council is delighted to be a part of."

The Technician Council was formed in July 2010 following two influential government White Papers examining the national skills strategy for future growth, which highlighted the economic need for the UK to recognise and develop a modern class of technician. This launch is a key milestone in the journey to delivering economic growth through a commitment to skills development.

The full press release announcing the launch can be found at: <http://www.professional-technician.org.uk/news.php>

## Definitive guide to IEng



DOWNLOAD  
THE eBook NOW

As part of our campaign to raise awareness and understanding of the value of the Incorporated Engineer (IEng) professional qualification, the Engineering Council has issued a new IEng eBook, which acts as a definitive guide to becoming registered as an IEng. This innovative eBook is available to download from the Engineering Council's website, at: [/ebook.aspx](#)

The eBook is the latest tool created by the Engineering Council as part of a campaign, developed together with the Professional Engineering Institutions (PEIs), to raise the profile of IEng, and increase recognition of its value to individuals, employers, the profession and society as a whole.

The Engineering Council's annual statistical summary for 2011 shows that, whilst the number of engineers and technicians obtaining a professional qualification in engineering continues to grow year on year, there was overall a 2% reduction in the total number held on the register during 2011.

An overall decline of around 1.7% was anticipated, owing to the register reflecting the UK's ageing population (the number of professionally qualified engineers and technicians on the register aged 60 and over has now risen from 37.4% in 2010 to 39.4%). However, we believe that the slightly greater than expected rate of decline is due to the effects of market conditions in the post credit crunch recession. It is hoped that with the recent improvements being seen in some engineering related industries, the rate of decline will start to decrease.

The 6.85% increase in new Engineering Technician (EngTech), Incorporated Engineer (IEng), Chartered Engineer (CEng) and ICT Technician (ICTTech) registrations during 2011 further builds on the significant 26.9% rise seen during 2010.

"It is vital that we continue to attract new entrants to maintain the skills pipeline, if we are to meet the demands of future national needs, and to avoid experiencing the significant skills shortages in key sectors that occurred when we emerged from the last recession." **Jon Prichard, CEO of the Engineering Council says.** "The current financial downturn has inevitably resulted in a short term reduction in the demand for professionally qualified engineers, despite all of the recent skills forecasts identifying a medium term need for a highly skilled and professionally qualified workforce. An on-going commitment from employers and individuals to professional development and professional registration is one of the measures that can help mitigate future shortages."

The Engineering Council is therefore working with the Professional Engineering Institutions and other partners to boost awareness and understanding of the value of becoming professionally qualified.

Jon Prichard adds: "It is pleasing to see that the UK Government has also now acknowledged both the central role engineers will play in rebuilding the economy and the need for sufficient highly skilled and professionally qualified engineers and technicians to achieve this."

The full annual statistics report 2011 is available on the Extranet at: [/registration/registration-statistics](#)

## Free professional advice at NECR



The Engineering Council will once again be joining a number of Professional Engineering Institutions (PEIs) on the Professional Development Hub at the National Engineering & Construction Recruitment Exhibition (NECR). The NECR takes place on Friday 27 and Saturday 28 April at the NEC Birmingham.

The NECR provides an ideal, comprehensive way for those considering their next career move to prepare, research and meet potential employers and industry experts. The range of advice and services available mean that a visit to the event could prove one of the most valuable and productive days of the year for visitors - and one that could see them successfully taking the next step in their career.

Students, graduates and skilled professionals visiting the Professional Development Hub will be able to meet representatives from the Engineering Council and PEIs, for individual advice on their career progression, including how institution membership and professional registration can boost their career prospects.

Institutions having confirmed their attendance include:

- Chartered Institution of Building Services Engineers (CIBSE)
- Institute of Highway Engineers (IHE)
- Institute of Materials, Minerals and Mining (IoM3)
- Institution of Civil Engineers (ICE)
- Institution of Engineering and Technology (IET)
- Institution of Gas Engineers and Managers (IGEM)
- Institution of Mechanical Engineers (IMechE)
- Nuclear Institute (NI)
- Royal Aeronautical Society (RAeS)
- Society of Operations Engineers (SOE)
- Society of Environmental Engineers (SEE)
- The Welding Institute (TWI)

Other exhibitors at the NECR, the largest engineering and construction recruitment event in the UK, will be offering advice and challenging roles in virtually every sector of the industry including: automotive, mechanical, electronics, software and defence, construction, civil and structural engineering.

The NECR takes place in Hall 11, NEC, Birmingham, 27 and 28 April 2012, 11am – 4pm. Entry is free. To register online now and for further information visit: <http://www.engineerjobs.co.uk/engineering-exhibitions/spring-birmingham-2012>

## Naval registration



When HMS SEVERN called into Cardiff in January it's 'Lady Sponsor', Professor Felicity Guild BA PhD CEng, presented the ship's Marine Engineer Officer, Warrant Officer D. Pooley IEng IMarEng MIMarEST, with his IEng certificate.

Warrant Officer Pooley obtained his Engineering Council registration through the IMarEST. Recognising the world class training and experience offered by the Armed Services, a number of PEIs offer support to aspiring registrants in the different arms and services, encouraging them to qualify through appropriately tailored routes. This particular route was initiated by the Engineering Council's Chairman, Rear-Admiral Nigel Guild CB PhD DEng CEng FREng, during his appointment as Chief Naval Engineer Officer. Consequently, Royal Navy Marine Engineers can obtain PEI membership and professional registration as Engineering Technician (EngTech), Incorporated Engineer (IEng) and Chartered Engineer (CEng) at various stages throughout their career in the Royal Navy.

Professor Guild launched HMS SEVERN in 2002 and will remain the Lady Sponsor for the life of the ship.

## Improving understanding of public concerns about Risk

The Hazards Forum, in association with the Engineering Council and the Royal Academy of Engineering, is holding an evening event on Tuesday 12 June on the topic 'Improving our understanding of public concern about risk'. This is the first in a mini series of meetings to discuss risk perception and risk communication issues.

Chair for the evening is Professor Sue Cox, from the University of Lancaster's Business School, who is an expert on safety and risk - particularly the human factors and communication issues. Speakers are: Professor Nick Pidgeon, Head of the Understanding Risk Research Group at Cardiff University; Professor Brian Wynne, a sociologist and Professor of Science Studies at the Centre for the Study of Environmental Change (CSEC) and at the ESRC Centre for Economic and Social Aspects of Genomics (CESAGen) at Lancaster University; and Professor Dick Eiser, Emeritus Professor of Psychology at Sheffield University. Professor David Spiegelhalter OBE FRS, Winton Professor for the Public Understanding of Risk, University of Cambridge will introduce some further thoughts when opening the discussion period.

Risk is an area of great importance to the engineering community and the Engineering Council highlighted the importance of good communication as one of six principles in its 'Guidance on Risk for the Engineering Profession' published in 2011.

'Improving our understanding of public concerns about risk' is to be held at 5.30pm on Tuesday 12 June at the Institution of Civil Engineers (ICE), 1 Great George Street, Westminster, London, SW1P 3AA. Attendance is by invitation. If you are interested in knowing more, please contact Tim Fuller in the Hazards Forum Secretariat Office at [admin@hazardsforum.org.uk](mailto:admin@hazardsforum.org.uk) or visit: [http://www.hazardsforum.org.uk/events/events\\_view.asp?EVENT\\_ID=90](http://www.hazardsforum.org.uk/events/events_view.asp?EVENT_ID=90)

A second event is planned for 25 September; further details to follow in the next issue of Register News.

## FEANI 60th anniversary dinner



Engineering Council CEO, Jon Prichard, and Head of International, Katy Turff, represented the UK at the FEANI 60th Anniversary Dinner in Brussels on 31 January 2012. FEANI President, Lars Bytoft (left) opened the evening by welcoming more than 80 representatives from national engineering associations, universities, industry, politicians and other associates.

The key-note address was provided by ALDE-Leader (Alliance of Liberals and Democrats of Europe) and former Belgian Prime Minister, MEP Mr Guy Verhofstadt. He emphasised the need for a stronger political Europe and stressed the importance of FEANI as the European forum for the engineering profession, stating that engineers are important key players in maintaining Europe's competitiveness and therefore their mobility throughout Europe must be facilitated.

## The Engineering Card

The European Federation of National Engineering Associations (FEANI) officially launched its Engineering Card in April 2012. The aim of the card is to promote mobility of professional engineers, by providing a portable document that validates their professional qualifications.

The Engineering Card is operated by participating FEANI National Member Committees (NMCs). The NMCs of Germany and the Netherlands are the first to offer the Card. The NMC of the Czech Republic has announced that it will join the scheme during 2012.

The rules for the Engineering Card specify that it can be issued to graduates of engineering degree programmes. The Engineering Council is seeking clarity over the treatment of non-graduate professionally-qualified engineers, and graduates of non-engineering degrees who have achieved registration through individual assessment.

Additionally, in December 2011 the European Commission proposed revisions to the European Directive on Recognition of Professional Qualifications 2005/36/EC which include the introduction of a Professional Card in the form of an electronic certificate. The Engineering Council wishes to understand the impact of this proposal, and how it will relate to the Engineering Card before deciding whether to participate in the FEANI scheme.

For more information about the Engineering Card please see <http://www.engineering-card.de/index.php?id=2477&L=1>

## New President for ENAEE

The General Assembly of ENAEE, the European Network for Accreditation of Engineering Education, has elected Dr. Iring Wasser as its new President. He succeeds Prof. Dr. Giuliano Augusti, who has headed the organisation since its founding in 2006. The new President and newly elected members of the Administrative Council took office as from 1 April.

Dr Wasser is the Managing Director of the German Accreditation Agency for Study Programs in Engineering (ASIIN). His focus will be on fostering ENAEE's visibility and political influence within the European Higher Education Area and beyond, promoting the significance of the European Accredited Engineering Label (EUR-ACE) as a vital instrument to foster academic and professional mobility for European engineers, as well as increasing stakeholder involvement, in particular the European business community.

For more information please see: [www.enaee.eu](http://www.enaee.eu)

## International news from QAA

Following are some news snippets from the March edition of Quality Update International (QUI), a newsletter published by the Quality Assurance Agency. QUI covers information and news relating to higher education and quality assurance around the world:

### National strategy for HE in Ireland

The Irish Higher Education Authority (HEA) has issued three new policy papers detailing guidelines and frameworks for the implementation of the National Strategy for Higher Education set out in January 2011. A key objective of the new measures is 'the creation of a more coherent system of higher education institutions, coordinated by the HEA to deliver the complementary range of institutions and academic programmes needed by individuals, society and the labour market'. For further information please see: [www.heai.ie/en/node/1462](http://www.heai.ie/en/node/1462)

### New ranking of HEIs in Pakistan

A new ranking system for HEIs is being introduced by the Higher Education Commission (HEC) in Pakistan, based on the quality of teaching and research. For further details please visit:

[http://beta.hec.gov.pk/MediaPublication/PressReleases/Pages/HEC%20to%20Announce%20Ranking%20of%20Universities%20\(22-02-2012\).aspx](http://beta.hec.gov.pk/MediaPublication/PressReleases/Pages/HEC%20to%20Announce%20Ranking%20of%20Universities%20(22-02-2012).aspx)

### New methodology for India

India's National Assessment and Accreditation Council (NAAC) is launching a new methodology to assess and rank educational institutions. To read more please visit: <http://ibnlive.in.com/news/methodology-to-assess-educational-institutions/238324-60-119.html>

The QAA newsletter can be found at: <http://www.qaa.ac.uk/International/Pages/Quality-update-international.aspx>

If you wish to join the mailing list please contact [qui@qaa.ac.uk](mailto:qui@qaa.ac.uk)

## World Engineering Forum 2012

The World Engineering Forum will be taking place from 17 to 21 September 2012 in Ljubljana, Slovenia.

Engineers, politicians, researchers, scientists and entrepreneurs from all over the world will gather at the Forum to exchange information and views about the sustainable design and construction of buildings and infrastructure, a major challenge of the 21st century. Special programmes will also be devoted to disaster/risk management and young engineers.

For more information about the event, sponsorship, exhibiting or to register, please visit: [www.wef2012.si](http://www.wef2012.si).

## 'Mother and daughter' first

Suzanne and Emily Flynn from Ayrshire in Scotland are believed to be the first 'mother and daughter' in the UK to both gain Chartered Engineer (CEng) status.

Electrical engineer, Suzanne, is Principal Consultant at Cygnet Solutions Ltd, a professional IT services provider, and became CEng 35 years ago. Daughter Emily, 32, is an RAF Squadron Leader Engineering Officer, who has served in Afghanistan. Both are members of the IET, and Suzanne is also an active and long standing member of WES.

Michelle Richmond CEng, the IET's Director of Membership, said: "Gaining Chartered Engineer status is a massive achievement in its own right. With engineering still a male-dominated industry, Suzanne and Emily join a very select group of females to have successfully achieved the qualification. We are delighted for them."

The full press release is available at: <http://www.theiet.org/policy/media/press-releases/20120216.cfm>



## Career boost for telecoms apprentices

A joint project between the Institute of Telecommunications Professionals (ITP) and BT is enabling newly-graduated apprentices to gain ICTTech or EngTech, paid for by BT. More than 200 BT apprentices will be eligible to apply this year.

The scheme has already won the support of John Chudley, Divisional Director of the National Apprenticeship Service and Associate of the Engineering Council. He said: "Apprentices make an invaluable contribution to the UK economy, bringing a whole raft of benefits to the businesses that employ them. Here at the National Apprenticeship Service, we constantly work to not only promote apprenticeships, but to support those who are involved in them. It is fantastic to see BT and the ITP supporting apprentices in a way that will have real impact on their professional prospects, as they embark upon **their careers with a solid track record of training and achievement behind them.** ICTTech registration recognises all of their hard work and commitment, and enables them to gain an internationally recognised registration and letters after their name, that display their competence in their chosen field."

The full press release is at: <http://www.theitp.org/Press%20Room?id=4842>

## IED awarded Royal Charter

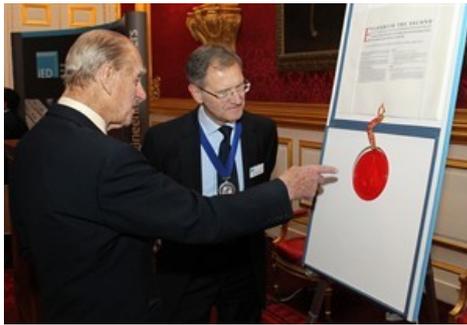
We would like to congratulate the Institution of Engineering Designers (IED) on being granted a Royal Charter in recognition of its work to promote and facilitate the advancement of engineering and product design in both industry and education.

The Charter was officially presented by HRH The Duke of Edinburgh, who has been a Patron of the IED since 1954, to President Sir George Cox at a ceremony at St James's Palace on 23 February 2012.

David Maffin, Chairman, IED says: "This is a momentous achievement, the granting of the Charter confirms the status and professionalism of the Institution and the world-wide significance of the IED, not only to our members but to the wider engineering design community.

"Since inception, the Institution has continually evolved to encompass and support the ever changing needs and abilities of the design industry and to ensure that it remains a relevant and dynamic organisation. The award of the Charter serves to recognise all that has gone before but also to propel us forward to this next chapter in our history."

The IED was established in 1945 and represents those working in the many fields of design engineering. Its members work in a diverse range of industries that span product design, architecture, mechanical and automotive and aircraft design.



HRH The Duke of Edinburgh and IED President, Sir George Cox

## New Director General for IDGTE

Michael Raine has been appointed as the new Director General of the Institution of Diesel and Gas Turbine Engineers (IDGTE).

Mike has worked for the Rolls Royce gas turbine business for over 30 years both in the UK and overseas. During that time he has held several senior positions in Rolls Royce, including that of Engineering Director for their industrial power business.

Former Director General, Peter Tottman, is continuing to play an important role in IDGTE as the Company Secretary.

## The Big Bang Fair: a record year



The Big Bang UK Young Scientists & Engineers Fair exploded into life at The NEC, Birmingham, on 15 - 17 March, making its third year the biggest and best yet. With over three days of wall-to-wall science and engineering shows, activities and workshops, The Fair attracted 56,000 visitors, with young people, their teachers and parents totaling 49,000 – almost doubling last year's impressive numbers.

Over 150 organisations came together to let young people see for themselves the vast range of exciting opportunities available through science and engineering careers, representing an unprecedented partnership between Government, education, industry and the wider science and engineering communities.

Further information is available at: [http://www.engineeringuk.com/viewitem.cfm?cit\\_id=383817](http://www.engineeringuk.com/viewitem.cfm?cit_id=383817)

## Lab in a lorry

A mobile physics lab for young people is currently on a six month tour of the North West. Run by the Institute of Physics (IOP), Lab in a Lorry is designed to inspire the next generation of scientists and engineers, offering 11-14 year olds the opportunity to explore science through specially created interactive experiments.

The on board experiments involve using the properties of light to diagnose sick patients, using sound waves to smash wine glasses, and scattering light to understand why the sky is blue and help identify the real colour of the Sun. The key concepts behind the experiments will be illustrated with examples from everyday life and cutting-edge research.

Staffed by volunteers – all practising scientists and engineers and often provided by STEMNET - the 44 ft lorry is one of two labs that have been visiting schools free-of-charge across the UK and Ireland since early 2005.

The lorry is fitted with three distinct lab areas for groups of up to six children to take part in the hands-on experiments. It aims to reach 6,000 students across the region, from Alsager in the south to Carlisle in the north, all of whom will be introduced to key concepts in physics.

Schools can request a visit from Lab in a Lorry through the website: [www.labinalorry.org.uk](http://www.labinalorry.org.uk) , which also contains information on how to become a volunteer or partner.

## QE prize open for nominations

The international engineering community has been called upon to nominate their peers for the inaugural Queen Elizabeth Prize for Engineering - the biggest and most prestigious prize ever created to celebrate the achievements of today's engineers.

Nominations are now open for the prize, which will award £1 million to the winning engineer or group of engineers responsible for the world's greatest modern engineering advancement which has had a demonstrable benefit for humanity.

As reported in Register News in January, the prize was created last year and aims to become as highly regarded internationally as the Nobel prizes. It will be awarded biennially and the search for the winner will demonstrate the importance of engineering to the fabric of society in every country across the globe.

The eminent panel of judges – leaders in their fields across engineering disciplines, from around the world – is drawn from academics and leaders in industry, who are well placed to assess the importance and impact of engineering innovations globally.

The confirmed judging panel is as follows:

**Prof Frances Arnold**, Chemical Engineer, Professor at Caltech, USA

**Lord Alec Broers** FREng Hon FMedSci FRS (Chair), Electrical Engineer. Past President, Royal Academy of Engineering, UK

**Prof Brian Cox** OBE, Particle Physicist. Royal Society Research Fellow, University of Manchester, UK

**Prof Lynn Gladden**, CBE CEng FREng FRS Chemical Engineer. Professor at University of Cambridge, UK

**Diane Greene**, Director of Intuit, Director of Google, USA

**Prof Calestous Juma**, HonFREng FRS, Professor of International Development and Director of Science, Tech and Globalisation Project, Harvard University, USA

**Prof Hiroshi Komiyama**, Chemical Engineer President Engineering Academy of Japan

**Prof John Hennessy**, Electrical Engineer. President, Stanford University, USA

**Prof. Dr. h.c. Reinhard Hüttl**, President, acatech, Germany

**Nathan Mhyrvold**, Co-founder, Intellectual Ventures, USA

**Narayana Murthy**, Electronic Engineer. Founder, Infosys, India

**Prof Choon Fong Shih**, Mechanical Engineer. President, King Abdullah University of Science and Technology, Saudi Arabia

**Dr Charles Vest** FREng Mechanical Engineer. President, National Academy of Engineering, USA

**Paul Westbury** CEng FREng, Civil Engineer. CEO, Buro Happold, UK

The prize was launched by the leaders of all three of the UK's main political parties, and a message of support was offered by HM The Queen: "Over the past 60 years, I have had the privilege of seeing how engineering developments can make a profound impact on people's lives. I am delighted to lend my support to this prize and I hope that it inspires many more people across the globe to develop life changing engineering creations in the years to come."

Open until 14 September 2012, nominations are encouraged from the public, from engineering and science academies, universities, research organisations and companies around the world. The only restrictions are that you cannot nominate yourself or a member of your family, and the prize will not be awarded posthumously. The winner will be announced at a ceremony in spring 2013. Details of how to make a nomination with conditions of entry can be found on the prize website at: [www.qeprize.org](http://www.qeprize.org).

## Strictly Engineering

The British Science Association is running a new poster competition for engineers called Strictly Engineering. Funded by the Royal Academy of Engineering, the competition aims to challenge the stereotypical view of engineering, highlight what engineers really do and celebrate the contributions made by the profession to the everyday lives of the UK population.

Successful applicants will have the opportunity to be mentored by professional graphic designers and public engagement specialists, through a one day workshop designed to develop their verbal and visual communication skills, and a three day all expenses paid trip to the British Science Festival in Aberdeen to display their poster as part of a special exhibition. Prizes will be awarded for the best posters voted for by the public.

Online applications are open until 16 May and successful applicants will be notified by 30 May.

More information can be found at: <http://www.britishtscienceassociation.org/strictlyengineering>.

## EI calls for awards entries

The Energy Institute (EI) Awards celebrate the very best in excellence and innovation in the global energy sector. They present an ideal opportunity to seek independent recognition for a particular project or an individual person and highlight the contribution and value to society that those working in the energy industry make on a daily basis.

Entries are invited in eight categories:

- Communication
- Community Initiative, sponsored by Nexen
- Energy Excellence, sponsored by Ninox
- Environment, sponsored by E.ON
- Innovation, sponsored by AMEC
- Outstanding Individual Achievement, sponsored by Mott MacDonald
- Safety, sponsored by Shell
- Technology, sponsored by Costain

Entry is free and the deadline for submissions is 29 June 2012. Finalists will be presented with their award in London on 15 November 2012.

For more information, to submit your project or nominate a colleague, please visit: [www.energyinst.org/ei-awards](http://www.energyinst.org/ei-awards)

## Landwards 2012 conference



"Weathering the Perfect Storm – Who do you want in your Lifeboat?" is the title of a Landwards 2012 Conference, taking place on 10 May at Stoneleigh in Warwickshire and hosted by the Institution of Agricultural Engineers (IAGrE).

The conference is for all scientists, engineers and managers involved with the management of energy resources, livestock, water resources and crop production and with an interest in how the sector will introduce innovations to counteract the effects of the "Perfect Storm".

A "perfect storm" of food shortages, scarce water and insufficient energy resources threatens to unleash public unrest, cross-border conflicts and mass migration as people flee from the worst-affected regions.

Further details are available at: <http://www.iagre.org/eventbookpay/iagre2012>

## Nuclear Construction Lessons Learned

The third and final Nuclear Construction Lessons Learned guide on welding has now been completed by relevant members of Engineering the Future.

This and other reports produced by the alliance, as well as select committee evidence and consultation responses, can be found at: <http://www.engineeringthefuture.co.uk/government/>

## Bryan Hildrew - obituary



Bryan Hildrew, who died on 11 January 2012 aged 91 years, will be remembered by many of our readers. A founder member of the Council of Engineering Institutions (CEI), he was elected CEI Chairman in 1981 and worked tirelessly to promote the engineering profession. His outstanding work with the CEI led to his award of a CBE in the 1977 New Year's Honours List.

He was a lifelong member of both the Institution of Mechanical Engineers (IMechE) and the Institute of Marine Engineering, Science and Technology (IMarEST), becoming President of the former in 1980 and the latter in 1983.

Bryan was a perceptive and forward thinking engineer and former Managing Director of Lloyd's Register. He was involved in numerous engineering investigations as well as working on the development programme for the UK's first nuclear submarine.

A more comprehensive biography can be found on the IMechE heritage site at: <http://heritage.imeche.org/Biographies/BHildrew>

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