

Register News

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Welcome



During the first half of the year we have seen much interest in the UK Royal family, from Royal Weddings to HRH The Duke of Edinburgh's 90th birthday. With the Duke being the senior Fellow of the Royal Academy of Engineering, one wonders whether he was able to influence the Queen's Birthday Honours this year, as a relatively high number of registrants were recognised for their contribution to the fabric and wellbeing of our society. Another registrant was recognised by the Duke himself for showing outstanding leadership, ability and enthusiasm throughout his engineering career.

The recent appointment of a new Chairman marks a milestone in the development of the Engineering Council, and follows a decade during which we successfully adopted UK-SPEC and moved towards an era of continuous improvement.

We are currently busy developing the strategic plan for 2012 – 2015 which will set out our direction of travel for the next three years and will help us to prioritise our activity accordingly. More details of this will be available in the autumn.

We wish you all the very best for the summer months and for those who are managing to take a break, we hope it that it lives up to your expectations!

Jon Prichard CEng
CEO, Engineering Council

New Chairman at the helm



We are pleased to be able to confirm that Rear Admiral Nigel Guild CB PhD DEng CEng FEng has taken over as Chairman of the Engineering Council's Board of Trustees.

At the Engineering Council AGM on 19 May he succeeded Professor Kel Fidler CEng FEng HonFIET, who had completed two very successful terms as Chairman, having served on the Board since the creation of the new Engineering Council in 2002. Throughout this period, Prof Fidler led the development and implementation of the UK Standard for Professional Engineering Competence (UK-SPEC), which has gained the respect and admiration of many of the organisation's domestic and international partners.

Rear Admiral Guild said: "I am looking forward to the challenges of the next few years, as we continue the good work of the Engineering Council in ensuring that the competence and commitment of the UK's professionally qualified engineers is recognised as the benchmark that all engineers should aspire to."

Well qualified to take the helm of the Engineering Council as it develops its strategic objectives for 2012-2015, Rear Admiral Guild has been an active member of the Engineering Council Board since 2005, and Chairman of the organisation's Finance, Audit and Remuneration Panel.

Following a career in the Royal Navy spanning more than 40 years, Rear Admiral Guild moved on to new opportunities two years ago. His naval career began in 1966 and he read engineering at Trinity College, Cambridge. A Weapon Engineer Officer, he served at sea in HM Ships HERMES, EURYALUS and HMS BEAVER and on the staff of Flag Officer Sea Training. His shore appointments were mainly in the Procurement Executive, culminating in service on the Admiralty Board as Controller of the Navy. Rear Admiral Guild's final appointment was as Senior Responsible Owner for Carrier Strike, in the Ministry of Defence. At the same time, he also held the post of Chief Naval Engineer Officer.

A Fellow of the Royal Academy of Engineering, the Institute of Marine Engineering, Science and Technology (IMarEST), Institute of Engineering and Technology (IET), Institute of Mathematics and its Applications (IMA) and City & Guilds Institute, Rear Admiral Guild is the immediate Past-President of IMarEST. Since October 2009 he has also been Chairman of the Board of Atlas Elektronik UK Ltd.

Higher National Certificate

Changes to national qualifications frameworks mean that the Higher National Certificate (HNC) and Higher National Diploma (HND) qualifications awarded by Pearson/Edexcel will in future be treated differently from each other under UK-SPEC.

The two qualifications had previously been regarded as being at the same level and were both treated as potential exemplifying qualifications for IEng registration, if accompanied by appropriate further learning. However, the HNC is now placed at level 4 in the framework, while the HND remains at level 5.

The Engineering Council's Registration Standards Committee (RSC) has therefore agreed that the HNC should no longer be listed alongside the HND as a potential exemplifying qualification for IEng. This change applies to HNCs begun on or after 1 September 2010, and does not affect existing holders of these qualifications. This change also applies to Scottish HNCs, which were previously repositioned.

The HNC has been designed to nest within the HND in future and remains a valued qualification providing a basis for progression.

The following documents have been revised to remove the reference to HNCs:

- Regulations for Registration; available at: [/professional-qualifications/standards/uk-spec](#)
- Guidance Note on Further Learning; available (Extranet only) at: [/institution-guidance](#)
- Eligibility requirements on: www.engc.org.uk/ieng

The electronic versions of UK-SPEC, AHEP and the IEng leaflet have also been revised to reflect these changes. The latest versions can be found at:

- UK-SPEC [/ecukdocuments/internet/document%20library/UK-SPEC.pdf](#)
- AHEP [/ecukdocuments/internet/document%20library/AHEP%20Brochure.pdf](#)
- IEng leaflet [/ecukdocuments/internet/document%20library/IEng%20Leaflet.pdf](#)

Other queries or requests for further information should be addressed to Ruth Wright rwright@engc.org.uk

Status of Engineers

Hardly a week goes by without some mention of the status of engineers in the trade press. As its position on the matter hasn't been addressed since the ETB's Licensing Review in 2003, the Board of the Engineering Council has established a working group to consider issues relating to the status and title of engineers. It anticipates that by the end of December 2011 it will have a policy position statement ready for issue, that builds upon and updates the work of the 2003 Licensing Review.

IEng promotional campaign



Following a preparatory phase involving research, discussion and careful planning, the Engineering Council's (EngC) promotional campaign for its Incorporated Engineer (IEng) professional qualification is now well underway. The campaign has been developed together with the Professional Engineering Institutions

(PEIs) to raise the profile of IEng, as well as increasing awareness and understanding of its value to individuals, employers, the profession and society as a whole.

At their request, one of the first priorities has been to involve existing IEngs. As the EngC research has shown how much IEng registrants value their professional qualification and the role it plays in recognising their competence, commitment, and professional standing within the engineering profession, all existing IEng registrants have been sent, through their institution, a special 'logo' designed especially for use with their email signatures. This shows the message 'I am proud to be an IEng' which, as suggested by the research, reflects the pride felt by those who manage to successfully qualify.

Other creative materials and messages have been developed for use in a variety of channels, all based on the same 'I am' theme, which makes strong, clear links between being a professional engineer and being an IEng.

Jon Prichard, CEO of the Engineering Council says "Despite being the professional level at which many practising engineers work, Incorporated Engineer is currently under-represented on our register. At the end of 2010 there were around 238,000 professionally registered engineers, with approximately 188,000 of these holding Chartered Engineer (CEng) status, 36,000 with IEng status and 14,000 registered as technicians.

"From our research we know that a large number of practising engineers have the relevant standards of knowledge and competence to be eligible for IEng, but a large number have not applied, in the main due to the current lack of awareness and understanding."

IEngs are skilled professionals, working in a range of positions across every sector of engineering, and can be defined through their competencies. UK-SPEC describes these as: *Incorporated Engineers maintain and manage applications of current and developing technology, and may undertake engineering design, development, manufacture, construction and operation. Incorporated Engineers are variously engaged in technical and commercial management and possess effective interpersonal skills.*

"Although the focus of this project is on raising the awareness and profile of IEng as the valuable professional qualification that it is, both to individuals and their employers, we do not intend it in any way to be at the detriment of the other levels of registration," adds Jon Prichard. "The campaign is purely setting out to ensure that the value of registration as an Incorporated Engineer achieves the recognition and standing similar to that which is enjoyed by those with CEng status. We would also like to dispel some of the myths that seem to surround IEng, many of which were based on misconception and prejudice.

"In addition, it is important to note that IEng is not only a valuable standalone professional qualification but also part of a progressive structure. We have therefore designed some of the activities to promote Engineering Technician (EngTech) and CEng registration at the same time."

Professional development advice



At the beginning of May, the Engineering Council and professional engineering institutions (PEIs) once again joined a number of leading engineering companies at the National Engineering & Construction Recruitment Exhibition (NECR) in Birmingham.

17 PEIs exhibited alongside the Engineering Council on the 'Professional Development Hub'. The increase in PEI participation meant that more engineering disciplines were covered and a greater number of representatives were on hand to advise visitors about their professional development options, including information about institution membership and professional registration.

Jon Prichard, CEO of the Engineering Council, who also attended on the first day said, "We were pleased that so many of the institutions were able to participate with us at this leading career opportunity forum. The success of the hub is an example of how the community can work together to raise awareness of the importance of professionalism in engineering, both for an individual's own career development and for the profession as a whole.

"Formal recognition of competence is so important for today's engineers, as they need to differentiate themselves and face the challenges of a highly competitive and ever-changing industry. In addition, engineering employers and their clients are increasingly asking for evidence of employee's competence, and professional membership and registration is one of the simplest ways to do this."

"Alongside the range of leading recruiters, the continued support of the Engineering Council and the Professional Engineering Institutions confirms the NECR as the industry's most respected recruitment event," says Scott Bannerman, Director of Venture Marketing Group, that organises the NECR. "By visiting this exhibition, engineers and construction professionals at all levels who were looking for opportunities and advice with regard to career development, were able to find all they needed in one place."

Professional Affiliates seminar

The annual one day seminar for Engineering Council Professional Affiliates was once again held at Weston House in June, providing members with a networking opportunity as well as the chance to meet with members of the Engineering Council management team.

Discussion topics during the morning included the Engineering Council's new strategic plan, risk guidance, the latest developments with the Technician Council, and the recently launched and publicly available database of Technician Qualifications and Programmes.

The afternoon session started with an update on the progress of 'MyPath' - an IT based mechanism for planning and recording IPD and CPD. This was followed by discussion on the status of international activities including the likely developments in the next few years, an update on marketing initiatives, and a look at how the process for professional registration for Professional Affiliate's members might be further developed.

Professional Affiliates are generally membership bodies that do not operate a license to register professional engineers, but who share the goals and values of the other Professional Engineering Institutions. They are an influential group, each of which has furthered the knowledge and understanding of a particular area or aspect of engineering and technology.

The benefits of affiliation, for which member organisations pay an annual fee, include: access to information for staff and members via the Engineering Council Extranet and networks, providing the means to contribute to industry developments; and the opportunity to offer professional registration for their members through an agreement with an existing licensed body. After joining the scheme, several Professional Affiliates have now progressed to licensed status, so that their members can be directly registered as CEng, IEng, EngTech or ICTTech.

More details on the Professional Affiliates scheme can be found at: [/about-us/our-partners/professional-affiliates](#)

For further information on joining please contact abodimeade@engc.org.uk.

First EngTech registrations for IDGTE

One year after being granted a licence to award professional registration, the Institution of Diesel and Gas Turbine Engineers (IDGTE) has now registered its first seven Engineering Technicians (EngTechs) with the Engineering Council.

All seven work for Thames Power Services (TPS), the operator of the 1000MW Barking Power Station and winners of the ROSPA President's Award and QSA Diamond Award. TPS is dedicated to achieving and maintaining high levels of competence amongst its staff and these EngTech registrations exemplify that commitment.

Peter Tottman, Director General for IDGTE says, "We are delighted to have supported these members through the EngTech application process. We have worked closely with TPS, who have demonstrated a high level of commitment to the competence of their staff, to help them achieve this milestone."

The partnership with TPS and the successful outcome shows that, in the power industry, there is a place for the innovative approach taken by IDGTE, and that competence and registration can be achieved by company in-house training arrangements and personal development programmes. In addition to being a career milestone for the individuals, employing professionally registered staff will have numerous business benefits for TPS.

IDGTE now looks forward to employees of its other business partners achieving their first registrations.

Chief Executive Officer of the Engineering Council, Jon Prichard, adds "We were pleased to be able to place these Engineering Technicians on the national register, and hope that they are the first of many for IDGTE."

For more information please visit www.idgte.org

Order of post-nominals

Engineering Council registrants are all entitled to use the post-nominals EngTech, IEng, CEng or ICTTech, and are encouraged to use them as much as possible, eg on email signatures, business cards and letterheads.

Post-nominal, or designatory letters as they are frequently referred to, are placed after the name of a person to indicate that the individual holds a position, educational degree, accreditation, office, or honour. This means that there are a number of sets of post-nominal letters that individuals can earn.

The order in which these should be listed is based on the order of precedence and category of the order. This is dictated by standard practice, although it often varies by region. According to Wikipedia, for the UK the Ministry of Justice recommends the following order:

- Orders and Decorations conferred by the Crown, ie CBE, OBE etc
- University degrees (where more than one, listed in the order of the foundation of the faculty from which they were earned. First degrees should be omitted if a higher degree is shown in the same faculty. However, when the awarding institutions are listed and the degrees are from different universities, lower degrees are included, eg Jo Smith, BA Wales MA London)
- Registrations as practitioners (eg EngTech, ICTTech, IEng, CEng)
- Fellowship or membership of learned societies, academies or professional institutions (for example MInst) (if the individual belongs to more than one, these should be listed in the order of the establishment of the organisation)
- Membership of the Armed Forces

So an example would be: Lieutenant A N Other MBE BEng CEng FEng RN

Certificates are not usually shown but Diplomas may be – inserted after degrees but before professional qualifications.

Further information can be found on: [Post-nominal letters \(United Kingdom\)](#)

Telegraph listings of newly qualified engineers

On the first Thursday of every quarter (March, June, September, December) a list of newly registered Chartered Engineers, Incorporated Engineers, Engineering Technicians, ICT Technicians and European Engineers is published in the Daily Telegraph. Names are listed under the institution through which each individual has become professionally qualified.

These names are also listed on the Engineering Council website: [/professional-qualifications/newly-registered-engineers](#)

The next listing will appear on Thursday 1st September.

IEA meeting Taiwan

The importance of engineering in Asia was illustrated earlier this month by the high profile given to the International Engineering Alliance (IEA) meeting held in Chinese Taipei. The proceedings were opened by the Vice-President of the Chinese Republic of Taiwan, and the Ministers of Education and of Public Works hosted banquets attended by the IEA Council.

The IEA business meetings considered the periodic review of the Engineering Council's implementation of the international register, and agreed to extend the Engineering Council membership of the Engineers Mobility Forum (EMF) for a further six years. The Sydney Accord signatories accepted the Engineering Council dual accreditation of BEng Hons degrees so these degrees are confirmed as being recognised under the Sydney Accord.

Discussions also led to refinements to IEA standards and procedures, supported by the Engineering Council, being adopted. Engineering Council delegates George O'Neill and Graham Woodrow were elected as Chairman of the Dublin Accord and Deputy Chairman of the Engineering Technologists Mobility Forum respectively.

Royal recognition for CEng

The Engineering Council congratulates Eurling Chris Northey CEng IntPE, the Head of Public Health at the BDSP Partnership, on being awarded the Prince Philip Medal from City & Guilds' President, HRH The Duke of Edinburgh. Chris was presented with his Medal at a special ceremony at the annual Prince Philip Medal ceremony at Buckingham Palace in May, before joining Prince Philip for a prestigious lunch at the Ritz.

Chris was awarded the Medal for his outstanding leadership, ability and enthusiasm he has shown throughout his career in the Engineering industry.

At just 17, Chris started as a plumbing apprentice within his family business, John Northey Plumbing and Heating, based in Truro. He continued his training by studying for the City & Guilds Craft and Advanced Craft Certificates in Plumbing before taking an approved plumbing Apprenticeship and studying Building Services Engineering Design and Management.

Once Chris had graduated, he worked in a variety of positions, earning a Graduateship diploma in Engineering from City & Guilds along the way. He became IEng registered in 1999 through CIPHE while working as a Public Health, Senior Engineer with Oscar Faber. In 2006, while employed as the Senior Public Health Engineer with Zisman Bowyer & Partners, Chris progressed to CEng registration through CIBSE.

Aside from his current position heading up the BDSP Partnership, Chris has been Chairman for both the CIPHE's Incorporated Engineer panel and the SoPHE membership panel. In 2010 he was elected as the second Chairman of SoPHE. A Liveryman of the Worshipful Company of Plumbers, Chris is also Chairman of the SummitSkills Professional Bodies Forum. He is a Fellow of CIPHE and SoPHE, as well as a member of CIBSE, IET, IHEEM and IDHEE.

Speaking about his success, Chris said: "It has been a great surprise and shock to me to win the Prince Philip Medal 2011. City & Guilds has always been an important part of my career development from the beginning up to the present day, and I'm honoured to have my work recognised.

"In addition, gaining professional registration as IEng then CEng as my career has progressed, has helped to demonstrate the development of my range of skills, to both my employers and the profession."

CEO and Director General of City & Guilds, Chris Jones said: "City & Guilds firmly believe in the importance of celebrating the achievements of both our current and past learners. It is an incredible honour to be highly commended for the Prince Philip Medals. Chris should be really proud of what he's accomplished and I hope he sees further success in the future".

The Prince Philip Medal was first established in 1962 to honour those who have, in The Duke of Edinburgh's own words, 'travelled the City & Guilds path' and made the most of their talents. Each year, Prince Philip chooses an overall winner and two people who are highly commended.



Queen's Birthday Honours list

The Engineering Council would like to congratulate the following registrants on being recognised in the 2011 Queen's Birthday Honours list:

- Alan Baxter CBE BSc CEng MICE FIMStructE
- Sir Frank Chapman KBE CEng FIMechE
- Prof Richard Darton OBE CEng FICHEM
- Jo da Silva OBE CEng MICE MIMStructE
- David Dossett MBE CEng MIET
- Michael Godfrey OBE CEng MIMechE
- Dr Paul Golby CBE CEng FEngFIMechE FIET
- Terry Hill CBE CEng FICE
- Dr MikeHowse CBE BSc CEng FIMechEFRAeS
- Prof Michael Hughes OBE MSc CEng FIET
- Dr Robert John OBE BSc PhD FEng CEng FIMMM
- Prof Paul Jowitt CBE BSc CEng FICE
- Lt Col Max Joy OBE CEng FIMechE
- Dr Donald Lamont MBE CEng FICE FCIWEM FCIHT
- John Loughhead Esq OBE CEng FIMechE FIET
- Maj Gen Alan Macklin CBE CEng FICEFIInstRE
- Iain Miller OBE CEng FIMechE
- David Newton MBE CEng FIMechE FIET
- Brig Ty Urch CBE CEng FICE FIInstRE

Congratulations also go to Chief Executive of the Energy Institute, Louise Kingham who has been awarded an OBE.

It is encouraging to see public recognition for so many of those engaged with the engineering profession, particularly when promoting the contribution of professional engineers to society.

New KIS to inform students

From September 2012, prospective higher education students will have access to the new Key Information Set (KIS) to help them choose what and where to study.

Under new arrangements published on 16 June by HEFCE, Universities UK and GuildHE, universities and colleges in England will be required to publish a KIS for each undergraduate course they offer. The aim is to provide prospective students and their advisers with accessible standardised key pieces of information so that it is easier to make comparisons about degrees on offer.

One of the pieces of information states which professional body or bodies accredit the degree course, with a link to further detail. This is an important step that will assist the profession in its efforts to ensure greater awareness about degree accreditation and also ensure that the published information is accurate.

The Engineering Council was involved in the HEFCE expert sub-group that considered the parameters for the accreditation statement. Working with the PEIs, the Engineering Council has recently developed brief generic statements defining accreditation and explaining the implications of choosing an accredited degree. These have been welcomed by the PEIs, and are timely as the recent announcement about the KIS states that the wording is to be provided to the university by the accrediting body.

Further details about the KIS are available at: http://www.hefce.ac.uk/pubs/hefce/2011/11_18/

New Director General for ICE



The Institution of Civil Engineers (ICE) has recently announced the appointment of Nick Baveystock as its next Director General and Secretary (DG&S).

An ICE Fellow with a background in the British Army and Ministry of Defence, Nick has extensive experience in leading major programmes in construction, training and change management, as well as commanding regiments on engineering operations.

Nick will be joining ICE on 14 November 2011, undertaking a detailed induction and handover before officially taking over the reins in January 2012. He succeeds Tom Foulkes, who will continue in his role as DG&S until he retires at the end of 2011.

The DG&S role will remain as an externally facing role: engaging ICE members, sharing the Institution's knowledge and expertise more effectively, and raising the profile of civil engineering. Nick will also have overall accountability for leading ICE and Thomas Telford Ltd.

Further information is available on the ICE website, please press [here](#)

New CIHT Chief Executive



The Chartered Institution of Highways & Transportation (CIHT) has announced the appointment of Sue Percy as the Institution's next Chief Executive.

Sue has a strong record in effective partnership working and delivery and has worked for the last five years for the Royal Town Planning Institute, most recently as Director of Professional Services. In addition to leading on the strategic and operational plans for improving and extending services for their members, she has been responsible for Planning Aid England, and is a Director of RTPI's trading company, RTPI Service Ltd.

Prior to joining RTPI, she was Head of the Academic Department of Urban, Environment and Leisure Studies at London South Bank University.

Sue is on the Editorial Board of the International Journal of Urban Sustainable Development, and serves on the steering group of the DCLG's Neighbourhood Planning Frontrunners and earlier as Skills steering group member for the Homes and Communities Agency.

She will be joining CIHT on October 3 and will be undertaking a series of engagements to induct her into the Institution prior to this date. Mary Lewis will continue in her role as Chief Executive until this date.

Geoff Allister (President 2010-11) who chaired the selection panel established by CIHT's Executive Board, said: "We are delighted to be able to appoint Sue Percy, who will bring very valuable skills to the Institution. She will be building on Mary Lewis' achievements over the last 10 years, to develop the Institution's profile, and the reputation of the industry with governments and the nation".

Sue Percy said: "I am delighted to be joining the Institution and look forward to building on the great work that Mary Lewis has led on in recent years. For CIHT members, one of my key aims will be to extend services and champion education and training provision and attainment. I will also be focusing on making sure that the voice of the profession is heard at the highest levels of decision-making and getting out to the branches to meet members is another priority for me".

Interim report on nuclear safety welcomed

The Engineering the Future alliance welcomed the interim report, issued in May, of the UK review of nuclear safety being conducted by Dr Michael Weightman FREng, HM Chief Inspector of Nuclear Installations.

Responding to the report on behalf of Engineering the Future, Dame Sue Ion FREng, said: "Nuclear power is an important part of the UK's energy mix and is likely to remain so in the foreseeable future as we strive to achieve a low-carbon economy.

"We must ensure that lessons are learned and implemented following the incident at Fukushima and the Engineering the Future group is actively supporting the work of the UK review of nuclear safety."

The alliance published a report Nuclear lessons learned in October 2010 looking at the engineering challenges of new nuclear build in the UK, which can be seen at www.raeng.org.uk/nll

The Office for Nuclear Regulation interim report on the implications and lessons learnt for the UK nuclear industry of the nuclear crisis in Japan is available at www.hse.gov.uk/nuclear

The Engineering Council is a member of Engineering the Future, an alliance of professional engineering organisations with a combined membership of 450,000 engineers. The partnership's vision is of a thriving UK economy, based on innovative high-value businesses and industries that build on the UK's strengths and address the grand challenges of the 21st century. Other members of the alliance include EngineeringUK, the Royal Academy of Engineering, as well as The Institution of Civil Engineers, The Institution of Chemical Engineers, The Institution of Engineering and Technology, The Institution of Mechanical Engineers, The Institute of Physics, The Institution of Structural Engineers and The Nuclear Institute.

Be part of The Big Bang 2012

The Big Bang team would like to invite Register News readers to submit an activity for The Big Bang 2012. The Fair will take place at The NEC in Birmingham from 15th -17th March 2012 and with more showfloor space and extra workshop and theatre rooms, it promises to be the best Big Bang yet!

The Big Bang 2011 was a huge success with more than 29,000 visitors over the three days, a 6000 people increase from 2010! With over 110 organisations from across the private, public and voluntary sectors, and reaching out to schools and students across the UK, The Big Bang represents a true partnership of the UK's science and engineering communities. Each year the event aims to engage and inspire young people through interactive and engaging activities, workshops and shows, and in 2011, the headline acts included Sky 1's Brainiac Live!, BBC's Bang Goes the Theory, The Lloyd's Register Educational Trust's Alphabeat show, and the BBC's Wallace & Gromit 'World of Invention' roadshow. The Big Bang also hosts the finals of the National Science & Engineering Competition, which this year saw 303 competitors presenting 155 award-winning science, technology, engineering and mathematics (STEM) projects. Experience The Big Bang 2011 here: <http://www.youtube.com/watch?v=hjVfpRv7-hI>

Exhibiting at The Big Bang 2012 will allow your organisation exposure to over 35,000 expected visitors, including 25,000 young people, so is an excellent opportunity to reach out and inspire the UK's future young scientists and engineers.

For further details please visit www.thebigbangfair.co.uk or email Georgina Goodman, Event Manager on: ggoodman@engineeringuk.com

Ensuring the pipeline of future engineers

On Monday 23 May, the Chief Executive of EngineeringUK, Paul Jackson, joined a number of experts, including Rt Hon David Willetts MP, Minister for Universities and Science, to launch a collection of new ideas about the future of Higher Education.

As part of Blue Skies: new thinking about the future of higher education published by The Pearson Centre for Policy and Learning, Paul Jackson contributed an essay and video addressing the question of whether schools and other routes are producing the right foundations for higher education. His essay "The best way to predict the future is to invent it: ensuring the STEM higher education pipeline" and video can be viewed at: www.pearsonblueskies.com

Further details on the discussion can be found on: http://www.engineeringuk.com/viewitem.cfm?cit_id=383772

Call for sector to wow young people

UK engineering chiefs gathered at the Department for Education on 8 June to discuss what can be done to ensure the talent pipeline and adequately equip young people for the requirements of industry.

Organised by EngineeringUK, Schools Minister Nick Gibb MP addressed a high-level roundtable attended by representatives from EngineeringUK, E.ON, BAE Systems, JCB, Jaguar Land Rover, Ford of Britain, the ODA, GKN, Rolls Royce, ICW UK, the Royal Academy of Engineering and Pearson UK.

With almost half a million engineering enterprises in the UK, employing 4.5 million people, the engineering profession is one of the most significant drivers of the UK economy today. Demand is such that the UK needs to recruit an additional 587,000 workers between 2007 – 2017; however, falling numbers of young people available to work mean that the sector must act now to identify opportunities to attract and retain engineering talent.

For more information please visit: http://www.engineeringuk.com/viewitem.cfm?cit_id=383779

Energy Institute encourages workforce involvement in safety

Good practice in safety across all sectors of the energy industry is of paramount importance. It is generally accepted that engagement with the workforce can lead to safer workplaces as staff become more aware of and involved in mitigating health and safety issues.

With good workforce involvement (WFI), staff, including contractors, are encouraged to take part in the decision making process about managing health and safety in the workplace. However, achieving good WFI requires planned and sustained effort. To support safety managers and leaders in their efforts to implement effective WFI programmes, the Energy Institute (EI) has developed a series of posters and guidance materials to encourage colleagues to contribute to safety in the workplace. The Engineering Council welcomes this initiative.

The UK Health and Safety Executive (HSE) was involved in EI's Human and Organisational Factors Committee (HOFCOM) which developed these new resources. Commenting on the posters, Rob Miles, Head of Human and Organisational Factors, Offshore Division, HSE, says, 'HSE believes that effective involvement of the workforce in how work is planned and executed is a fundamental part of achieving safety goals. The workforce are closest to the risks and have so much valuable experience to contribute on how tasks can be done safely. This is particularly true on some older installations where the operators and management may have changed several times and some unique operational experience can only be found through workforce involvement. We also know that engagement of the workforce through effective involvement underpins the creation and maintenance of a good safety culture.'

To find out more about WFI visit www.energyinst.org/wfi

Women of Outstanding Achievement

Three Chartered Engineers are among seven women to be honoured at the UKRC's annual Women of Outstanding Achievement photographic awards.

At an awards ceremony in May, Professor Dame Ann Dowling DBE, FRS, CEng FREng received the award for Inspiration and Leadership (Academia and Research), Dervilla Mitchell BE, FREng, FIEI, CEng, MICE for Inspiration and Leadership (Business and Industry) and EurIngDrPhebe Mann MA (Cantab), MSc, PhD, CEng, MICE, MRICS, MCIQB, MCI Arb, FHEA, FSA was named Tomorrow's Leader.

The UKRC's Women of Outstanding Achievement Photographic Exhibition is a collection of creative and dramatic portraits that profile outstanding women within science, engineering and technology. These women are regarded as an inspiration to others to represent the successes and achievements of women in these sectors.

This is the sixth year of celebrating the awards and the portraits are displayed in prominent locations in leading SET professional bodies and academic institutions.

Information about the awards and winners is available on the UKRC website: <http://www.theukrc.org/women/women-of-outstanding-achievement>

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