Welcome

I hope that you have all had a good summer and that those of you who have managed to get away for a summer break have come back to work feeling suitably revitalised.

You’ll find this issue of Register News full of information surrounding the activities the Engineering Council has been involved in over the past few months. In particular there are a number of updates for those interested in Apprenticeships and EngTech registration.

There are announcements about the winners of both the Baroness Platt Award for newly registered Incorporated Engineers and the Karen Burt Award for newly registered female Chartered Engineers.

Our international activities have been a key focus during this period and updates on issues that might affect registrants are included below.

In addition to relaunching our three key standards documents earlier this year, we have also updated our ‘pocket guide to professional registration’ (those of you who have worked closely with us over the past few years will no doubt know this better as the ‘pink book’). In an effort to not only keep up with advances in technology, but also become more environmentally friendly, this has now also been produced in a digital version.

The newest addition to our list of publications is ‘an engineering student’s guide to professional registration’, aimed at university students. More details on both documents can be found below.

If there are any topics that you feel Register News is missing, then please let us know on registernews@engc.org.uk. Otherwise enjoy the read.

Jon Prichard CEng FICE FInstRE
CEO

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Pocket guide to professional registration

A new, updated version of the Engineering Council’s popular pocket guide to professional registration (aka the pink book) is now available in hard copy.

The guide has been developed for use by all those working within the professional engineering community and explains the relationship between the many organisations working within this community. It also provides key information about professional registration and has a page on each of the professional engineering institutions.

A new interactive digital version can be found here

To help us keep this updated, please let us know if you spot any inaccuracies by emailing marketing@engc.org.uk
As a complement to our ongoing work to promote Incorporated Engineer (IEng) registration, the Engineering Council has produced ‘An Engineering Student’s Guide to Professional Registration’. Aimed at individuals entering the profession through Higher Education, the leaflet provides students and graduates with information on both IEng and Chartered Engineer (CEng) registration.

It explains why they should aim to achieve professional registration after graduating and which title they should aspire to. A year-by-year action plan has been mapped out to guide them through the process, and weblinks to further useful information are provided, such as details of the professional engineering institutions, the accredited course search and the UK Standard for Professional Competence (UK-SPEC).

Any student interested in pursuing a career in engineering should find that the guide provides invaluable advice on making the all-important transition from graduate to professional.

The student guide has been produced with the assistance of students and professional engineering institution staff, with quotes provided by registrants and employers. It has been designed to complement the institutions’ own literature that might be used to promote membership to university students.

It can be found online here

Hard copies can be ordered from info@engc.org.uk

Paul Bailey rejoined the organisation at the end of July as Deputy Chief Executive / Operations Director. Paul previously worked at the Engineering Council as a Senior Executive from 2004 to 2007, and returns from the Royal Aeronautical Society (RAeS), where he has been Deputy CEO since 2008. In his new role, one of Paul’s key tasks will be to ensure that the Engineering Council’s business improvement programme continues to deliver efficiency and effectiveness to all areas of activity. He will also be responsible for ensuring that a rigorous and supportive licensing operation is maintained for the Professional Engineering Institutions.

Further information can be found here

Lucy Price joined the Licensing team on 4 August as Licensing Executive. She previously worked in the Certification department of Bureau Veritas, and therefore has a background in Quality and auditing practice. She has also volunteered extensively at a number of different charities, including the Prince’s Trust. Lucy will be working with a number of institutions to help ensure that they are meeting their licence requirements, through workshops and reviews.

Get In. Go Far

In August the Government and top employers launched a campaign calling on young people to ‘Get In. Go Far’ by choosing an apprenticeship. This coincided with the introduction of the Phase 2 Trailblazer Apprenticeship standards. The campaign features real apprentices in varied sectors giving their thoughts on their experiences. The apprentices, shown in the adverts taking selfies in their places of work, appear on TV, posters, digital channels and in print media. Engineering apprentices and companies are part of the campaign.

For further information please click here

For more information about the reforms and the Trailblazers, including elements that are common to all apprenticeships, go here

For a list of engineering and construction apprenticeships, please click here

National Apprenticeship Week 2015

Next year’s National Apprenticeship Week is scheduled to run from Monday, 9 March to Friday, 13 March.

Co-ordinated by the Skills Funding Agency, the week will include hundreds of events and activities across England. Employers, apprentices, business support organisations, learning providers, colleges and schools across the land are being encouraged to support the week by hosting activities to showcase the achievements and benefits of Apprenticeships.

For information, please visit the Apprenticeships website by clicking here
During the summer, the new ‘Engineering Council Approved Qualification’ logo was introduced. This is designed to support Awarding Organisations in promoting their link to EngTech or ICTTech professional registration. The logo can be displayed on materials directly associated with the approved qualification and on associated website pages.

Awarding Organisations that offer relevant qualifications are encouraged to seek formal approval from professional engineering institutions, ensuring that their learners can apply for professional registration more readily.

The logos can be downloaded from [here](#).

Approved qualifications are listed on the Engineering Council’s website [here](#).

**CIPHE research into Plumbing and Heating Apprenticeships**

The Chartered Institute of Plumbing and Heating Engineering (CIPHE) and SummitSkills have launched a report on Apprenticeships and Professional Recognition in the plumbing and heating industry.

Around 800 individuals, employees and owner/directors of business across the plumbing and heating sector took part in the research, which explored how the present apprenticeship system for the plumbing and heating sector is working. One of its aims was to identify support amongst micro SMEs for professional recognition, such as Engineering Council registration.

Key findings include:

- 98% of respondents think it is important that the plumbing and heating industry should collectively promote career progression;
- Over 83% think apprenticeships should lead towards registration with Engineering Council at EngTech level;
- 97% think it is important for the industry to recruit more apprentices;
- Only 40% think that the current qualification system is fit for purpose and meets the needs of apprentices, employers and the industry as a whole.

It is hoped that the findings of the research will help in developing a new, employer-led ‘Trailblazer’ Apprenticeship for the industry.

Kevin Wellman, Chief Executive of the CIPHE said: "The response from industry has been overwhelming and I commend all those who have participated so far in this important research. It recognises the need for meaningful apprenticeships and the value of professional recognition."

**Skills Alliance for Electricians (SA4E)**

The Skills Alliance for Electricians (SA4E) has recently produced new Guidance for Building Control Bodies. The Guidance incorporates a qualification and competence risk indicator, which can be used by Building Control Bodies to assess the level of confidence they can place in the individual to undertake the work competently and safely, and as a result the degree of supervision and inspection they should exercise.

SA4E comprises representatives of the Institution of Engineering and Technology (IET), the Joint Industry Board for the Electrical Contracting Industry, the Electrical Contractors’ Association, Unite the union, SummitSkills, the Engineering Council and the Highways Electrical Association, who worked together with the Building Control Alliance to produce the Guidance.

Building Control Bodies interested in booking an information seminar at their site may contact the IET directly: [electechs@theiet.org](mailto:electechs@theiet.org)

The guidance document can be downloaded from [here](#).

**Unionlearn Technician pathways**

Unionlearn, the learning and skills organisation of the Trades Union Congress (TUC), is leading a two-year project entitled ‘Technician pathways’ promoting the trade union role in delivering professional registration for technicians working in Science, Technology, Engineering and Mathematics (STEM), covering key sectors such as: Energy, Education, Healthcare and Manufacturing.

It will also work in partnership with the Engineering Council and the Professional Engineering Institutions to promote the professional standing of technicians, recognising the valuable contribution they make both to the economy and to our lives more broadly.

The primary aim of the project is to develop positive and sustainable relationships between the profession, trade unions, employers and others with a view to encouraging and supporting more workers to take up technician registration.

For more information, please click [here](#).
EngTechNow workshops piloted

The EngTechNow team has now launched its pilot workshop programme with Champion Employers. The workshops are kept small, with groups of technicians broken into threes and fours. Each group is then assigned a competence under UK-SPEC and are helped to consider how they satisfy the requirements in the context of their own experience.

The first of this model of workshop involved 13 technicians working at E.ON and resulted in 18 registrations being submitted at a follow-up event – with those involved encouraging colleagues to give it a try too.

Workshops are now underway, with E.ON, BAM Nuttall, BAE Systems, Amey and WSP, while timetables are being discussed with other Champion Employers.

To find out more about EngTechNow please click here

Platt Award 2014 winner announced

Squadron Leader Hazel Reed BSc (Hons) IEng AMRAeS RAF was announced as the recipient of the Baroness Platt of Writtle Award 2014, presented by the Worshipful Company of Engineers. This is a prestigious annual national award that recognises the achievements of a newly registered Incorporated Engineer (IEng). Hazel was presented with a prize of £1000, a medal and certificate at the Annual Awards Dinner of the Worshipful Company of Engineers, which took place in July.

Nominated by the Royal Aeronautical Society (RAeS), Hazel was judged against 18 other candidates from six Professional Engineering Institutions, who had nominated some outstanding engineers from the 1,356 individuals who achieved IEng in 2013.

Hazel started her career in the Army but was commissioned as an engineer in the RAF and is now in a senior staff post. She has 15 years’ experience, mostly in the maintenance of aircraft, progressing from work as a technician on Gazelle and Lynx helicopters to responsibility for up to 110 technicians.

The judges were impressed by Hazel’s strong commitment to the engineering profession, both as an active member of RAeS and her encouragement of engineering as a profession for women through her work as a Guide Leader. At interview, she showed practical ability to solve engineering problems together with examples of her attention to quality, logistics, development of people and health and safety of her team, and the ability to operate effectively with personnel at all ranks in the RAF.

Further information on Hazel’s award is available here

All individuals registered as IEng during 2014 will be eligible for the Baroness Platt of Writtle Award 2015, early in the New Year. Professional Engineering Institutions can nominate up to five candidates who have achieved IEng status during 2014. Nominees should, in the view of the institution, have displayed outstanding commitment to the engineering profession, have excellent communication skills and have demonstrated management qualities. Please click here for further details.

WES Prestige Lecture and Karen Burt Award

On 29 October 2014 The Women’s Engineering Society (WES) is hosting a Prestige Lecture given by Professor Ann Dowling DBE ScD FRS FREng, followed by the presentation of the Karen Burt Award 2014 for the best newly qualified Chartered Engineer (CEng), which goes to Elaine Greaney.

The prestigious annual Karen Burt Award is now in its 16th year. It recognises the candidate's excellence and potential in the practice of engineering, highlights the importance of Chartered status, as well as offering recognition to contributions made by the candidate to the promotion of the engineering profession.

Elaine Greaney, nominated by the Institution of Engineering and Technology (IET), is a lead Systems Engineer for Qinetiq, working on electric systems for spaceflight. One of the projects that Elaine is proud to have worked on is the thruster design for the European Space Agency’s mission to send a spacecraft to the planet Mercury in 2016, where she worked with a team of six engineers. Elaine’s ambition is to be the lead engineer for a large spacecraft mission. She is also a keen promoter of engineering to the next generation, and regularly acts as a role model at STEM careers events at local schools and events organised by the IET.

Professor Dowling, Patron of WES, will talk about her engineering research work giving a lecture entitled 'Towards a Silent Aircraft' and will also give some insights into her historic Presidency of the Royal Academy of Engineering as the first female President.

The event is free, but booking is required. Please click here to book

Licensing news

In addition to maintaining the UK register of professional engineers and technicians, a key role of the Engineering Council under its Royal Charter is to grant licences to Professional Engineering Institutions. Gaining a license shows that they meet certain criteria, and allows them to:

- assess applicants for inclusion on the Register, ensuring that each candidate satisfies the requirements of the relevant sections of UK-SPEC
- accredit academic courses and employers’ professional development schemes.

The Engineering Council also approves organisations as Professional Affiliates. These are societies with an engineering interest who are closely associated with, but not actually licensed by, the Engineering Council. They are an influential group, each of which has furthered the knowledge and understanding of a particular area or aspect of engineering and technology.

Responsibility for licensing and approvals falls to the Engineering Council’s Quality Assurance Committee (QAC), whose activities are administered by the organisation’s Licensing department. Licences are generally granted for five years. Between each licence renewal, regular contact and interim reviews ensure that the Engineering Council is aware of significant changes, good practice is identified and communicated, and any concerns are addressed at an early stage.

This peer review process is carried out by a pool of volunteers nominated by the Professional Engineering Institutions.
The volunteers serve on QAC and chair review panels or act as Liaison Officers. They maintain close contact with their nominated Institution as observers on committees, at interviews or accreditation visits as well as attending other activities. All volunteers also attend regular Engineering Council training sessions and seminars to ensure that they have appropriate expertise and experience and are kept fully up to date.

Fundamental to the volunteers’ role is an ability to develop working relationships with Professional Engineering Institutions to assist and support in the implementation and maintenance of standards, facilitate improvement and exchange of best practice and ensure effective communication with other professional bodies as well as the Engineering Council. Issues discussed by volunteers with institutions and Engineering Council staff where appropriate are regarded as confidential and protected accordingly.

Renewal of licence: At the July meeting of QAC a five year licence to award EngTech, IEng and CEng was renewed for the Institute of Healthcare Engineering and Estate Management (IHEEM).

New Professional Affiliate approved: At the same meeting, the committee approved the Permanent Way Institution (PWI) as a new Professional Affiliate for a period of five years. With more than 2,500 members worldwide and founded in 1884, PWI aims to provide technical knowledge, advice and support to all those engaged in rail infrastructure systems worldwide. Members are either actively involved in the rail industry, retired or have a general interest in rail infrastructure engineering.

Further information on PWI is available [here](#)

For further information on licensing and approval please contact Brian Cameron, Licensing Manager, on [bcameron@engc.org.uk](mailto:bcameron@engc.org.uk)

**Queen’s Birthday Honours List 2014**

We would like to congratulate the following Chartered Engineers, who have been recognised in the Queen’s Birthday Honours list:

**KB:**
Mr Philip Graham Dilley CEng FICE MIStructE
For services to Consulting Engineering

**CBE:**
Cdre Keith Andrew Beckett RN CBE CEng FIMarEST
For services to the Armed Forces

EUR ING Richard James Coackley CBE CEng FICE FCIWEM
For services to Civil Engineering

Prof Robert Anthony Cryan CBE CEng FIET
For services to Higher Education

Dr John Harris Robinson CBE CEng FICHE FREng
For services to Engineering and Charity

**OBE:**
Mrs Sue Dunkerton OBE CEng FIMMM FIWeldI
For services to Health and Engineering

Mrs Dorothy Helen Hatfield OBE CEng FRAeS
For services to Engineering

EUR ING Isobel Anne Pollock OBE CEng FIMechE
For services to Mechanical Engineering

**QAA engineering subject benchmark statement review**

The Quality Assurance Agency (QAA) has been undertaking a review of its engineering subject benchmark statement and has now launched a consultation on the revised version. Comments are now invited through an online survey.

As before, the academic standards expected of engineering graduates are the same as the learning outcomes for graduates of Engineering Council accredited degrees, as set out in the Accreditation of HE Programmes handbook (AHEP). Therefore a separate list of standards is not provided in this benchmark statement. In line with QAA’s remit, the benchmark statement applies to all engineering degrees, not only accredited programmes.

The consultation will be open until 25 November 2014.

More information can be found [here](#)

Consultation responses should be submitted using the following form, which can be found [here](#)

**Flexible 90% mortgage for professionals**

Scottish Widows has developed a Professional Mortgage that registered engineers are entitled to, allowing up to 90% of the purchase price or valuation of the property - whichever is lower - to be borrowed.

More information can be found [here](#)

**International news**

**International Relationships Map**

Our website now features an interactive map showing partner organisations worldwide, with information about regulation and registration systems in each country. Clicking on a highlighted country will reveal a pane with information about professional engineering organisations. This information will be expanded over time. Users who have relevant information that might usefully be added are invited to send this to [international@engc.org.uk](mailto:international@engc.org.uk)

The map, which uses ammap software and requires a browser such as google chrome or Internet Explorer 10, can be found [here](#)
The International Engineering Alliance met in Wellington, New Zealand from 9-13 June 2014. Over five days of meetings, ten workshops were held to discuss issues including a proposal for an International Engineering Technician Agreement, how the Engineering Education Accords should respond to developments in transnational education, and how different member organisations approach professional registration of engineers who do not hold an exemplifying academic qualification.

The Sydney Accord, which relates to IEng type programmes, welcomed the Institute of Engineering Education Taiwan (IEET) into full membership, bringing the number of signatories to 10.

Following successful reviews, the Institution of Engineers Sri Lanka (IESL) and the National Board for Accreditation of India (NBA) were admitted to full membership of the Washington Accord. As IEET and IESL accredit programmes based on graduation year, recognition will apply for cohorts graduating from 2014. For NBA, recognition will apply to accredited programmes at Tier 1 universities. Like the Engineering Council, NBA accredits programmes based on intake year, so students who start an accredited programme from June 2014 will be able to request recognition when they graduate.

The Peruvian Instituto de Calidad y Acreditación de Programas de Computación, Ingeniería y Tecnología (ICACIT) became the first Latin American organisation to join as a Provisional Member of the Washington Accord, joining organisations from Bangladesh, China, Pakistan and the Philippines in working towards the Accord benchmark. The Engineering Council congratulates its new partners on their achievement and looks forward to working with them in the coming years.

25th anniversary of the Washington Accord

In June 2014 the Washington Accord celebrated 25 years of promoting graduate mobility and recognition through global standards and best practice in accreditation.

The six founding signatories have been joined by organisations from Chinese Taipei, Hong Kong, India, Japan, Korea, Malaysia, Russia, Singapore, South Africa, Sri Lanka and Turkey, and provisional signatory organisations from Bangladesh, China, Pakistan, Peru and The Philippines (see above).

A commemorative booklet has been published here.

100 years of professional engineering in New Zealand

The Institution of Professional Engineers New Zealand (IPENZ) is celebrating its 100th anniversary in 2014 with a programme of events and the publication of An Evolving Order: The Institution of Professional Engineers New Zealand 1914–2014 by Peter Cooke. This tells the story of the country’s engineering profession and includes the highlights, challenges, politics and disasters which have shaped the profession to the present day. The Engineering Council congratulates IPENZ on this milestone and wishes it continuing success for the next century.

The full press release can be found here.

EUR-ACE® Label

The Engineering Council is going through a periodic review to continue its status as an agency authorised to issue the EUR-ACE label at Bachelor and Master level. It is currently authorised to issue labels to CEng accredited programmes. Several UK universities have joined the scheme in the past year, with over 90 new labels awarded in recent months.

The EUR-ACE Label is a product of the European Network for Accreditation of Engineering Education (ENAEE), which promotes a common approach to accreditation of engineering degree programmes, including comparable learning outcomes. It enables employers and university admissions officers to easily recognise equivalence of engineering programmes from other countries. The label is not limited to programmes delivered at European universities and there is growing interest from further afield.

The number of authorised agencies has also swelled to 13, with FINEEC (Finland), KAUT (Poland) and ANECA (Spain) among those recently admitted.

A database of EUR-ACE labelled programmes and details of the EUR-ACE Framework Standards, can be found on the ENAEE website.

Universities interested in applying for the label will find information here.
Recognition of Professional Qualifications in the EU

European Directive 2013/55, which updates Directive 2005/36 on Recognition of Professional Qualifications, has now entered the implementation stage. The Engineering Council has participated in focus groups on implementation of the European Professional Card (EPC), run by the European Commission (EC). The EPC is intended as an electronic certificate to be exchanged between designated Competent Authorities and will only be introduced at the initiative of the profession concerned. The EC evaluates proposals against three criteria:

1. there is significant mobility or potential for significant mobility in the profession concerned
2. there is sufficient interest expressed by the relevant stakeholders
3. the profession or the education and training geared to the pursuit of the profession is regulated in a significant number of Member States.

Five professions have now been selected to develop the first suite of EPCs. These are nurses, pharmacists, physiotherapists, mountain guides and real estate agents.

The UK department of Business Innovation and Skills is consulting on transposition of the new Directive. This is an open consultation that can be found on the gov.uk website here.

FEANI Engineering card

We receive a number of expressions of interest in the FEANI Engineering Card through FEANI’s online request system. There is often confusion about the relationship between the FEANI Engineering Card and the European Professional Card. FEANI’s card is issued as a ‘hard card’ backed up by a data file, and is designed to be used by engineering graduates, employers, clients and other interested parties, whereas the European Professional Card will be an electronic certificate that is only accessible to Competent Authorities. In many EU member states, the Competent Authority is a government department, rather than an independent professional body.

The EU Commission has decided not to include the engineering profession in the first tranche of users of the European Professional Card. A decision will be taken as to whether it will be included in a future tranche in due course.

At present the Engineering Council has not joined the FEANI Engineering Card scheme as the current criteria restrict it to those with an engineering degree awarded in the country where the card is being issued. This would exclude many registrants, including those with cognate degrees, those who gained their academic qualifications outside the UK and those who achieved registration through experience-based routes.

By contrast, admission to FEANI’s European Engineer Register and the EUR ING title is open to those who can demonstrate appropriate professional experience and competences. It also requires commitment to abide by the FEANI position paper on Code of Conduct: Ethics and Conduct of Professional Engineers, which can be found here.

Some people who are eligible for the Engineering Card will therefore not be eligible for EUR ING, while some EUR INGs will not be eligible for the Engineering Card.

EC Points of Single Contact

The European Commission (EC) has developed a useful website tool for anyone wishing to set-up a new business, explore new business opportunities or to expand their business in any European Union (EU) country. The "Points of Single Contact" (PSCs) are online e-government portals that allow visitors to find out about the rules, regulations and formalities that apply to service activities. All necessary administrative procedures can also be completed online, alleviating the need to go to the individual offices of different authorities in different countries.

The PSC can be found here.

EngineeringUK news

National roll out for Tomorrow’s Engineers

Tomorrow’s Engineers wants every child to understand the variety, excitement and opportunity presented by a career in engineering, with an equal numbers of girls and boys aspiring to become an engineer, so that UK employers get the engineers they need. By giving everyone between 11 and 14 at least one engineering experience with an employer we can help them make the connection between school work and career possibilities.

Supporting and coordinating the work of employers working with schools will improve the impact of existing outreach activity and so, following pilots in the north east and south east, preparations are in train for a national roll out of the Tomorrow’s Engineers programme.

The Tomorrow’s Engineers support for employers will include a schools database which provides a heat map of engineering careers activities across the country, excellent careers information and an evaluation scheme which enables employers to benchmark their interventions against national data.

If your company is working with schools and would like to be part of a national network that will inspire young people and create the next generation of engineers, contact Sarah Devonport to find out how: sdevonport@engineeeringuk.com

Easy ways to put engineering on the map

There is already a lot of activity planned for this year’s Tomorrow’s Engineers Week, from 3-7 November. The online toolkit provides details about how you can get involved. Even with just a few minutes to spare you can be part of Tomorrow’s Engineers Week.

- Complete and/or circulate a survey
  - Young engineers survey – for engineers under 30, looking at job satisfaction and other aspects of working life
  - Employer survey – for HR and senior managers, looking at collective commitment of employers and partners to promoting engineering careers.
- Tag an event

Look at your diary for Tomorrow’s Engineers Week and if there is anything that celebrates everyday engineering heroes or helps inspire the engineers of the future, put it on the map!
Engineering skills funds

The Department for Business, Innovation and Skills (BIS) has made its first two calls for engineering skills proposals for funding. Both funds are open until 5 December. A further £10m will be made available in the autumn to develop engineering skills in smaller companies.

Improving engineering careers (£10m)
This fund is open to employers and is for skills training outcomes that are additional to an employer’s current activity. It can be used for:

- **Career Progression** enabling those currently in engineering occupations to move forward in their careers or
- **Conversion training** allowing people to transfer from other occupations into engineering to fill skills gaps and to increase talent pipeline.

Funding will be available for 50% of training costs. The usual place of employment of all employees being trained must be at a location in England. The minimum grant that will be offered is £40,000 the maximum is £1.6m.

For more information please click here

Developing Women Engineers (£10m)
This fund is open to employers and can be used for:

- **Career progression** enabling women currently in engineering occupations to move forward in their careers or
- **Conversion training** allowing women to transfer from other occupations into engineering to fill skills gaps and to increase the talent pipeline.
- **Returner training** enabling women to return to engineering after a career break or a period of employment outside the engineering profession.

It can also cover specific actions which may encourage women to return to, or remain in engineering and seek progression. These could include, for example:

- Training programmes to help them into apprenticeships; this could include for example pre-apprenticeship level 2 provision to prepare for an engineering apprenticeship programme;
- Mentoring and support to help women returning to engineering, or progressing their career;
- Tailored training to meet specific personal and career needs;
- Management and leadership skills.

Funding will be available for up to 50% of the costs of training.

For more information please click here

Advanced Manufacturing and Engineering Leadership Academy
An ‘Advanced Manufacturing and Engineering Leadership Academy’, run by everywoman, will take place on Thursday 13 November 2014 at the Royal Academy of Engineering headquarters in London.

With a key focus on nurturing the development of female talent, the Academy will focus on personal development – an essential consideration for any woman wishing to advance her career.

The motivational speaker will be Sally Kettle - the first woman to row the Atlantic Ocean, twice from East to West. In addition, attendees will:

1. **Be inspired** - hear from and meet inspirational role models from the sector. This isn't a theory based day - they will get practical tips and tools to implement right away
2. **Build networks** - a must for anyone wishing to advance their career - in a relaxed yet informative atmosphere
3. **Gain practical skills** - with masterclasses showing attendees how to communicate more effectively and how to drive their career progression.

Founded in 1999, everywoman is a global membership organisation that champions the advancement of women. Members include companies looking to develop and retain a pipeline of female leaders, and women who are looking to advance themselves in organisations or their own business.

Please click here for more information and to book a place.

BCS announces new Group CEO
BCS, The Chartered Institute for IT (BCS), has announced that Paul Fletcher FBCS has taken up the role of Group Chief Executive Officer from 1 September following the retirement of David Clarke MBE at the end of June.

Paul joined the Institute from RM plc where he was Group Managing Director, Education Technology. He has 25 years’ experience in technology and education and began his career with Messier Dowty Limited, moving to KPMG Consulting and A T Kearney before joining RM plc in 2005.

Paul says of his appointment: “I’m delighted to have been offered this position with BCS, The Chartered Institute for IT. It’s an honour to inherit the legacy that David Clarke has established; the Institute is a globally respected organisation. I’m very much looking forward to working alongside employees, members, Trustee Board and Council to ensure that the Institute remains relevant to all.”

For further information please click here
New face at the helm for ICME

Tim Baron IEng FICME has been appointed as the new chief executive officer of the Institute of Cast Metals Engineers (ICME).

In his new role, Tim has been tasked with further developing the organisation’s training and professional development activities. He is also eager to improve the image and professional status of the people associated with casting production.

A long-standing ICME member, Tim has worked in recent years with the Institute to tackle the need for improved professional and vocational training for those working in the casting industry at all levels. Tim benefited from an apprenticeship as a foundry technician himself, and is looking forward to the challenges of developing training for foundry apprentices.

For further information, please click here.

EI guide to energy efficiency regulation

The Energy Savings Opportunity Scheme (ESOS) is the UK Government’s response to implementing Article 8 of the EU Energy Efficiency Directive, which mandates energy assessments for large organisations. ESOS will affect thousands of organisations that operate in the UK with 250+ employees, or with an annual turnover and balance sheet of €50m and €43m respectively. To help organisations understand and comply with this new regulation the Energy Institute (EI) has published a free guide.

Implementing energy efficiency is a win-win combination for organisations – saving them both energy and money, while contributing to lowering carbon emissions. It is hoped that ESOS will promote the benefits of energy efficiency in the minds of senior management and kick-start a step change in the implementation of energy efficient measures in business.

The guide can be found here.

The Government’s guide to ESOS is here.

Brunel heads list of top 20 engineering heroes

The QE Prize team ran a Twitter survey during August, asking their followers to vote for their top ten engineering heroes. Some interesting names appeared, including three women. The only individual from today who made the top 20 is Tim Berners-Lee, one of the five winners of the first QE Prize.

The top 20 list can be found here.

Celebrating Women Engineers

To mark the 100th anniversary of the start of Britain’s involvement in WW1 on 4 August this year, the IET created a wallchart illustrating how women played a significant part in WW1 as engineers and how the IET and the Women’s Engineering Society continue to support women in engineering today.

The wallchart can be downloaded from here.

Engineering Happiness

For the few Register News readers who might not yet have seen this, civil engineers from ICE London, who are behind some of the city’s most iconic infrastructure projects, have put on their dancing shoes to show the public – young people in particular – how happy they are to be engineers. The YouTube video also helps to demonstrate the diverse and exciting careers on offer through choosing maths and science subjects at school.

The video can be viewed here.

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