



Institute News

Editor: Jonathan Baillie
jonathan.baillie@stepcomms.com

Technical Editor: Mike Arrowsmith
BSc(Hons), CEng, FIMechE, FIHEEM

Business Manager: Nick Carpenter
nickcarpenter@stepcomms.com

Business Manager online: Chris Vincent
chrisingent@stepcomms.com

Publisher: Geoff King
geoffking@stepcomms.com

Publishing Director: Josh Taylor
joshtaylor@stepcomms.com

Journal Administration: Kate Phillips
katephillips@stepcomms.com

Journal Design: Dave Woodall
Ray Ecclestone

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The Institute of Healthcare
Engineering and Estate Management
2 Abingdon House,
Cumberland Business Centre,
Northumberland Road
Portsmouth, Hants PO5 1DS
Reg Charity No 257133
Tel: 023 9282 3186
Fax: 023 9281 5927
Email: office@iheem.org.uk
Web: www.iheem.org.uk

President: Greg Markham BEng (Hons),
CEng, FIHEEM, MIET, MBIFM

Chief Executive: Julian Amey MA, FRSA
julian.amey@iheem.org.uk

Accounts Manager: Annabelle Morgan
annabelle.morgan@iheem.org.uk

Recruitment/Membership Manager:
Chris Parker
chris.parker@iheem.org.uk

Administration Officer: Jolene Tebbey
j.tebbey@iheem.org.uk

Membership Officer:
Clair Wilkins
clair.wilkins@iheem.org.uk

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'Compelling programme' will address key issues

A 'compelling free programme of events examining some of the key issues impacting on the estates departments responsible for maintaining and running hospitals efficiently', with five dedicated areas and theatres on the exhibition floor providing content over the two days of Healthcare Estates, run in conjunction with 'partners' including the BRE, the Construction Industry Council, the Carbon and Energy Fund, Architects for Health, the National Association of Healthcare Fire Officers, and the Design in Mental Health Network, are promised for this year's flagship IHEEM annual event in Manchester.

While the full details for each 'area' on the exhibition floor will be finalised soon, and announced along with the full Healthcare Estates 2014 conference programme in June, among the theatres and other exhibition features planned are:



Healthcare Estates

The Energy & Sustainability Theatre

In 2013 Healthcare Estates introduced the Energy Zone, which included a dedicated theatre anchored by the Carbon and Energy Fund (CEF). Show director, Steve Webb, explained: "We are building on this success in 2014, with the programme for this Theatre being

developed by two real 'heavyweights' from the healthcare sector in the CEF and BRE." Day one will focus on Energy, and feature presentations from the CEF and its framework, while Day Two, focusing on Sustainability, will see presentations from BRE and selected exhibitors.

Contractors' & Architects' Theatre

'Back by popular demand' is the Contractors' & Architects' Theatre, now in its fourth year. Across both days leading architectural firms (including Stantec and ADP) and contractors will showcase recent or current projects. The theatre will also see

Comment

Is 'value engineering' really valuable?

'Value engineering' is a phrase many readers will recognise. Wikipedia defines it as "a systematic method to improve the 'value' of goods or products and services by using an examination of function", but several participants in a recent joint IHEEM and Building and Engineering Services Association (B&ES) roundtable event in London were sceptical, arguing that, too often, 'value engineering' can see features originally designed into new or refurbished healthcare facilities to enhance their operation and efficiency, reduce their running costs, and enable them to provide better services, 'driven out' on cost grounds, with insufficient thought about the impact on the overall 'quality' of the finished building.

The roundtable saw senior personnel from NHS Trusts, building services engineering companies, architectural practices, construction companies, and the energy sector, debate 'why so many healthcare buildings disappoint their owners and occupants'. Much of the debate centered on the problems caused by 'inadequate

management of the commissioning process'. Among the conclusions (see the first part of a two-part report, pages 33-37) was that building and engineering services contractors are often involved too late in the design/construction process to make a difference. Participants also agreed that the skills and expertise required to be an effective NHS client-side project manager are underestimated, and that a lack of contractor/sub-contractor involvement post-handover may see a new healthcare facility not efficiently or cost-effectively operated and maintained longer term.

The roundtable participants sought not only to determine why poor commissioning had become such an issue, but also to identify some potential solutions. IHEEM's CEO, Julian Amey said: "Far from being just a talking shop, events like this provide an excellent opportunity to come up with concrete proposals and ideas that can have a major impact in enhancing the standard of modern healthcare buildings."

Jonathan Baillie
Editor



presentations from Architects for Health and the Construction Industry Council, and workshops, software demonstrations, and networking events held, and case studies presented. A number of Building Information Modelling-specific sessions will also be staged.

Construction Industry Council BIM Area
New at Healthcare Estates 2014 will be the Construction Industry Council BIM (Building Information Modelling) Area, a networking area adjoining the Contractors' & Architects' Theatre, managed by the Construction Industry Council, and supported by Architects for Health.

Mental Health plus Fire & Security Theatre
Another new exhibition feature at this year's show is the Mental Health and Fire & Security Theatre. On day one the programme will be led and delivered by the Design in Mental Health Network and exhibitors. Day two will see presentations from leading organisations in the fire and security sectors, including the National Association of Healthcare Fire Officers (NAHFO).

NHS Feature Area
Steve Webb said: "Again new for this year is the NHS Feature Area. We are inviting NHS Trusts to profile current projects to their peers and interested individuals. The area will feature up to 12 current projects, and will have both a static display area, and an interactive area (all complimentary to the Trust). Here visitors will be able to hear from those 'at the sharp end' of new-builds or refurbishments." For more information on any of the exhibition theatre features, contact James Lee. T: 01892 518877, or email: jameslee@stepex.com



The new-look website.



'More content'

This year's Healthcare Estates Conference & Exhibition will have 'even more content, a larger exhibition, and increased delegate numbers'. Steve Webb said: "We are confidently predicting a continued growth in visitors. Interest in the healthcare sector, and consequently in the show, is at an all-time high. With a General Election just seven months away when the show opens, healthcare will once again be thrust into the spotlight. Healthcare Estates will take place at an ideal time to discuss some of the key proposed policies."

'Early birds' can save

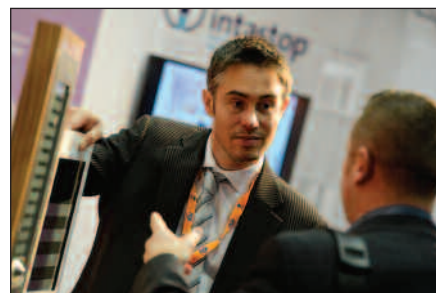
Step Exhibitions opened registration for the show, which takes place from 7-8 October at Manchester Central, and will be themed, 'Quality in the Patient Environment', in March. Delegates booking before 9 June can secure 'a significant saving', with further benefits available for IHEEM members, and those working directly within the NHS and private hospitals. Steve Webb, said: "The rates for a two-day IHEEM member have been reduced by 33% for our 'super early bird', and even non-IHEEM members will save more than £130 on the standard two-day rate." For more details on the 'super early bird rate', and more information and details on this year's conference, visit: www.healthcare-estates.com

'New look' website

Step Exhibitions has recently re-designed the show website (see URL above), to make it easier for visitors to register, find out which companies are exhibiting, access details of the conference and information on the latest speakers, and obtain details on, and prices for, the dinner. Steve Webb said: "The 'new design' Healthcare Estates website will have an improved look and feel for 2014, and will be simpler to navigate. The website also features exhibitor profiles, 'blogs' from key people in the industry, and the latest conference and exhibition information."

New 'five-year deal' concluded

With the successful growth and transition of the exhibition from Harrogate to Manchester, IHEEM and Step Exhibitions have recently signed a new contract which takes the organisation of the event



through to 2019 and beyond. The Institute's CEO, Julian Amey, said: "IHEEM is pleased to announce the renewal of its contract with Step Exhibitions for the delivery of the annual Healthcare Estates exhibition, conference, and dinner. In a first for the two parties, a contract that will run for at least five years has been agreed and signed, providing a stable platform of development leading up to what, it is hoped, will be an international event in 2018."

Greg Markham, IHEEM President said: "The partnership that has grown over 15 years between IHEEM and Step Exhibitions has allowed us to ensure the highest standards at the annual exhibition. In 2013 Step took over the management of the conference and dinner, and record numbers attended all three parts of the event.

"We have jointly developed good relations with Manchester Central Conference Centre, and are bidding to host the IFHE (International Federation of Hospital Engineering) Congress in Manchester in 2018. The Step Group also produces the highly regarded monthly Institute magazine, *Health Estate Journal*, underlining the value of the partnership between the two organisations."

For more information on Healthcare Estates, including rates for exhibiting and visiting details, call 01892 518877, or email: healthcare@stepex.com

The annual exhibition at Healthcare Estates provides plenty of opportunity both to look at, and hear about, the benefits and features of the latest products and services targeted at the healthcare estates sector, as well as for networking and making new contacts.



Greg Markham, IHEEM President (right), with Steve Webb of Step Exhibitions, signing the new five-year agreement.

Opportunity to meet for Middle East members

IHEEM President, Greg Markham, has been invited to speak at the Hospital Build & Infrastructure Middle East Exhibition & Congress (HBI-ME), being held at the Dubai International Convention & Exhibition Centre from 2-4 June 2014.

IHEEM recruitment/membership manager, Chris Parker, said: "This year, for the first time, there is a 'Healthcare Facilities Management' stream, which will specifically focus on all aspects of facilities management in a healthcare setting; it is to this stream that Greg Markham will contribute. He would be delighted if Institute members in the region could attend the event, which will offer CPD, but may also provide the opportunity for an informal get-together to consider how IHEEM may support its members in the Middle East, and indeed expand the membership base locally."

Conference attendance will be free to delegates registering before 29 May. The 'landmark event' will host 160 local and international exhibitors, and is expected to attract over 6,250 attendees



The HBI-ME event in 2013.

from the Middle East and beyond. Covering all aspects of infrastructure and development in the Middle East, HBI-ME 2014 will 'showcase the latest cutting-edge products and solutions in construction, design, IT technology, security systems, hospital fixtures, and much more'. For more details, visit: www.hospitalbuild-me.com

Chris Parker added: "If you do register to attend following this notification, or have already done so, please advise IHEEM's UK office via email to: membership@iheem.org.uk. Arrangements may then be made for all interested parties to meet up."

Erratum

In the report on a recent steam sterilisation workshop held at the University of Glasgow Dental School which appeared on page 8 of the April 2014 issue of *Health Estate Journal*, the first name of the article's writer, IHEEM member, George McDonagh, was incorrectly spelt. *HEJ* apologises to Mr McDonagh for the error.

Diary dates

13-14 May: *Design in Mental Health 2014*, National Motorcycle Museum, Solihull. T: 01892 518877; Email: dimh@stepex.com. www.designinmentalhealth.com/

14 May: *IHEEM Water Technical Platform and Medical Devices Advisory Group 'Healthcare in Focus' seminars*, National Motorcycle Museum, Solihull. T: 01892 518877; Email: sales@healthcare.com or visit www.healthcare-estates.com

14-16 May: *Hefma 2014 National Conference*, Hilton Hotel, Brighton. www.hefma.co.uk/conference

21 May: *IHEEM/BRE/Barts Health seminar, Building Sustainable Development*, on Sustainable Development Strategy 2014-2020, Barts Hospital, London. T: 01892 518877; Email: sales@healthcare.com or visit www.healthcare-estates.com or visit www.bre.co.uk/eventdetails.jsp?id=7833

21-22 May: *IHEEM Northern Ireland Branch 6th Bi-annual event conference*, Slieve Donard Resort & Spa, Newcastle, County Down. T: 028 90 90329; Email: joanna.dougherty@belfasttrust.hscni.net

2-4 Jun: *Hospital Build & Infrastructure Middle East Exhibition & Congress*, Dubai International Convention and Exhibition Centre. T: +971 (0)4336 5161; www.hospitalbuild-me.com

10 Jun: *Sustainable Government 2014*, Hotel Russell, Russell Square, London. P3 Media. T: 0161 667 3070; www.p3-media.co.uk/sustainable-government/

17-19 Jun: *Energy & Environment Expo*, ExCel, London. UBM Live. T: 020 7921 8660; www.energy-enviro-expo.com

19 Jun: *IPEM Technologists' Study Day (aimed at all clinical engineering and radiotherapy technologists)*, York Racecourse. T: 01904 610821; Email: conferences@ipem.ac.uk

7-8 Oct: *Healthcare Estates 2014*, Manchester Central. T: +44 (0)1892 518877; www.healthcare-estates.com

12-16 Oct: *IFHE Congress 2014, 'Healthcare facilities in times of radical changes'*, UCA University, Puerto Madero, Buenos Aires. www.ifhe2014buenosaires.com.ar

IHEEM to help manage clinical technologists' Register

IHEEM has announced that it is to jointly manage, and support, the Institute of Physics and Engineering in Medicine's (IPEM) Voluntary Register of Clinical Technologists (VRCT), in conjunction with IPEM and the Association of Renal Technologies (ART).

This marks a continuation of the close working relationship between IHEEM and IPEM following their signing of a Memorandum of Understanding (MoU) signalling future collaboration late last year.

The VRCT was first opened in August 2000 as a platform for the clinical technologist profession's campaign for statutory regulation with the then Health Professions' Council, and today operates as a means of statutory regulation for such technologists.

IHEEM CEO, Julian Amey, elaborates: "With our signing of a new, second Memorandum of Understanding (MoU) with IPEM, the Institute will help process applications for registration with the VRCT, and lend its weight to promoting the benefits of registration to clinical technologists."

As part of the process, Ian Threlkeld, a Fellow of IHEEM, member of the Medical Devices Technology Platform, and Chartered Engineer, who is head of Clinical Engineering at Bradford Teaching Hospitals NHS Foundation Trust, and Dave Easton, FIHEEM, also a Chartered Engineer, and the director and lead consultant at electro-bio medical engineering specialist, Zenger Engineering Services, who chairs the same IHEEM Technology Platform, will join the VRCT registration panel.

"Another element of our recent close working with IPEM," Julian Amey explained, "is our co-writing, with IPEM and CIBSE, of an 'Engineering and Healthcare' report for the Royal Academy of Engineering. This will highlight the key role that healthcare engineers play in the smooth and efficient running of hospitals and other healthcare facilities in the run-up to the 2015 General Election.

"Largely case study-based, this report should be published shortly, and should considerably raise the profile of healthcare engineers by clearly highlighting the skills, expertise, professionalism, and commitment, of those working in the field, and their considerable contribution to the smooth delivery of 21st-century healthcare."

German medical gas AEs welcomed

A meeting of Authorising Engineers (MGPS) – all members of IHEEM's register for such personnel – held in London recently saw a variety of topics discussed, a work plan agreed for the forthcoming year, and our two overseas members from Germany, Christian Graack and Jörn Grüneberg, bring an overseas perspective on the role of the Authorising Engineer and the implementation of the technical guidance developed in the UK (HTM 02-01 Parts A&B) and the associated international standards, writes Bill Millar.

A number of actions were agreed, including:

- Raising awareness across the NHS and the private sector of the role of the registered Authorising Engineer, and the benefits such personnel can bring to an organisation.

- Developing new workstreams for the MGPS Technical Platform, with an emphasis on:
 - Design support.
 - Training.
 - Providing expert advice.
- Expanding the AE appointments panel and Technical Platform to include representatives from all the devolved authorities, and, in particular, Wales and Northern Ireland (currently Scotland is represented).
- Working with IHEEM on the review of HTMs.
- Developing a collaborative approach to standardising audit procedures for AEs.
- Publishing articles in *HEJ* on the work of the Technical Platform, with an emphasis on the work carried out by individual registered Authorising Engineers.



Attendees were: Mike Arrowsmith AE (MGPS), Panel Member; IHEEM CEO, Julian Amey; Mike Ralph AE (MGPS), Panel Member, and chair of the Medical Gas Technical Platform; Bill Millar (AE MGPS), Panel Member; and Registered AEs (MGPS) Steve Goddard, Peter Williams, Graeme Dunn, Ian Sanford, Lyndon Saul, and, from Germany, Christian Graack and Jörn Grüneberg, both employees of Dräger Medical.

Yorkshire Branch emergency lighting update

To help ensure that members of the Institute's Yorkshire Branch fully understand current emergency lighting regulations and standards, Alan Daniels, technical director at P4, one of the UK's leading self-testing emergency lighting specialists, recently updated Branch members on recent changes to the 'pivotal reference code of practice in the UK', BS5266 Part 1.

Alan Daniels, who is also a senior member of the emergency lighting sector's main technical body, ICEL, devised his CPD presentation to explain the background behind the changes, and provide clear guidance on the way the latest version of the code of practice should be interpreted and adopted. He explained: "Fire safety legislation changes the nature of the way BS 5266-1 is applied, and it is no longer prescriptive, but rather an essential element in enabling the Responsible Person (or 'duty holder') to demonstrate that their premises are safe."

The P4 speaker also covered testing systems.

IHEEM members can obtain a copy of the presentation, 'A summary of changes to BS5266 Part 1, and cost-effective, energy-efficient, self-testing emergency lighting', by emailing: robbie@p4fastel.co.uk

Congratulations

IHEEM would like to congratulate the following, who had Institute grades awarded, or Engineering Council status conferred on them, recently:

Fellow

- Graham Biggar
- Andrew Camina
- Llewellyn D'Souza
- Tsun Cheun Ho
- Daniel Maddon
- Paul Mercer
- Paul Nolan
- Barry Ollerhead
- Trevor Payne
- Kwok-Fai Tsui
- Craig Woodward
- Costas Zervides

Member

- Luke Broadbent
- Simon Bunker
- Thomas Butler
- Troy Chivers
- Richard Daniel

- Kathryn Dapre
- Ken Eaton
- Nathan Elliott
- Peter Ellis
- Adrian Gray
- Jack Marshall
- Martin Needham
- George Reid
- David Robinson
- Jacqueline Simpson
- Anthony Snodin
- Paul Wheldon

Technician

- Gerard Gummer
- Gary Wright

Associate Member

- Nigel Watkinson
- Stuart Spriggins

Company Affiliate

- Andrews Sykes Hire Limited
- C&B Systems
- Dräger Medical GmbH
- M&I Materials Limited
- Medical & Process Gases Limited

NHS Affiliate

- Sussex Partnership NHS Foundation Trust

Skilled Person Affiliate

- David Garcia

Student Affiliates

- Glen Cahill
- Maria Fabris
- Ho Kit Lung

MHRA to speak on Device Bulletin

David Easton, chair of IHEEM's Medical Devices Technology Platform, says he is keen that 'all interested parties' are aware that the MHRA (Medicines and Healthcare Products Regulatory Agency) has published its revision of the *Device Bulletin 2006(5) November 2006*.

'Managing Medical Devices Guidance for healthcare and social services organisations, April 2014' is now available to download from the MHRA website (at www.mhra.gov.uk), or contact the Medical Devices Technology Platform for a copy

(by emailing jolene.tebbey@iheem.org.uk).

David Easton said: "This new Device Bulletin will be the main focal point of our Spring Seminar on 14 May in Birmingham (see also p5, *HEJ* – April 2014, and the Diary listing on page 7 of this issue). The MHRA is due to speak and advise on the major updates."

For more information on the 14 May seminar, visit www.healthcare-estates.com and click on the 'Healthcare... In Focus' button, telephone 01892 5618877, or email: sales@healthcare.com