



Institute News

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‘High-level’ input promised for Manchester event

An increase in high-level Department of Health and Government representation, ‘more distinct and stronger’ plenary sessions, and more ‘practically-focused’ stream sessions, will be among the features of the conference at this October’s Healthcare Estates event in Manchester, say organisers, EMAP.

In planning this year’s content, the conference organising team says it will draw both on the extensive feedback received from delegates at the 2011 conference, and on recent research among nearly 100 health estates professionals from the NHS and the private sector.

The conference organisers said: “Alongside some useful findings from our recent research, there was also a strong response to IHEEM’s call for papers, and, by combining the results of these three elements, we are looking forward to being able to announce the programme for the 2012 conference soon. One of the things we will be doing is looking to create more time for discussion and networking for delegates within the conference programme.”

The theme of this year’s Healthcare Estates is ‘Improving outcomes through innovation’. “Some clear themes have already emerged in structure and content,” the conference organisers add. “For example, we will be focusing strongly on the impact on the sector of the reforms brought by the Health and Social Care Bill, including the future of the primary care estate, and future systems design, and the implications for healthcare providers. Also strongly in the spotlight will be energy and sustainability; refurbishment and refit; driving efficiencies; *Pseudomonas*, *Legionella*, and other waterborne diseases, and other compliance issues. Presentations on these varied topics should combine to create what we hope will be a strong and compelling conference programme.”

New exhibition features

Meanwhile, the organisers of this year’s exhibition, Step Exhibitions, are keen to draw attention to a number of new exhibition features also developed as a result of visitor feedback. Exhibition director, Steve Webb, said: “The design and construction of healthcare and mental health facilities, with examples of key



projects and proposed schemes, and experts on hand to advise visitors to the event, will be the focus of a new dedicated Contractors & Architects Zone within the exhibition at this year’s Healthcare Estates.”

Visitors to the new Zone will be able to hear presentations from professionals working in the field, and have the opportunity to meet up with representatives of leading architectural practices, construction companies, and others in the healthcare building supply chain. Organisations already signed up to participate include ProCure21+, Architects for Health, Stantec Anshen+Allen, ADP, Elliott Group, and AFL Architects.

Steve Webb added: “By the time we open the doors in October, we hope to also be working with the Design Council, HLM, AEDAS, and a number of other key organisations. In line with our aim of offering value-added reasons to attend Healthcare Estates, the Contractors & Architects Zone will be part of the ‘Free to attend open theatres’ at this year’s show.”

The Contractors & Architects theatre will run 10 sessions highlighting and discussing exemplar projects and schemes as part of over 20 hours of ‘free’ presentations in dedicated theatres. In addition, the area will have showcase pods, and a dedicated networking area, so that visitors can connect with companies and individuals involved.

Steve Webb added: “Extensive research following last year’s event clearly identified a significant interest in a number of crucial areas for the engineering, facilities, and estates departments within NHS and private healthcare organisations, as well as those professionals employed in planning and development roles. We are consequently

working on a number of new features and dedicated areas in response.

"One of the most popular subject areas singled out was the design and delivery of new facilities, linked to examples of schemes that have already been delivered; hence the development of the Contractors & Architects Zone. Visitors were also keen to hear more about carbon reduction, infection prevention, estates management, and FM. Our aim is to address all these areas within the exhibition, which will also give visitors the opportunity to see and hear about new products."

Growth in visitor numbers

Exhibitor numbers at Healthcare Estates 2012 continue to grow. In February alone over 20 organisations confirmed they would exhibit, taking overall exhibitor numbers to nearly 80.

The most recent companies to confirm their presence include: Revise, Construction Specialties (UK), Taylor Young, Edmolift UK., Loxos, BAFE, Stantec Anshen & Allen, Prolite, GB Locking Systems, Numatic International, The Wandsworth Group, Design in Mental Health Network, Apollo Fire Detectors, Brandon Medical, Caregard Systems, ADP, Pall Life Sciences, Dart Valley Systems, and ARI Armaturen UK.

Piers Conway-Hyde, business development manager at Numatic International, a manufacturer of commercial and industrial cleaning equipment, and first time exhibitor, said: "We're looking forward to our first time at the IHEEM show, and the opportunity to introduce potential new customers to our comprehensive product range. We have plenty of product developments and innovations that we are keen to share with visitors during the two days."

Healthcare Estates takes place at Manchester Central from 9-10 October 2012.

For conference details and delegate rates, T: 0845 056 8299; Email: healthstates@emap.com or visit: www.healthcare-estates.org.uk For details of exhibitor rates, and to register for the exhibition, T: 01892 518877, or visit: www.healthcare-estates.com

Expert advice on carbon reduction

With the sustainability of UK healthcare facilities ever more in focus, the Institute was pleased to support last month's NHS Sustainability Day of Action, at which London's UCLH NHS Foundation Trust and the NHS Sustainability Unit encouraged NHS staff to think more about what can be done to make the NHS more sustainable (HEJ – February and March 2012).

Reflecting the importance of the sustainability agenda on the healthcare estate, IHEEM is holding two Sustainability seminars this month and next.

To be staged at the Hilton Birmingham Metropole Hotel on 19 April, and at a London venue to be confirmed on 16 May, the 'Plan Today for a Sustainable Tomorrow' events will be chaired by one of the healthcare estates community's leading champions of a 'greener NHS', Trevor Payne (who will also speak), director of estates and facilities management at the UCLH NHS Foundation Trust, and one of the co-founders of the NHS Sustainability Portal. (HEJ – January 2012).

Other speakers will include IHEEM Past President, Phil Nedin, global business leader for Healthcare at multi-disciplinary engineering and professional services company, Arup; David Pencheon, director of the NHS Sustainable Development Unit; Philips Lighting's sustainability manager, Katy Bryan, and national sales manager for Healthcare Lighting, Richard Tandy; Larissa Lockwood, public sector manager, The Carbon Trust, and a senior representative from the DeDerHECC (Design & Delivery of Robust Hospitals Environments in a Changing Climate) Team from Cambridge University.

Meanwhile, two IHEEM seminars in Leeds and London on 17 and 19 July respectively (venues tbc) will examine methods for minimising the risks of waterborne infection, water hygiene

issues, competing and antagonistic risks such as scalding and environmental impact, and other key water management and impact reduction issues.

Among the speakers confirmed for the seminars – aptly entitled 'The Invisible Threat' – will be Dr Nick Hill, technical director, the Water Hygiene Centre, and chair of the new IHEEM Water Technical Platform, and Clare Reynolds, laboratory manager (Water Testing), at Brighton & Sussex University Hospitals NHS Trust. Also speaking will be David Harper, one of the leading experts in the field of *Legionella*, waterborne contamination prevention, and emergency response.

More details to follow soon.

For information on all IHEEM's events, contact Siân Barker, events/education manager. T: 02392 823186; email: sian.barker@iheem.org.uk, or visit: www.iheem.org.uk/IHEEM-Events



Nick Hill.

Diary dates

17 Apr: IHEEM London Branch seminar on ground source heat pumps, Henry VIII Hotel, Bayswater. T: 07882 566248. Email: stephen.perfect@slam.nhs.uk

19 Apr: Hilton Birmingham Metropole Hotel, and **16 May:** London, venue tbc. IHEEM Sustainability seminar, 'Plan Today for A Sustainable Tomorrow'. T: 023 9282 3186. Email: sian.barker@iheem.org.uk

26-27 Apr: IHEEM Wales and NHS Wales Shared Services Partnership Facilities Services conference, The Hilton Hotel, Cardiff. T: 029 2031 5512; Email: ann.konsbruck@wales.nhs.uk; www.wales.nhs.uk/whc

15 May: IHEEM Southern Branch visit to Pall Corporation, Portsmouth, followed by Branch meeting. T: 01425 638196. Email: peter.arnold@rbch.nhs.uk

17 May: IHEEM London Branch presentation on photovoltaic systems, by Branch chairman, John Crawford, Bethlem Royal Hospital, Beckenham. T: 07882 566248 Email: stephen.perfect@slam.nhs.uk

23-24 May: IHEEM Northern Ireland Branch biennial conference, Slieve Donard Hotel, Newcastle. T: 028 9090 3290. Email: Joanna.dougherty@belfasttrust.hscni.net

23-25 May: HEFMA annual conference and exhibition, 'Strong foundations or shifting sand', Telford International Centre, Telford. T: 0844 571 7250; www.hefma.co.uk/conference

17/19 Jul: IHEEM seminar, 'The Invisible Threat', on water quality issues, Leeds and London, venues to be confirmed. T: 023 9282 3186 Email: sian.barker@iheem.org.uk

9-10 Oct: Healthcare Estates 2012, Manchester Central. T: 023 9282 3186; www.healthcare-estates.com

New venue for NI conference

The Slieve Donard Hotel in Newcastle, County Down, is 'the exciting new venue' for the 2012 Northern Ireland IHEEM Conference, which takes place from 23-24 May.

Open to both the public and private sectors, the conference will feature a wealth of high profile speakers

'addressing all issues relevant to estate managers today'. A large number of specialised exhibitors will complement the conference. A conference dinner and charity auction will take place on 23 May.

For more information, email joanna.dougherty@belfasttrust.hscni.net or T: 028 90 903290.

Specialist technical expertise required

IHEEM is seeking candidates to chair its Ventilation Technology Platform, Advisory Group for Architecture and Design of the Built Environment, and Advisory Group for Specialist Engineering.

The Institute now has nine Technical Platforms (TPs) and Advisory Groups (AGs), all governed by the Technology Platform Committee, covering the following disciplines:

Technical Platforms:

- Decontamination
- Electrical
- Medical gases
- Ventilation
- Water

Advisory Groups:

- Architecture and design of the built environment
- Medical devices

- Specialist engineering
- Resilience and Sustainability

The aim of the Technical Platforms (TPs) and Advisory Groups (AGs) is to provide information and guidance for members and non-members, and to advise on matters of special interest. The TPs and AGs also provide comment on HTMs, HBNs, CFPPs, and other Department of Health and Devolved Authority guidance, take part in BSI Committees and All-Party Parliamentary discussion groups, and advise the Institute's Council.

Electrical Technical Platform (ETP), chairman, Mark Richards, recently attended an All-Party Parliamentary Group on Metal Theft (see *HEJ* – March 2012), at which the Energy Networks Association was also present, spearheading the campaign for a change in the law on

scrap metal dealing to help address the growing problem of metal theft.

IHEEM administration officer, Danielle Preston, said of the Technical Platforms' wider role: "We also receive a wide range of queries, ranging from requests for help with fitting solar panels, to guidance for dentists on decontamination. If you have a question you would like answered, or would like IHEEM to participate in your discussion group, please contact us.

"Similarly, if you have in-depth knowledge in one of the areas in which we have vacancies to chair an Advisory Group or Technical Platform, get in touch." T: 02392 823186; email: Annabelle.morgan@iheem.org.uk For more information on the TPs and AGs, visit: www.iheem.org.uk/Technical-Platforms

Extensive experience from new Company Affiliates

A specialist in lifts, materials management, and waste handling systems, for the healthcare sector, and the manufacturer of an energy-saving voltage optimisation system, are the latest to become IHEEM Company Affiliate Members.

Lerch Bates has been involved with the analysis, planning, design, and implementation, of lift systems, materials management, materials handling, central processing, and waste handling systems, for 'many hundreds' of healthcare facilities for over 30 years.

The company said: "Lifts and escalators represent considerable capital investment. Ensuring that this equipment remains safe and able to perform reliably throughout its lifetime is a major challenge to managers and owners of buildings.

"Hospitals are among the most complex buildings when it comes to moving people and materials, making it essential to install functional and economical systems that will provide a complete, integrated, and cost-effective solution for their materials handling and transportation needs. The efficient use of vertical transportation in high rise hospitals is absolutely essential, because the core size required for lifts impacts directly on the remaining available floor space.

"Our materials management and materials handling expertise is particularly applicable in healthcare settings, where we both provide planning and design services and equipment specification, and source and manage the implementation."



Lerch Bates supplied and installed passenger, goods, and logistics lifts, dumbwaiters, and a pneumatic tube system, as part of the integrated non-clinical support services package at University College London Hospital's new buildings.

'Going green' with voltage optimisation

Pointing out that NHS healthcare facilities are directly responsible for around 3% of the UK's carbon emissions, the second new Company Affiliate, EMSc UK, argues that one 'proven and reliable' way to reduce energy consumption and carbon emissions is voltage optimisation, based around electrical energy-saving components installed in series with the mains electricity supply.

Dr Alex Mardapittas, MD, says the reason voltage optimisation can have such a significant impact is because 'on the whole, the National Grid supplies a higher voltage than is generally required'. He said: "Although the nominal voltage in the UK is 230 V, the average

delivered is actually 242 V. This 'over-voltage' means energy consumption is significantly greater, the result being higher energy bills."

EMSc claims its Powerstar voltage optimisation solution can help healthcare facilities reduce their average electricity consumption and related CO₂ emissions

by at least 12% to 15%, 'without compromising the supply to technical or medical equipment'. Powerstar has also been shown 'to improve power quality, leading to reduced maintenance costs, as less demand is placed on equipment'.

EMSc UK says joining IHEEM will provide it with an excellent way to share its knowledge and expertise with other members and healthcare professionals.



Dr Alex Mardapittas.