



Institute News

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Countdown begins as keynote speaker revealed

The opening keynote speech at this year's Healthcare Estates conference and exhibition will be given by David Flory CBE, Chief Executive of the NHS Trust Development Authority (NHS TDA), which was established as a Special Health Authority in June 2012 'to provide leadership, support, and development, for those providers that remain NHS Trusts'.



Healthcare Estates

Other key conference speakers confirmed to date include Dr R Chandrashekhar, Chief Architect at India's Ministry of Health and Family Welfare (*HEJ* – April 2013); IHEEM President, Greg Markham; chair of Architects for Health, John Cooper, and Carbon and Energy Fund CEO, Clive Natrass.

Record number of conference submissions

IHEEM, working with the organisers, Step Exhibitions, saw a record number of conference paper submissions this year with over 50 papers submitted.

Steve Webb, director at Step Exhibitions, said: "The event's theme this year is 'Putting positive energy into healthcare', reflecting the key issues of cost savings, sustainability, and the sector's changing nature. We have approached a number of the leading names to speak at Healthcare Estates 2013 (taking place at Manchester Central from 8-9 October, 2013), and will be confirming these in the next few weeks."

Organisations that have already agreed to provide speakers within the conference programme, which will be split into key areas focused on Engineering, Energy, Design & Construction, Property & Premises Management, Estates & Facilities, Infection Prevention, and Research & Development, include: Amtech Group, Gelder Kitchen LLP, IBI Group, Spirax Sarco, CORGI, EP&T Global, GI Energy, ENER-G Combined Power Limited, Welsh School of Architecture, Cardiff University, ProCure21+, HIS, Pall Europe, Children's University Hospital Dublin, Eastwood Park, Liverpool John

'A simple aspiration'

As David Flory himself explained last year in the foreword to the document, *Introducing the NHS Trust Development Authority*, 'the NHS TDA's aspiration is a simple one: to ensure there are sustainable, high quality services in every part of the NHS'. He added: "For most NHS Trusts, achieving this will mean they can push forward and become NHS Foundation Trusts – in the process meeting the Government's stated objective of ensuring all NHS providers reach FT status. For others – a minority – more radical support will be needed, and we will need to work hard to create the right environment to inspire creative and new models of delivery that have the support of the local communities."

David Flory joined the Department of Health in 2007 as director-general for NHS Finance, Performance and Operations, having previously spent time with the DH as interim director of Financial Recovery. He has over 20 years' board-level experience in NHS bodies in the North East of England in director of Finance and Chief Executive roles.



David Flory.



Peter Aldridge.



David Frise.

Moore's University Arts & Design, CPA Total Engineered Solutions, Trend Controls, Low Carbon Europe, DPS Global, The BIRCH Foundation and Salford Royal NHS Foundation Trust, DAC Beachcroft LLP, Power Electrics Generators, Arup, Low Carbon Europe, British Gas, DPS Global, and Capita Symonds.

'Super early bird rates'

Bookings are now being taken for the conference, exhibition, and dinner, with 'super early bird' rates available until mid-June, and specially discounted rates through to September. Readers of *HEJ*, previous visitors and delegates, and IHEEM members, can book at a special rate up until 22 June, with savings of up to 60% on last year's two-day rate available. Steve Webb said: "With the lowest rate just £200 for a full two-day conference pass, including food and drink, the conference offers great value-for-money – and indeed we are already ahead of last year in terms of delegate bookings."

One of the organisations participating in the conference for the first time in 2013 is the Building & Engineering Services Association (B&ES). A 90-minute panel session chaired by the Association's head of sustainability, David Frise, 'Why do so many buildings disappoint their owners and occupiers?', will consider 'why many healthcare facilities fail to reach their operational potential, and, are thus not fit-for-purpose'. The session will examine why many new and emerging technologies 'fail to produce the low energy and reduced carbon performance expected from buildings'. The aim, subsequently, is to produce 'a blueprint for progress', for further joint development by IHEEM and B&ES after the event.

Mitigating fire risk

The BRE, the independent, research-based consultancy and certification organisation for the built environment, will focus, in



The HEJ Product Theatre; one of four theatres set for the exhibition floor this year.

one of its conference presentations, on 'mitigating fire risk', with a joint session run with the National Association of Healthcare Fire Officers (NAHFO). BRE will also deliver joint sessions with DAC Beachcroft on the theme of 'Improving Quality, Reducing Costs'; with Arup, examining 'Smarter Estates'; with The BIRCH Foundation and Salford Royal NHS Foundation Trust, examining 'The Salford Model for Productive FM', and with a co-speaker to be confirmed, on 'Efficient lighting – meeting patient and staff needs'.

In addition to the main conference sessions, NAHFO will also provide a 'fringe' session, running from 11.15-12.30 on day two, incorporating a free-to-attend 'fire-themed' workshop. Attendees will receive CPD points, and will then be free to visit the exhibition in the afternoon. Peter Aldridge, NAHFO secretary, and fire safety manager at Leeds Teaching Hospitals NHS Trust, said: "NAHFO has great pleasure in taking part in the 2013 event, building on the Association's first successful attendance in Manchester in 2012. The focus on fire safety within healthcare has been increased this year, with the 'Dear colleague' letter issued by the Department

of Health on 31 January reminding senior Trust personnel and Boards of their responsibilities under fire safety legislation. Add to this the very restricted budgets in the public sector, and fire safety compliance is certainly very challenging currently. We very much welcome the opportunity to share information and guidance on means to compliance with colleagues from across the sector."

This year's exhibition

This year the exhibition floor will feature four dedicated theatres, each offering two full days of presentations by key supporting organisations.

The four theatres are:

- The *HEJ* Product Theatre.
- The NHS Sustainability Theatre.
- The Contractor & Architects Theatre.
- The Energy Showcase Theatre.

For the current programme, to register for the conference or exhibition, and for exhibitor rates, T: 01892 518877 or visit www.healthcare-estates.com

For conference details and delegate rates, email Michelle Michelucci at: michellemichelucci@stepex.com

Obituary: Professor David Hurrell

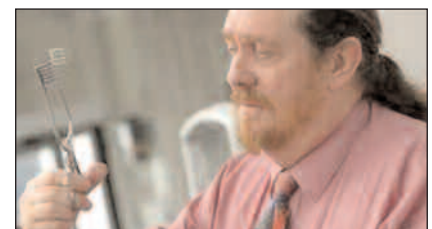
"Many members will already be aware that Professor David Hurrell lost his brave fight against Leukaemia and passed away last November," writes IHEEM recruitment and membership manager, Chris Parker.

He adds: "Professor Hurrell was known to many in the industry through his work initially with the Department of Health's Scientific and Technical Branch, where he played a major role in creating the basic UK standards for sterilising equipment. From this time, he was keenly involved in standards work, and became recognised for his knowledge on matters relating to decontamination of medical

devices throughout Europe and the rest of the world.

"On leaving the DH, he formed Healthcare Science, a company which offered expert microbiological consultancy and laboratory services, as well as providing valuable education and training courses for Authorised Steriliser Engineers, now AE (D)s. It is through HSL that many IHEEM members will have encountered Professor Hurrell through their participation in his Advanced Course in Steriliser Technology (ACIST).

"Late in his life, he was awarded an Honorary Professorship of Decontamination Sciences by the



University of the Highlands and Islands, in recognition of his work in facilitating a Master's programme for the decontamination of reusable medical devices. He will be remembered by those who knew him as a most remarkable person, with a brilliant sense of humour, and an incredible capacity and skill as an orator, as well as as a man of great knowledge and scientific expertise."

After reviewing its annual Awards last year, IHEEM has introduced two new awards for 2013 – for Sustainability and Marketing – both to be sponsored. All but two of the 2013 Awards (which will be given to the recipients at the Institute's 70th Anniversary Lunch at the House of Lords in November) will be presented at the Annual Awards Dinner on 8 October at Manchester's Midland Hotel (pictured) during Healthcare Estates 2013.

Two new Awards announced

Exciting new initiatives

"Having last been re-assessed in 2010, 2013 sees some exciting initiatives introduced to the Awards programme," confirms IHEEM recruitment and membership manager, Chris Parker. "Significantly, the Institute is pleased to introduce two new awards, recognising significant contributions to the sustainability agenda and successful marketing campaigns, as well as seeking nominations for the Best Innovative Product or Service of the Year award launched in 2012. A number of the awards will be sponsored this year, the involvement of commercial companies recognising the value such partners bring to the Institute, its members, and the sector in general."

All but two of the Awards will be presented at the Annual Awards Dinner, on the evening of the first day of Healthcare Estates 2013, 8 October, in Manchester, with the Lifetime Achievement Award, and the William E Schall Award, presented at the Institute's 70th Anniversary lunch in November at the House of Lords, before an audience of Company Affiliate members and their guests.

President's message

Greg Markham, IHEEM President, says: "I encourage all IHEEM members to ensure that their fellow members who may merit recognition be nominated, or encouraged to apply, for the IHEEM awards. Please also recognise the involvement of your service providers and business partners."

Details of the Awards, and how to make a nomination, follow.

The IHEEM Lifetime Achievement Award

goes to an Institute member who has given long service to the healthcare sector within the NHS or the private sector, and made a significant contribution to their particular field. Open to members, although in exceptional circumstances, made to a non-member, the Award is given to an individual who has demonstrated 'an exceptional contribution to the field of engineering and healthcare estates', and may be given posthumously.

The John Bolton Memorial Award for Excellence in the Field of Education, Training and Development is made to a facilities directorate, NHS Trust, or health



service provider to the NHS, who has contributed to the development, training, and career progression, of their staff, and delivered service improvements in estates and facilities. The Award commemorates the life of John Bolton, the Institute's President from 1985 to 1986, who spent most of his career in the NHS. A regular attendee at the annual conferences, and a guest speaker at the Annual Dinner, he encouraged the involvement of his technical expert colleagues at the Institute's one-day seminars, and often participated himself. He was made a Companion of the most Honourable Order of the Bath in the 1985 New Year's Honours List.

The William E Schall Award for Excellence in Medical Technologies,

established by the Society of X Ray Technology, which merged with IHEEM in 1990, commemorates the life of William Ernest Schall, the first president of the Society in 1954, who remained an active member until his death in 1965, and was one of the oldest members of the British X-ray industry. It is presented to the graduate who has made the best contribution while studying the Medical Technologies Foundation Degree Course, and goes to the second-year student who has performed best academically, and contributed through interaction with fellow students and tutors.

The Lucas Scholarship Award for Significant Contribution to Branch Activities

was created in the mid-1980s in recognition of Bernard Lucas's efforts for the Institute, and to encourage up to two young members to participate in events such as the Annual Conference at no personal cost. Dr. B.G.B Lucas was

President of The Institute of Hospital Engineering from 1973 to 1975. As an apprentice, he helped build the Schneider Trophy Seaplane S6B. Having later studied to become a doctor, on qualifying he joined the RAF Volunteer Reserve, and worked on high altitude research projects. After demobilisation he worked at a variety of hospitals.

Nominations for the Award will be accepted from Branch officers for new members seen to have taken an active interest in the Institute, or established

members who have played a significant part in its activities at branch or national level. The Award will be made to two members to attend the annual conference at the Institute's expense.

The Northcroft Silver Medal for Outstanding Contribution to the Advancement of Hospital Engineering

is given in memory of Lionel G Northcroft, who joined Spirax Manufacturing Company as sales manager in 1932, subsequently becoming MD, and then chairman, of Spirax Sarco Engineering. Well-known and respected in the steam-using field as a lecturer and writer on technical processes and equipment, and appointed OBE in 1949 for his work on fuel efficiency during the war, he was President of The Institute of Hospital Engineering from 1967 to 1969. Established by Lord Northcroft's own generosity, the Northcroft Medal goes annually to the author (both members and non-members are eligible) of the technical paper published in *HEJ* considered to have contributed most to the advancement of hospital engineering. The article or paper should not have appeared in any other publication, but may have been given at a branch meeting, or an Annual Conference, of IHEEM. The assessment is made by the Institute's Professional Development Committee.

The Best Innovative Product or Service of the Year Award

seeks to highlight organisations that have identified new products or services, and successfully brought them to market, or adapted an existing product for a new market. Entrants must be able to clearly demonstrate a demand for the innovation, and that it has proved successful in line

with the objectives set. This award will be judged by an independent panel.

One of two new Awards this year, the **Sustainability Award** will recognise Trusts and healthcare facilities, who, working with key organisations or manufacturers, have introduced energy efficiency measures during the past year. Each entry will be judged by an independent panel against the following criteria:

- Money saved.
- Reduction in carbon footprint.
- Reduction in energy consumption.
- Degree of collaboration with supplier.

For 2013 this award is generously supported by B&ES (the Building & Engineering Services Association).

The aim of the new **Marketing Award** (sponsor to be confirmed), is 'to recognise the best advertising and marketing communications across a range of trade media, in arguably one of the most challenging of industry sectors'. The judges will be looking primarily for creativity, clarity, impact, and effectiveness. Entries are sought from companies marketing themselves to



the healthcare sector via advertising in publications, exhibiting, direct mail, email blasts, etc. Entries will be judged against the following criteria:

- The soundness of the campaign's objectives, and how it fits with overall brand strategy.
- Campaign execution and creativity.
- Evidence of its success.

Entrants must submit a maximum 500-word nomination explaining why they should win, together with examples of their marketing material.

Nominations for all awards should be made using the online nomination form at www.iheem.org.uk/2013-Award-Nomination-Form.

Diary dates

10 Jun: *British Institute of Facilities Management (BIFM) 'Think FM' conference.* Royal College of Physicians, London. T: 0845 058 1356; www.thinkfm.com

15 Jun: *Joint IHEEM Yorkshire and London Branches visit to the Keighley Worth Valley Railway.* Yorkshire. T: 01423 520252. Email: a.ryan@dssr.co.uk

4 Jul: *IHEEM Yorkshire Branch seminar on emergency lighting.* Arup offices, 30 Barkers Pool, Sheffield. Email: Ian.Hurst@arup.com

9/10 Sept: *2013 Meetings of the IFHE Council and Executive Committee, respectively.* Kuala Lumpur Convention Centre, Putrajaya, Malaysia. Email: beam2013kl@gmail.com, or visit www.beam.org.my or www.ifhe.info/forthcoming-events

11-12 Sept: *Biomedical Engineering Association of Malaysia 2013 Hospital Engineering Conference and Exhibition.* Kuala Lumpur Convention Centre, Malaysia. <http://tinyurl.com/c7kxdo>

8-9 Oct: *Healthcare Estates 2013.* Manchester Central. T: 023 9282 3186; www.healthcare-estates.com

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12-16 Oct: *IFHE Congress 2014.* UCA University, Puerto Madero, Buenos Aires. www.ifhe2014buenosaires.com.ar

Expert water quality advice at Branch meeting

London Branch Members and their guests recently attended an evening technical presentation at the King Henry VIII Hotel, Bayswater, at which Matthew Morse, lead technical manager at Clearwater Technology, examined the latest developments in the guidance and standards for achieving and maintaining water quality within buildings, Branch secretary and treasurer, Alan Gascoine, writes.

A member of the advisory team working on the revisions to the HSE document L8 and its associated Approved Code of Practice (ACOP), Matthew Morse discussed BSRIA and BS documentation which complements the revised L8, and BSRIA BG29/2012, detailing the importance of pre-commissioning cleaning of newly installed pipework. He explained that water quality is the focal point of BG29 – both during testing, and right up to practical system completion. Monitoring by regular weekly sampling, and testing before putting the system into service, would ensure that the new works were 'fit-for-purpose'. The Clearwater speaker also discussed the new BS 8552 standard launched in February this year, which details the test methods for closed water systems.

Training of field operatives

Having carried out regular testing, Matthew Morse explained that it is necessary to have all test results audited, to ensure continued conformity; BS8550 sets out audit monitoring protocols to ensure high water quality standards are maintained. Managers of water systems must ensure that field operatives are fully trained and conversant with the sampling processes, to help negate the need for repeat sampling. The speaker also highlighted the need to regularly test automatic sampling equipment.

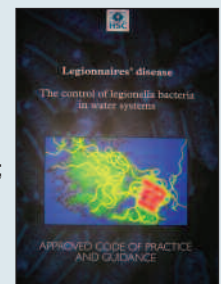
Desired outcome of treatment

After touching on BSRIA AG2/93, 'Water treatment for Building Systems', which is under revision, and gives guidance on the desired outcomes of water treatment regimes, Matthew Morse brought members up-to-date on the revisions to L8, explaining that the 'new' document should be published later this year.

Changes planned

Explaining the need for the revisions, he explained that the ACOP section made up a small part of the guidance, but that, with the whole of L8 seen as an Approved Code of Practice., the entire document was being used as a basis for compliance, rather than guidance. Among the changes

planned are the availability of electronic versions; emphasis on good practice; more flexibility; guidance on buildings and commissioning; a new chapter 5 in respect of cooling tower packings; an examination of endoscopy techniques, and revision of cleaning regimes, with the emphasis on the duty-holder rather than the building owner. There will also be a new section on new builds – filling the system, pressure testing, and building construction, together with system management up to handover. "In summary," he said, "a lot is the same – the main change is the format."



Courtesy of the HSE

Biocidal Products Directive

Finally, Matthew Morse described the revision of the EU Biocidal Products Directive, which deals with biocides used in water treatment, explaining that it was the underlying document that recently prohibited copper ionisation systems being used in water treatment systems (*HEJ* – May 2013). Members and guests found the subject matter both easily understood, and ably presented, and the update was fully appreciated by all present.