



Institute News

Comment

Shining a light on LED

With lighting generally reckoned to account for around 33% of the electricity used in modern buildings, a percentage which may be even higher in large acute hospitals operating 24/7, many health estate managers will naturally be focusing on making their lighting more cost and energy-efficient.

One technology to have made particular inroads in healthcare, as in other spheres, is LED, which large suppliers like Philips and Osram say not only offers a considerably longer lifespan than many other existing lighting systems, but is also more reliable, and, (they claim) can bring substantial energy savings over, for example, fluorescent lighting.

LED lighting is undoubtedly becoming increasingly sophisticated, in terms of the colours, effects, and moods, it can create, as well as becoming more and more 'efficient', and flexible, as the technology moves forward.

Nicholas Bukorović, a lighting expert who currently chairs the CIBSE/Society of Light and Lighting Hospital Lighting Group, however, questions, on pages 47-52, whether some of the claims being made for LED may be being a little exaggerated. He is particularly concerned that a number of manufacturers with neither the skills nor technical expertise to produce safe, high quality, and reliable LED products, may have entered the market. In the article he outlines his concerns, considers the minimum lighting standards and criteria applicable to healthcare, and highlights some of the areas where he believes LED lighting really does score.

This IFHE issue also includes articles on a 10-year new build and redevelopment programme to create one of Norway's most advanced hospitals, examines, from a lawyer's standpoint, some of PFI's pros and cons, highlights the use of an innovative mixed ventilation strategy at a Sunderland primary care centre which has helped it become the UK's first large healthcare building to achieve a BREEAM 'Outstanding' rating, and examines some of the cost-effective, and surprisingly straightforward, ways to enhance the dementia care environment.

Jonathan Baillie
Editor

Manchester event to take place in a pivotal year

This year's IHEEM Healthcare Estates conference and exhibition, taking place at Manchester Central from 9-10 October, will be held in what many see as a pivotal year for healthcare.

Exhibition director, Steve Webb, said: "Despite the UK economy being in recession, healthcare remains a key Government priority, with the 2010 public spending review having set out to protect the NHS budget. Healthcare Estates is the only event dedicated to this important sector, a priority for many NHS decision-makers, and the 2012 event will again provide an ideal opportunity to meet with key manufacturers and suppliers.

"Last year's IHEEM flagship event," he continues, "saw show visitors network with more than 170 exhibitors, and the 364 delegates and speakers who attended the IHEEM conference. The show provided a considerable array of information, contacts, and experience. Over 50% of the stand space for this year's exhibition, which will once again be free-to-attend, was booked up at the 2011 show."

Healthcare Estates 2012 will see the return of a number of key exhibitors, including Beacon Medæ, Britplas, Cistermiser, Courtney-Thorne Call Systems, Fendor, Gent by Honeywell, Heatrae Sadia, Kemper UK, Procure21+, Shire Controls, Spirax Sarco, Honeywell Building Solutions, and Zip Heaters.

The exhibition will also feature two new areas; the Contractors & Architects zone, and the Estate Management & Consultants area, as well key areas devoted to Energy & Sustainability,



Courtesy of Post Photographic Ltd

Focus on FM Showcases, and New Product Showcases.

The Construction & Architects Area will feature content presented and organised by construction and architecture professionals over both days. The area will be 'interactive', with a variety of presentations and opportunities to engage with the key names in the healthcare sector. Topics potentially to be covered include: 'What is the future for the Private Finance Initiative?'; 'New mechanisms for bringing private investment into the UK's public sector'; 'How to get your product/service specified'; 'Frameworks and Refurbishment', and 'Making current facilities/estates fit-for-purpose'.

Steve Webb said: "The Estate Management & Consultants Area, meanwhile, has been requested to allow IHEEM's estate management members and other leading individuals within the market to engage within a series of roundtables and lunchtime networking sessions."

Topics set for discussion include: 'Estate rationalisation'; 'How estates integrate with Trusts'; 'Transformation change – optimising space', and 'Strategic asset management'.

For more information, including rates for exhibiting and visiting details, telephone: +44(0)1892 518877, email: healthcare@stepex.com or visit: www.healthcare-estates.com

For conference details and delegate rates, T: 0845 056 829, email: healthstates@emap.com or visit: www.healthcare-estates.org.uk



Courtesy of Post Photographic Ltd

Chance to hear latest Welsh thinking

IHEEM Wales and NHS Wales Shared Services Partnership, joint organisers of the Welsh Healthcare Estates Conference and Exhibition 2012, being held from 26-27 April this year at Cardiff's Hilton Hotel, say the triennial event will provide an opportunity to learn, at first hand, about the latest thinking in Wales on a wide range of estates topics.

The keynote speaker will be Lesley Griffiths, AM, Welsh Government Minister for Health and Social Services (pictured), while the President's address will be given by IHEEM President, Paul Kingsmore.

Other notable speakers will include, David Sissling, chief executive, NHS

Wales; Stephen Gressel, senior vice-president, Skanska USA Building; Professor Marcus Longley, University of Glamorgan; Sarah Waller, The King's Fund; Judith Paget and Bobby Bolt, Aneurin Bevan Health Board; Trevor Payne, University College London Hospitals NHS Foundation Trust; Chris Jofeh, Wales Low/Zero Carbon Hub; Dr Jimmy Walker, Health Protection Agency; Malcolm Hart, Phillips Healthcare, and Patrick Riordan, head of strategic planning and construction, NHS



Courtesy of the Welsh Government

Wales Shared Services Partnership – Facilities Services.

Topics covered during the two-day event will include future trends in healthcare in Wales and abroad; technological advances; working with 100% single bedrooms, and energy efficiency. An exhibition complementing the conference topics will be held in the adjoining hotel atrium. For more

information, T: 029 2031 5512, email: ann.konsbruck@wales.nhs.uk, or visit: <http://howis.wales.nhs.uk/whe>

Institute support for 'Day of Action'

IHEEM has pledged its support for 'the NHS Sustainability Day of Action' on 28 March (*HEJ* – January 2012), at which University College London Hospitals NHS Foundation Trust and the NHS SDU will be encouraging NHS staff to think more about the need for a more sustainable healthcare delivery system and, thereafter, to involve them in 'green' initiatives going forward.

IHEEM events/education manager, Siân Barker, explained: "Dedicated volunteers are preparing a comprehensive electronic event pack for the day to be made available

in the first week of February via email to all individuals and organisations signed up. The information will also be downloadable from a purpose-built event micro-site, at www.nhssustainabilityday.co.uk

"The pack will include suggestions for ways for NHS staff to raise sustainability awareness on the day locally, such as posters, stickers, statistics, and case studies, plus tips on making the day educational, action-packed, and fun."

To pledge your support, or to receive further information, email: sustainabilityday2012@uclh.nhs.uk

Expert advice on dealing with 'uninvited guests' on offer

Among the expert speakers set to present at two IHEEM Infection Control & Pest Control seminars, entitled 'The Uninvited Guests' next month (1 March in Leeds, and 14 March in Birmingham, see also *HEJ* – January 2012, page 8), will be highly experienced environmental health officer, Roger Hart, who has latterly specialised in food safety, food hygiene, and pest control, advising numerous NHS Trusts, universities, food manufacturers, and offshore oil installations.

IHEEM events/education manager, Siân Barker, says: "Roger Hart's work has put him 'on both sides of the fence', as manager of a council pest control service, as a field biologist for a pest

control contractor, in a Cadbury's factory, and as an auditor. He is looking forward to sharing his knowledge at these two seminars, for which delegate places are still available." To book, visit: www.iheem.org.uk/events T: 023 9282 3186, or email: sian.barker@iheem.org.uk

Water seminars re-scheduled

Due to unforeseen circumstances, the IHEEM water quality seminars ('The Invisible Threat') scheduled for 12 and 14 June will now be held on 17 July in Leeds and 19 July in London. Leading *Legionella* expert, David Harper, is a confirmed speaker, and is assisting with seminar programme. Further details to follow soon, or see the IHEEM website.

Diary dates

- 9 Feb:** IHEEM seminar, 'Dirty Little Secrets', on decontamination of medical devices. Hilton Metropole Hotel, Birmingham. T: 023 9282 3186 Email: sian.barker@iheem.org.uk
- 1 Mar/14 Mar:** IHEEM seminar, 'The uninvited guests' on infection control/pest control. The Rose Bowl, Leeds, and Hilton Metropole Hotel, Birmingham. T: 023 9282 3186 Email: sian.barker@iheem.org.uk
- 14 Mar:** IHEEM West Midlands Branch presentation by Static Systems Group – 'Solutions-driven IP... the application of IP technology for healthcare communication and alarm systems'. Edgbaston Cricket Ground, Birmingham, followed by optional tour of ground. Email: lyn.nicholls@staticsystems.co.uk
- 20-22 Mar:** *Ecobuild*. ExCeL, London. T: 0207 560 4445; www.ecobuild.co.uk
- 28 Mar:** NHS Sustainability Day of Action (see left). Email: sustainabilityday2012@uclh.nhs.uk
- 17 Apr:** 'A New Strategy for NHS Procurement: Maximising benefits and opportunities'. Manchester Conference Centre. T: 01782 613924 www.tinyurl.com/7ud37kk
- 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/whe
- 23-24 May:** IHEEM Northern Ireland Branch bi-annual 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 sands'. Telford International Centre, Telford. T: 0844 571 7250 www.hefma.co.uk/conference
- 17 Jul/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:** IHEEM Healthcare Estates 2012. Manchester Central. T: 023 9282 3186 www.healthcare-estates.com www.healthcare-estates.org.uk

IHEEM Council will gain from pair's experience

Two new members – Derek Chaplin and Mark Richards – have been elected to the IHEEM Council.

Derek Chaplin has recently retired from his role as head of Estate Services and chief engineer at the Southampton University Hospitals NHS Trust, having progressed through various posts, including hospital engineer and works manager, to this last full-time position. He began his career by completing an indentured student apprenticeship with cable maker Pirelli-General, and studying mechanical engineering, before a gap year with VSO in Jamaica teaching aspiring millwrights. After subsequently joining the Wessex Regional Hospital Board scheme for trainee hospital engineers, he studied Building, and attended the IHospE/NHS Estates 'Keele courses' for management training.

A staunch IHEEM Southern Branch member (he has twice been Secretary), he achieved his C.Eng after studying for the CIBSE examinations, and, aged 50, gained an MBA from the OU Business School. He has recently joined IHEEM's Conference & Exhibition Committee.

Mark Richards completed a Professional Engineering Apprenticeship with the CEGB, and continued to work there for several years, before joining Nottinghamshire County Council as an



Derek Chaplin.



Mark Richards.

electrical design engineer, where he gained a degree in Integrated Engineering at Nottingham Trent University that enabled him to join the IET, and obtain his CEng. He later became the County Council's principal planning supervisor, and a regional committee member of the Association of Project Safety.

Following 20 years' local government and construction experience, he joined TAD Architects to head up TAD Facilities Management as an Authorising Engineer, and TAD Project Safety as a CDM coordinator.

After joining IHEEM shortly afterwards, he was soon asked to join the East Midlands Committee. He will also chair the IHEEM Electrical Technical Platform.

Yorkshire branch has new chair

Alison Ryan, an executive mechanical engineer at DSSR Consulting Engineers in Harrogate, who is an honours Graduate with a BSc in Physics, a Chartered Engineer, and a member (MIHEEM) of both IHEEM and CIBSE, is the new chair of the Institute's Yorkshire Branch.

Also the holder of an



MSc (Distinction) in Building Services Engineering Management, she has worked within the building services sector for over a decade after finishing her Physics degree at Leeds University, and has been involved with IHEEM's Yorkshire Branch since 2009.

Her spare-time interests include running, travelling, and socialising.

Obituary: Walter Turnbull

Walter Turnbull, a member of the Institute until recently, has died, aged 83. He had a long career in the health service, latterly at Good Hope Hospital in Sutton Coldfield in the West Midlands, where former colleagues have fond memories of him.

He was a strong supporter of IHEEM, having joined the institute in 1957, and sat both on a number of committees in the West Midlands, and on IHEEM's national Council, as well as on other standing committees.

Congratulations

IHEEM would like to congratulate the following, who had Institute grades awarded recently:

Fellow

Steven Buchan
Joe Gill
Steve Goddard
Yu Wing Ha
James Hayward
John Rayner
Alexander Rodger
Simon Thurston

Member

Andrew Birch
Joanna Bula
Jonathan Close
Christopher Johnston-Stuart
Paul Jones
Rania Lafi
Leon Le Cras
Christopher Limpus
Paul McAdams
Andrew McCallum
Robert McCrea
Tom Putt
Donal Roche
Mark Snell
Ryan Wong

Associate Member

Kevin Villiers

Student Affiliate

John Cole

Graduate

Peter McConaghie

Company Affiliate

Aid-Call Tynetec
Armadillo LED
Belimed
Climate Consulting
EMSc/Powerstar
Lerch Bates
Medicare Systems
Nalco
Norland Managed Services
Orchid Facility Management
Optima Products
Oventrop UK
Scott Tallon Walker Architects
Vistamatic
Vizcall