



# Institute News

**Editor:** Jonathan Baillie  
jonathanbaillie@stepcomms.com

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

**Business Manager:** Nick Carpenter  
nickcarpenter@stepcomms.com

**Business Manager online:** Chris Vincent  
chrisvincent@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

**Published ten times a year by:**

Step Communications Ltd  
Step House, North Farm Road,  
Tunbridge Wells, Kent TN2 3DR  
Email: [hej@stepcomms.com](mailto:hej@stepcomms.com)  
Web: [www.healthestatejournal.com](http://www.healthestatejournal.com)  
Tel: 01892 779999  
Fax: 01892 616177

**Published on behalf of:**

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](mailto:office@iheem.org.uk)

Web: [www.iheem.org.uk](http://www.iheem.org.uk)

**President:** Paul Kingsmore BA(Hons), MBA,  
CEng, FIMechE, FIHEEM, MCIM

**Chief Executive:**

Julian Amey MA, FRSA  
[julian.amey@iheem.org.uk](mailto:julian.amey@iheem.org.uk)

**Accounts Manager:** Annabelle Morgan  
[annabelle.morgan@iheem.org.uk](mailto:annabelle.morgan@iheem.org.uk)

**Recruitment/Membership Manager:**

Chris Parker  
[chris.parker@iheem.org.uk](mailto:chris.parker@iheem.org.uk)

**Events/Education Manager:** Siân Barker  
[sian.barker@iheem.org.uk](mailto:sian.barker@iheem.org.uk)

**Membership Officers:**

Clair Wilkins  
[clair.wilkins@iheem.org.uk](mailto:clair.wilkins@iheem.org.uk)

Kate Newman  
[kate.newman@iheem.org.uk](mailto:kate.newman@iheem.org.uk)

**Journal Subscription**

UK		Overseas	
Annual	£88	Annual	£99
Half year	£53	Half year	£59
Cost per issue	£17	Cost per issue	£18

©2012: The Institute of Healthcare Engineering  
and Estate Management  
UK ISSN 0957-7742

Printed by Printwells, Tunbridge Wells, Kent TN2 3XF

Neither the Institute nor the Publisher is able to take any responsibility for views expressed by contributors. Editorial views are not necessarily shared by the Institute. Readers are expressly advised that whilst the contents of this publication are believed to be accurate, correct and complete, no reliance should be placed upon its contents as being applicable to any particular circumstances. Any advice, opinion or information contained is published only on the footing that The Institute of Healthcare Engineering and Estate Management, its servants or agents and all contributors to this publication shall be under no liability whatsoever in respect of its contents.

## 'Strategic objectives' set out in IHEEM's five-year plan

IHEEM's Council has adopted six key strategic objectives, supported by the Institute's CEO, Julian Amey, and the management team, as part of a 'five-year plan' designed to take IHEEM to the next stage of its development. This follows a recent 'Strategy Day', at which the Institute's Trustees met with the head office team to consider a number of papers produced by staff, and to 'work towards the creation of the plan, looking forward to IHEEM's 75th anniversary, in 2018'. The key objectives, and some of the principal elements envisaged for each, are to:

- Build membership to 5,000 by 2018, via membership growth both in the UK and overseas. Initiatives planned include establishing a 'Young Member Group' and a Mentoring Programme; initiating a 'Member get Member' campaign; developing an 'Eminent Members' scheme; greater engagement with Branches; launching a 'Membership Roadshow'; encouraging leavers to re-join IHEEM, greater employer engagement, and use of e-mail newsletters.
  - Develop the membership package to be 'more relevant and desirable', including considering how to better work with other professional Institutes, and surveying existing and leaving Members.
  - 'Strive to be the specialist educational provider of CPD in the healthcare engineering sector', via an events programme covering 'hot topics' and relevant subjects; effective event marketing and expanding the variety of events and formats offered; 'building relationships' with Company Affiliates and employers; on-site training programmes; developing collaborative events with other Institutes; promoting
- IHEEM CPD; gaining sponsorship to support Institute goals; reviewing and developing the annual conference and exhibition, and extending the event programme with branches.
- Reduce costs 'by encouraging cost-effective meetings', including via greater use of telephone and videoconferencing – thus reducing 'unnecessary' face-to-face meetings; cutting Committee costs; regular reviews of overhead and office costs; seeking 'safe investment opportunities' to increase interest revenue and maximise returns on surplus funds, and building relationships with other organisations and business partners.
  - Become 'the arbiter of guidance for health technical guidance' with the Department of Health, via endorsement, including holding of meetings with the DH to discuss the future of HTMs and HBMs.
  - Be 'the definitive voice' within the healthcare engineering and estate management sector, through raising the Institute's profile; 'being proactive and responsive', and 'the source for media experts' – with a bank of appropriate speakers able to comment on health policy and news to encourage interaction with national Government; increasing involvement in consultation with the Department of Health, BSI etc, to ensure IHEEM is 'at the top table'; encouraging dialogue with the Health and Safety Executive and the Care Quality Commission, and 'engaging more with academia'.

IHEEM CEO, Julian Amey, said: "The draft plan will now be refined over coming months, with a view to its adoption at October's Healthcare Estates conference and exhibition."



*IHEEM Trustees and head office personnel discuss the Institute's future goals at a recent 'Strategy Day'.*

# Free Institute membership offered to course recruits

IHEEM has entered into an arrangement with Eastwood Park, via which candidates on the training establishment's Foundation Degree in Medical Technologies course will, subject to their application to join the Institute being successful, benefit from having their IHEEM membership fees paid for the first two years.

IHEEM has long supported this degree course; the Institute's William E Schall Award for Excellence in Medical Technologies (*HEJ* – May and June 2012) goes annually to the graduate who has made the best contribution while studying on it. Successful applicants for the course will have their application paperwork reviewed by the IHEEM Membership Committee in the usual way, with a view to their being awarded a grade appropriate to their age and qualifications. A sample of previous candidates suggests that most candidates under this arrangement will also be eligible for registration as Engineering Technicians upon joining IHEEM.

Chris Parker, IHEEM recruitment and membership manager, said: "I am delighted to be able to work with Eastwood Park and Kingston University in adding value to the Foundation Degree Course. We are always seeking innovative ways of increasing IHEEM's membership numbers, and, as well as achieving that



Carol Holloway.

aim with this scheme, we will be able to offer the full range of membership benefits to candidates on this course as soon as they commence their studies."

Carol Holloway, training manager, work-based-learning, at Eastwood Park (pictured), adds: "Many who have successfully completed the course have gained promotion, increased job satisfaction, and remuneration, through achieving a higher-grade

position, and membership of IHEEM will serve to further develop our graduates. I would, however, remind those keen to join the next course that the latest date for applications is 14 September, and places are limited."

Eastwood Park – which developed the Foundation Degree in partnership with Kingston University, and in association with the Department of Health, IHEEM, and the Sector Skills Councils, SEMTA & Skills for Health, the MHRA, IPeM, and IDSc – says the work-based course 'specifically addresses the skills shortage and career development issues in the medical technology sector'. 'Unique to Eastwood Park Training', the degree can be taken while working full-time, and allows access to the final year of a flexibly delivered Kingston University London Honours Degree programme. For more details, visit: [www.eastwoodpark.co.uk/training/t\\_courses\\_found\\_mt.htm](http://www.eastwoodpark.co.uk/training/t_courses_found_mt.htm)

## Diary dates

**18 Sept:** IHEEM Southern Branch presentation on indoor air quality, by Nationwide Filters, followed by Branch Meeting, Southampton General Hospital. T: 023 8079 8433. Email: [neil.haskell@uhs.nhs.uk](mailto:neil.haskell@uhs.nhs.uk)

**18 Sept:** IHEEM East Midlands Branch presentation on 'Solution-driven IP – the application of IP technology for healthcare communication and alarm systems', Nottinghamshire CCC, Trent Bridge, Nottingham, followed by a tour of the ground. T: 07979 854691. Email: [peter.pierce@lcrfms.nhs.uk](mailto:peter.pierce@lcrfms.nhs.uk)

**19 Sept:** The Health and Care Infrastructure Research and Innovation Centre (HaCIRIC) International Conference, 'Transforming Healthcare Infrastructure and Services in an Age of Austerity', St David's Hotel & Spa, Cardiff. <http://tinyurl.com/bpwusx>

**9-10 Oct:** Healthcare Estates 2012, Manchester Central. T: 023 9282 3186; [www.healthcare-estates.com](http://www.healthcare-estates.com)

**14 Nov:** IHEEM Southern Branch presentation on lift standards, by David Smith, Cook & Associates, followed by Branch Meeting, Southampton General Hospital. T: 023 8079 8433. Email: [neil.haskell@uhs.nhs.uk](mailto:neil.haskell@uhs.nhs.uk)

**15 Nov:** North-West Branch presentation by Horne Engineering, Tameside Hospital, Ashton-under-Lyne. T: 01457 867637. Email: [prtansley@googlemail.com](mailto:prtansley@googlemail.com)

**6 Dec:** North-West Branch visit to the Christie Unit, Royal Oldham Hospital. T: 01457 867637. Email: [prtansley@googlemail.com](mailto:prtansley@googlemail.com)

## 2013

**16 Jan:** IHEEM Southern Branch presentation on 'Understanding circuit protection selectivity and back-up protection', by Steve Anderson, Eaton, followed by Branch Meeting, Southampton General Hospital. T: 023 8079 8433. Email: [neil.haskell@uhs.nhs.uk](mailto:neil.haskell@uhs.nhs.uk)

**10-12 Apr:** 5th European Conference for Hospital Engineering, Kursaal Bern Culture & Congress Centre, Bern, Switzerland. T: +41 61 733 0128. [www.eche2013.ch](http://www.eche2013.ch)

## New IFHE President attends N. Ireland event

IFHE's new President, Norway's Ole Rist (see also pages 18 and 19), was a guest at May's IHEEM Northern Ireland Branch biennial conference and exhibition at the Slieve Donard Hotel and Spa in Newcastle, County Down (*HEJ* – April 2012), having been invited by Branch Secretary, Joanna Dougherty.

He writes: "The venue was set in beautiful surroundings, which were well worth visiting in their own right. I was able to see and hear about products and services from over 40 companies at a sizeable, well-attended exhibition, with many of the stands, due to their sheer size, being located outside the hotel. Among them were a moveable



Courtesy of Peter O'Hara Photography

power plant with co-generation, a mobile operating theatre, and a transportable gas-fired heating and cooling unit, while I was also intrigued that a company had developed a water tap system that incorporates U/V lamps to combat

*Pseudomonas* bacteria. The recent Northern Irish *Pseudomonas* outbreaks were discussed in a paper presented on the event's second day by Dr Anne Loughrey, a consultant microbiologist at the Belfast Health and Social Care Trust.

"The conference opened with welcoming speeches by myself, IHEEM President, Paul Kingsmore, and chairman of the IHEEM Northern Ireland Branch, Nigel Keery. Around 200 delegates attended, hearing presentations on a broad range of subjects. I would like to thank IHEEM for the opportunity to represent IFHE at the Northern Ireland Branch event, and to congratulate the Branch members on organising it so well."

# Continuing learning process

One of IHEEM's latest new Members is Baljit Bhogal, currently a public health engineer at WSP UK, based in Birmingham, who hopes joining the Institute will help him both to gain new knowledge, and share his experience with others.

Having spent five years 'on the tools' after completing a formal apprenticeship as a mechanical installation pipe fitter, his early career saw him refurbishing mechanical and electrical plant, systems, and plant rooms, in nursing homes and sheltered accommodation. Baljit Bhogal said: "I would always look at plantroom schematics and admire the engineer/draftsman for designing such systems. I feel I am still learning something new every day, and have not stopped studying."

After leaving school and college, he studied for a City & Guilds in Mechanical Engineering Services in Plumbing & Gas as part of his apprenticeship, later embarking on a C&G 2330 course in Electrical Installation levels 2 & 3, and subsequently studying for both an ONC, and an HNC in Building Services, on day release. He recently completed a Building



Baljit Bhogal.

Services B.Eng degree at Coventry University, gaining a First Class Honours, and an award 'for Sustainability' from the University and the IET for his dissertation on 'Improving the Efficiency of Ventilation Systems'. He plans to start an accredited MSc in Building Services next month 'to achieve the academic requirements for Chartership'.

Baljit Bhogal said: "Since joining WSP in 2007, I have worked on the North

Staffordshire Hospital P21 and retained estate projects in Stoke, undertaking detailed design on a various buildings, including a new renal unit being built by Laing O'Rourke with a BREEAM Excellent rating, as well as on a project at the Clatterbridge Centre of Oncology on the Wirral. I am currently working on the Llandough Adult Mental Health Unit in Cardiff.

"I first saw *HEJ* five years ago when my technical director gave me a copy. I have since read the magazine regularly. The IHEEM Journal helps young engineers and established professionals alike to increase their knowledge, and is highly informative."

## Investing in the future

JD McGeown, a Belfast-headquartered electrical and facilities management contractor that has provided 'precision engineering solutions' since 1961, serving clients in the healthcare, education, hospitality, retail, arts, community, leisure, and heritage, and residential sectors, has joined IHEEM as a Company Affiliate.

In addition to its Belfast headquarters, the business, which employs some 90 staff, operates two other 'strategically-located' offices in Northern Ireland, one in Omagh, and the other in Londonderry. The company says it has been awarded 'many accreditations and recognitions from governing bodies and inspectorates', hence providing clients with 'reassurance that they are receiving the highest quality workmanship, as well as project management which is regularly audited by independent bodies'.

It adds: "JD McGeown has accumulated five decades of experience in managing expansive projects across all industry sectors. Many of these

projects and clients have enjoyed the simplicity, ease of management, and cost efficiencies, that can be made by having a single, specialised contractor, who can fulfil and deliver end-to-end solutions to their requirements."

JD McGeown was recently among a number of firms to support a campaign by the *Belfast Telegraph* newspaper entitled '100 Jobs in 100 days', which aims to 'encourage business owners to invest in their own companies, and in young people, by hiring apprentices'. According to a recent *Belfast Telegraph*, story, published on 20 June, and quoting JD McGeown contracts manager, Marty McCusker, the company 'stopped its apprenticeship scheme during the downturn, but found it had no new blood to replace staff who were retiring or leaving for new jobs'. In the past six months, the article added, it had taken on three new apprentices, who were 'getting an insight into all aspects of the trade – industry, administration, estimating, quantity surveying, and management'.

## Congratulations

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

### Fellow

- Kwok Cheung Chan
- Jeanette Galpin
- Kenneth Hall
- Edward Hayes
- Wai Man Ho
- Neil Pearce

### Member

- Simon Adamson
- Baljit Bhogal (see left)
- Anna Bignell
- Richard Bourne
- James Chadwick
- Ray Cochrane
- Simon Epstein
- Kwing Wa Ho
- Michael Hollyman
- Garry Johnstone
- Mark Libby
- Richard McCormick-Wilson
- Colin McKie
- Robert Prowting
- Kevin Taylor
- Christopher Tobin

### Associate Member

- Lee Hepburn
- Roger Perkins

### Company Affiliate

- Associated Medical Equipment (AME)
- Cadogan Consultants
- Exled
- GE
- JD McGeown (see left)
- Low Carbon UK
- PPL Training
- Purite
- Varming Consulting Engineers
- Wardray Premise

### Student Affiliate

- Shiva Sedai
- Stacey White

### Engineering Technician

- Christopher Kelly

### Incorporated Engineer

- Christopher Eccles
- Christopher James

Are all NEW MEMBERS OF  
YOUR STAFF aware of the  
Institute and its services?

**PLEASE ENCOURAGE  
THEM TO JOIN!**

[membership@iheem.org.uk](mailto:membership@iheem.org.uk)



# DH 'quartet' join the list of speakers, with conference numbers set to beat last year



*Peter Sellars, Paul Roberts, Dr Elizabeth Jones, and Rachael Whittaker, all of the Department of Health, have recently joined the list of speakers for this year's Healthcare Estates conference in Manchester.*

**The 2012 IHEEM Healthcare Estates annual conference is on track to beat the number of delegates who attended the 2011 event, with over 400 attendees expected this year, say organisers i2i Events Group.**

"In early July there were already more than 170 attendees confirmed for the conference, which takes place at Manchester Central from 9-10 October," said i2i Events Group. "NHS estates professionals from over 30 organisations make up some 46% of delegates who have already booked places. With a number of exciting recent additions to the programme, there is now even better delegate content, including a quartet of Department of Health speakers: deputy director, NHS Estates & Facilities Policy Division, Peter Sellars (*HEJ* – June 2012); estates colleague, Paul Roberts, who is risk management advisor/guidance development lead, NHS Estates & Facilities; Dr Elizabeth Jones, head of Patient Environment, and Rachael Whittaker, Patient-led Inspections Programme Officer.

## A chance to 'take stock'

"The conference provides an excellent opportunity for the estates community to take stock of the changing environment heralded by the Health and Social Care Act through expert-led plenary sessions. In addition, the focused best practice stream sessions will help estates leaders take control of the improvements they need to make to drive efficiencies and quality within their organisations."

"Full details on the programme are available at [www.healthcare-estates.org.uk](http://www.healthcare-estates.org.uk). The early booking rate ends on 7 September, so book your place soon before delegate rates increase – and remember that there are discounted

prices for NHS staff and IHEEM members. Places are also going fast for the IHEEM Annual Awards Dinner on 9 October at Manchester's Midland Hotel. To book places, visit the same website address."

According to the organisers of this year's exhibition, Step Exhibitions, meanwhile, with 'a surge in recent bookings', by the middle of August all stand space is likely to be fully booked, two months before the show opens.

Steve Webb, exhibition director, said: "Healthcare Estates currently has over 140 exhibitors confirmed. Within the past few weeks organisations to have joined the list of exhibitors include Ideal Standard, Mitie, Gleeds, GE Corporate, Pegler, powerPerfector, Turner & Townsend, and Kone. We have also signed up Specialist Joinery Group, Fast Park, NJL Custodial, P4 Fastell, Swallow EMP, Artinsite, Fine Green Associates, and Tobermore."

## Driving down energy costs

One company to book a stand recently is powerPerfector. "We view Healthcare Estates as an excellent opportunity to network with those with a responsibility for reducing energy costs in healthcare," says Wayne Muncaster, head of sales. "Thirty-six NHS Trusts are already benefiting from our VPO technology, and have reduced their electricity bills, and ensured greater security of supply, by harnessing our integrated power conditioning technology."

Jim Woolley, UK business development manager at Kone, another company to recently sign up, said: "Kone is the world's only company to bring together, into one strategic portfolio, elevators, escalators, and doors – all critical elements in successful 'people flow' within any healthcare facility. We are very excited that we will have the opportunity to share our

technology and innovations with the many influential visitors expected at this year's Healthcare Estates exhibition."

## Complimentary presentations

In line with the rapid take-up of exhibition space, Steve Webb says pre-registrations for both exhibition visitors and conference delegates are up. He adds: "With a number of new initiatives this year, the exhibition will provide really valuable information for visitors and delegates alike. There will be over 20 hours of complimentary presentations, with three theatres on the exhibition floor, including two new areas providing highly relevant content. We have worked very hard to provide relevant and timely content which will link directly with that in the IHEEM annual conference that runs at the same time. Key topics set to be addressed within the conference will include the implications of the Health and Social Care Bill, the future of healthcare design, and the new NHS PropCo, and all these will be reflected in our feature areas at the exhibition, which will be manned by representatives from construction companies, architects working in healthcare, NHS professionals, and exhibitors."

One of this year's new exhibition features will be the Contractors & Architects Theatre, where among those presenting will be ProCure21+, Architects for Health, Stantec Anshen + Allen, ADP, Elliott Group, and AFL Architects. Topics covered will include:

- What are specifiers looking for, and what criteria do they use?
- Exemplar new hospitals (including the new Tunbridge Wells Hospital in Kent, and the South West Acute Hospital in Enniskillen) – design and community challenges.

- 'Frameworks and how to use them'.
- Refurbishment and making current facilities/estates fit-for-purpose.

### 'Roundtable' events

Steve Webb said: "The second new area (supported by Capita Symonds, with two additional service firms to be confirmed shortly), meanwhile, is the Estates Management & Consultants Theatre, which will see a series of roundtables held each morning from 10.00 am to 11.00 am, each able to cater for up to 10 people, covering key topics."

Subjects covered will include:

- Estate rationalisation and space optimisation.
- How estates operations, assets, and activities, integrate within NHS Trusts (Strategic asset management).
- Alternative use of property.
- Outsourcing property management.
- How can service firms help NHS Trusts to 'understand' their estates?

The exhibition area will also incorporate two other theatres, where visitors will be able to listen, free-of-charge, to presentations. The *Health Estate Journal* Product Showcase Theatre will feature case study-based presentations showcasing some of the latest products and technology targeted at the sector, delivered by exhibitors, in some cases presenting jointly with end-users such as NHS Trusts. Day 1 presentations will focus on the theme of 'Wasted energy is wasted money', while the Day 2 theme will be 'Improving the patient environment'.

### Sustainability spotlighted

Steve Webb said: "Last year the BRE Sustainability Theatre proved very popular, and in 2012 the Theatre will offer a programme running over the show's two days that will include a number of case studies addressing design, safety, BREEAM, and refurbishment in healthcare. Day 1 presentations will focus on 'Design & Safety', building on discussion and debate from the last two Healthcare Estates events, and there will also be opportunities to hear about the new DQI tools (successors to the AEDET tools), listen to case study presentations on successful design projects, and to learn more on how to implement effective fire safety measures in healthcare premises using the latest evidence-based knowledge."

Day 2 will address 'BREEAM & Refurbishment'. Steve Webb elaborates: "BREEAM 2011 continues to create much debate. While last year's Healthcare Estates conference, of course, saw the first 'BREEAM Outstanding' certificate awarded (to the Sunderland Teaching Primary Care Trust), many Trusts are finding achieving 'BREEAM Excellent' challenging. Interactive sessions will examine BREEAM 2011 and sustainable refurbishment, and how BREEAM tools such as BREEAM In-use can help, reinforced by case studies."

### New supporting organisations

Step Exhibitions has also announced two new supporting organisations; the Design in Mental Health Network will hold its quarterly meeting on the morning of 9 October at the Manchester event for

members and other leading individuals within the mental health sector, representatives from the Department of Health, and exhibitors, followed by 'an exhibition walk-around'. "This is a fantastic opportunity to engage with key mental health professionals and find out what they are looking for for their facilities over the next few years," said Steve Webb.

The second new supporting organisation this year, the National Association of Healthcare Fire Officers (NAHFO), will be holding an afternoon workshop on 9 October within the exhibition area, open to members, affiliates, and exhibitors, covering hospital fire safety topics, and some of the latest fire prevention, alarm, and control systems. NAHFO General Secretary, Peter Aldridge, said: "Working with Healthcare Estates and IHEEM provides a great opportunity for NAHFO members to better get to know the healthcare estates sector and the challenges it faces, and enables the Association to establish liaison with other bodies on matters of common interest."

### Registration details

To register for the exhibition, visit: [www.healthcare-estates.com](http://www.healthcare-estates.com)

For full details on exhibiting and stand prices, contact the exhibition sales team: T: 01892 518877, or e-mail: [healthcare@stepex.com](mailto:healthcare@stepex.com)  
For conference details and delegate rates, T: 0845 056 8299, visit [www.healthcare-estates.org.uk](http://www.healthcare-estates.org.uk) or email: [healthstates@emap.com](mailto:healthstates@emap.com)