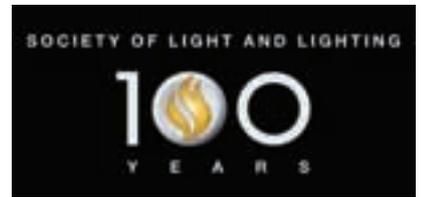


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Newsletter

The Society of Light and Lighting
Part of the Chartered Institution of Building Services Engineers





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When you reach 100 years old, it is perhaps easy to become conservative and complacent. It is clear, however, that the SLL is a vigorous centenarian and that it has an energetic new president determined not to let it rest on its laurels.

I have been to a few SLL AGMs in my time, and I think it would be fair to say that, as with many such occasions, the preponderance of the audience is usually male and, what's more, won't see 50 again. But the average age came down a little at this year's event, with a noticeable contingent of younger lighting designers, including more female faces. As Stephen Lisk said in his presidential address (see p5), the society 'is perceived as being a bit stuffy, an exclusive club', and communicating its relevance to potential new and younger members is vital if it is to renew and to thrive.

The Professional Lighting Designers Association has been particularly effective in this respect. Its natural constituency is likely to be the younger lighting designer, but it has been very creative in the events it has cooked up to promote the lighting message. Sharon Stammers, the PLDA's UK coordinator, gives her views on the importance of conveying the crucial role of lighting to related professions – and doing it in a fresh, inspiring and invigorating way (see p10).

On the subject of invigoration, the newsletter itself has had a bit of a revamp and will be more fully redesigned for



the next issue. There is no intention of throwing babies out with the bathwater, however, and it remains important that the newsletter reflects what the membership wants of it. I will always welcome feedback and suggestions for content, as well as contributions.

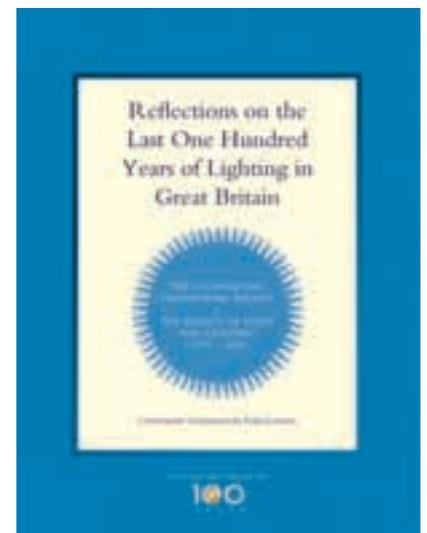
I would like to thank Alan Tulla for his hard work and diligence in editing the newsletter for the past few years, and for his advice and support in making the handover as painless as possible.

Jill Entwistle
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Light reading

Reflections on the Last One Hundred Years of Lighting in Great Britain, is the lucid and comprehensive history of the Society of Light and Lighting (and other developments) by David Loe and Rosemary McIntosh. Any members who weren't at the AGM to pick up their free copy can get hold of the book in various ways. It can be collected from Balham in person or, by prior arrangement, at a Masterclass or other event. Alternatively, it can be posted at a cost of £2 (UK); £3.50 (Europe, inc Eire); £6 (worldwide). The cover price for non-members is £15.

Enquiries: sll@cibse.org



Front cover: entrance and atrium of 3 More London, IALD Radiance Award-winning scheme by Speirs and Major (see p11)

Secretary's Column

First I would like to express my thanks to Patrick Baldrey for all of his help and support over the past 12 months and to welcome Stephen Lisk as our new president. I look forward to developing the same relationship with him. Judging by his presidential address (see p4), Stephen has a lot of plans for the coming year so it's sure to be an interesting one for us all.

I would also like to welcome Jill Entwistle as the new editor of the newsletter. Many of you will know Jill from her previous role as editor of the much-missed *Light* magazine and also for her contributions to other lighting and architectural journals. Alan Tulla has done a remarkable job as editor over the past few years, while also juggling a full-time job. As the new president elect, he will be taking on many more roles within the society so rest assured, he won't have much time to put his feet up.

The various committees that drive so much of the society's functions are all working extremely hard and we would be lost without the contributions of those members involved; they all give up valuable time for the society and their efforts should not go unrecognised. The Education and Membership Committee met up with their counterparts from the ILE in May with a very productive meeting. Each committee met separately in the morning and then we had a joint plenary session in the afternoon. Such was the success of this, it will be repeated twice a year.

This really is the model that we have been working towards with the ILE and my hope is that the other committees can work towards this goal. The committee, aside from dealing with the many membership applications, is also looking at initiatives to increase our membership. Some of you will be aware that during our centenary year, we are offering discounted membership to new members who sign up at SLL events and the overall membership objective for the year is to have a net gain of 100 members in our 100th year.

The Technical and Publications Committee and its various task groups are also achieving great things. The new Code for Lighting CD has been approved and should be available imminently. The Code for Lighting has come a long way since our first edition in 1936 and in addition to being the leading guidance on lighting – and how to comply with the

30-odd European Standards that affect us – it also includes the following:

- Guide to fibre optic and remote source systems
- LG1: The Industrial Environment
- LG7: Office Lighting Guide
- LG9: Lighting for Communal Residential Buildings
- LG12: Emergency Lighting Design Guide

That's all in addition to the latest LIF Technical Statements and SLL Factfiles. Truly comprehensive.

Progress is also being made on the new LG5: The Learning Environment, which should be available next year, and a new publication on Lighting for Licensed Premises. We will be looking at a new version of LG3 (visual display terminals) and LG6 (outdoor environment) in coming months so if you would like to be involved in these, please let me know.

The London Events Committee has lined up a great selection of topics and speakers for the 2009-10 programme, a list of which can be found on the back cover, with more details on the website.

Finally, the Communications Committee, as well as assisting with content for the newsletter, is investigating ways of meeting virtually, through video-conferencing. Not all offices have dedicated facilities but there are a variety of ways of doing this on the internet. If we can save members' valuable time by enabling this, we will all benefit.

Moving on to our celebratory events, booking is now open both for the SLL Centenary and CIBSE Annual Lecture in September, and for the Centenary Dinner at the Criterion in November. Members will be receiving booking forms via email and they can also be downloaded from the website. Or if you prefer, you can book online. The lecture is free to attend but you must register. With three great speakers in Dr Bryson Gore, Dr Frank James and Jonathan Speirs, it is sure to be a memorable evening.

Finally, I would like to congratulate John Holmes, past president of the IES, on his 100th birthday (see p9). To have an SLL centenary in our centenary year is truly special.

Liz Peck
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Focus shifts to umbrella body

'Merging the memberships of the SLL and the ILE would not achieve the overall objectives of successful unification of the lighting profession', was the society's explanation for the much-publicised decision not to pursue an amalgamation with the lighting engineering body. Discussions had begun in March last year.

'The SLL also has a commitment to providing access to a lighting discipline for general building service engineers – as against lighting specialists – within CIBSE, a link which is of value to the lighting profession as a whole,' said the official statement. 'However, looking at

the wider picture, such an arrangement would exclude other important sectors within the lighting profession who, by nature of their constitution, would also not be able to merge with a new body.'

Discussions will now focus on setting up an umbrella body along the lines of the Construction Industry Council, the so-called lighting council which both SLL president Stephen Lisk and CIBSE president Mike Simpson referred to in their presidential addresses.

'Our discussions with the ILE are about unifying the profession, avoiding duplication, working more closely together and setting up a new model

for lighting going forward,' said Lisk. 'I think it's fair to say that we both want the same thing, but after looking at the detail, and with a lot of discussion and feedback from members, we have different views on the best method to achieve this.

'In the future,' he continued, 'we see a much wider body incorporating all the interested parties, becoming a truly representative lighting body. With the ILE and SLL continuing to work closely together, I would expect both organisations to be at the forefront of creating this new body.'

Centenary Lecture

A key event in the anniversary celebrations will be a special celebratory lecture held at the Royal Institution, a venue which holds great significance for the science of lighting and the fervour that led up to the formation of the Illuminating Engineering Society.

The Royal Institution's Dr Bryson Gore and Dr Frank James will lecture on the early work of the RI from the time of Faraday, and will include exhibits and demonstrations from the institution's fascinating collection.

The specialist lighting speaker will be Jonathan Speirs, whose 25-year career in international lighting design began with his co-founding LDP, the first pure, fee-based lighting design consultancy in the UK, in the early 1980s and has resulted in the multi-award-winning consultancy, Speirs and Major Associates.

Speirs's theme will be 'Creativity, Creativity, Creativity' and, referring to the art/science debate, he will contend that 'in reality, architectural lighting design is primarily about creativity, about inspiration, about the idea'.

In order to reach as many members as possible, the event will be available as a webcast for those who cannot attend or who are based overseas.

SLL Centenary and CIBSE Annual Lecture is on 22 September (5.30pm for 6pm) at the Royal Institution, Albemarle Street, London W1. Please note that prior-registration is essential for this event (sll@cibse.org). The lecture will be broadcast from the CIBSE webcast (www.cibsewebcast.com).

Double century

Liz Peck meets past president John Holmes as he celebrates his own centenary

In our centenary year, it seems fitting that alongside the SLL's celebrations, we should have our own centenarian. On May 31, John Holmes, past president of the society, celebrated his 100th birthday.

His career was largely in optical design, starting out with the glassmaker Chance Brothers, before becoming technical director at Holophane. Although he retired from work in 1970, he has continued to take an active part in the lighting industry.

Holmes joined the IES in the early 1930s, serving on the technical committee for many years and contributing to a vast array of publications. He became president of the IES in 1951 and in 1987 he was

awarded the inaugural Lighting Award.

Stephen Lisk, David Loe and I visited him just a few days after he celebrated his milestone birthday. We had compiled a collection of birthday messages from past presidents and other people who have worked with him over the years, and David read some excerpts from the centenary publication, including the tribute to John at the back.

It was a great honour to be in the company of such a distinguished gentleman, still speaking passionately about values and issues which he encountered more than 50 years ago, and of the challenges faced then that we still face today.

Letter: a roof too far, or not far enough?

The FA Cup Final at Wembley was played in fine sunshine, or at least half of it was. Almost on the halfway line the lighting changed from brilliant sun to dark shadow. The contrast was too much for the TV cameras and at times the players simply disappeared into the gloom. There was a noticeable delay before the cameras managed to adjust their exposure. In the other direction there was almost a 'white-out'.

There was continual hunting to find a reasonable image as play ranged from end to end. The conditions seemed to be the same from high level and at pitch level.

There was a dubious decision about

a disallowed goal attempt which on the replay may have crossed the line. Was it fair to the officials to make split second decisions under such lighting conditions?

The spectators also suffered and were shielding their eyes to try and see the action beyond the sunlight.

Surely such lighting conditions were completely predictable at the design stage? The Cup Final in May is an established sporting fixture.

How about completely closing the roof but using a high transmission film that would direct the natural light uniformly across the playing surface?

Richard Forster

Forward thinking

New SLL president calls for communication and cooperation

Celebrating the past is an important element of the centenary year, said Stephen Lisk in his presidential address, but building for the future needs to be the main focus for SLL members if the society is to flourish. 'As with all significant milestones, celebrating our centenary gives us a chance to reflect on who are we, what we stand for, our purpose, and whether as a society we are achieving the goals we have set ourselves.'

Leon Gaster, who proposed the formation of what was then the Illuminating Engineering Society in 1909, envisioned a society based on informality and free speech, that embraced innovation and that was passionate about new ways of thinking, said Lisk. 'I'd like to believe 100 years later that those values still hold true.'

Central to Lisk's speech, entitled Back to the Future, was the five-year strategic plan that the society embarked on two years ago, focusing on four key areas dubbed the four Ms: membership, management, money and marketing.

'We're highly respected. We are seen as leaders in providing technical guidance, a knowledge bank. But we're also perceived as being a bit stuffy, an exclusive club. We know that we're much more than that'

Increasing membership was a crucial area, said Lisk, and it was important not to be complacent simply because the SLL had not lost members.

'Our membership has remained largely static in recent years. Some people will tell you this is a great result given the membership trends of other professional organisations, especially given the current economic climate. But is it good enough? If we're honest with ourselves, we know it isn't. Could we do more? Almost certainly.' ►

'Communicating who we are and what we do will be a primary area of focus for the society this year'



◀ One of the first actions that has been taken to mark the centenary year, said Lisk, has been to introduce an incentive to attract new members at SLL events this year. Not only will the joining fee be waived, but the 2009 subscription will also be subsidised, bringing it to £66. The goal is to achieve a net gain of 100 new members in the 100th year. 'If we can't demonstrate enough value in a year to entice those members to renew at the full rate, then we haven't done our job properly,' he said.

It was vital for the SLL to communicate the value of membership to those who remain sceptical, contended Lisk. 'Over the past year, I have taken the opportunity to canvas the opinion of people in our industry, both members and non-members, about their perception of our society. We're highly respected. We are seen as leaders in providing technical guidance, a knowledge bank. But we're also perceived as being a bit stuffy, an exclusive club. We know that we're much more than that – borne out by the diversity of people in the audience tonight – but it's a message that we are not communicating.'

Marketing was an allied cause in this respect, said Lisk. 'Our brand is strongly identified with technical competency, the publishing of codes and the dissemination of technical information, but that is not the full story and how we communicate this, and ultimately our message, is the key.'

A new committee had been set up to look at all areas of communication and marketing, and had made real progress, he said. Lighting Research and Technology was now available online, there were regular email updates to members on events and publications, and the Code for Lighting CD contained considerably more information than was ever possible with a written publication. The SLL was now even on Facebook, Lisk added. But there was more to be done, he said.

'We are working with the CIBSE marketing team to formulate a dedicated marketing plan for the society and we are looking to create a standalone SLL website to reinforce and strengthen our brand. We have work to do: communicating who we are and what we do will be a primary area of focus for the society this year.'

These issues had to be tackled within the context of a difficult economic situation, the increasing urgency of climate change and the rapid evolution of technology, acknowledged

Lisk. 'The Society of Light and Lighting is not immune to the current economic downturn and the challenges it brings. We must do all we can to support our members in this time of financial uncertainty.'

Climate change was no longer up for debate, he said, and was one of the greatest challenges facing the world today. Here, as in other areas, it was important both to be creative and to cooperate with other disciplines within CIBSE. 'Over the past 100 years lighting has transformed people's lives in a way few thought imaginable. A century later we must again imagine new ways to light our homes, our schools, offices and streets, with new ways of thinking being as important as the embracing of new technologies.'

'Building services now encompasses the disciplines of architecture, engineering, lighting design, daylight design and facade engineering, joining together to create well-designed, sustainable environments.'

Playing a leading role within CIBSE was a huge strength for the SLL, said Lisk. 'Lighting, without question, is a fundamental building services discipline, but it is also an independent profession in its own right.' The society therefore remained committed to forging relationships with other bodies, added Lisk, and especially to working with the new CIBSE president Mike Simpson to create a new umbrella lighting body.

'Our society remains committed to its objective of developing appropriate partnerships, both professional and trade. The prospect of forming a lighting council to embrace all parties is something that has been long talked of, and has my full support. Indeed Mike Simpson has pledged to see in its inception during his CIBSE presidential year. The benefit to the society of having a lighter as president of CIBSE during our centenary year is huge, and I look forward to working with Mike in the coming months.'

There was much to be done to write the next chapter in the society's history, said Lisk, and it involved not only the future of the SLL, but of the profession, and even the planet.

'If Gaster and other founders are looking down upon us,' he concluded. 'I hope they see that the commitment, dedication and aspirations they held one hundred years ago continue to live on in our Society of Light and Lighting.'

sllpresident@cibse.org

AGM awards

Appropriately, this year's AGM took place in the Great Hall of the Royal Society of Arts, the historic setting of the first formal meeting of the society in November 1909.

This year an Honorary Fellowship was granted to David Loe (top right). He was, said Peter Boyce, who delivered the citation, 'a renaissance man of lighting. His interests are wide, his knowledge is deep and his enthusiasm is endless'. David Loe began with the GEC Illumination Laboratory in 1959 and in the mid-1960s helped set up the lighting equipment test laboratory at the BSI.

Later he joined the Bartlett Environmental Studies Group at UCL, establishing the MSc Light and Lighting course there in 1987 and remaining there as director until 1995. Between 1994-2003 he was a consultant to BRE and visiting professor to the Lighting Research Center, Rensselaer Polytechnic Institute in the US. He joined the IES in 1964 and in addition to contributing to numerous

'It is sometimes said that old lighters are like mercury vapour lamps, they never die, they just get dimmer. This is not true of David. Rather, like the high pressure sodium lamp, he bathes all around him with a warm glow and continues to illuminate the path to better quality lighting with his knowledge, thought and enthusiasm.'

– Peter Boyce on David Loe

committees and publications, was chairman of the Lighting Research and Technology editorial board until 2008. He has just co-written the centenary history of the IES/SLL with Rosemary McIntosh.

The Lighting Award went to Lou Bedocs (right), technical director at Thorn, who has had an extraordinarily long and much-travelled career, as the Bartlett's Peter Raynham, who gave the citation, pointed out. In a career which began with Thorn in 1957, Hungarian-born Bedocs has contributed to and chaired countless committees for organisations including ISO, the BSI and the CIE, as well as the SLL. 'He has helped this society in numerous ways and on numerous occasions, and without him our experience of the world of lighting would be much diminished,' said Raynham.

The Leon Gaster Award for the best paper concerned with lighting applications was given to Peter Boyce, Jennifer Veitch (both above right) Guy Newsham and Carol Jones for their paper, 'Lighting appraisal, well-being and performance in open-plan offices: a linked mechanisms approach'. The Walsh Weston Award for the best paper on the fundamentals of lighting went to J Alferdinck, J Barbur, P Bodrogi, M Eloholma, A Forbes, A Freiding, T Goodman, L Halonen, J Ketomäki, P Orreveteläinen, A Szalmas, G Várady and H Walkey for their Mesopic Visual Efficiency Series.

Theo Paradise-Hirst (above right) received his Lighting Diploma and the Regional Award was given to Laurie Socker (right) for his work for the Southern Region. The citation was given by Alistair Scott of Designs for Lighting.

Jeff Shaw of Arup Lighting also announced a new award for lighting students, in memory of former president Jean Heap who died last year. The Jean Heap Award will go to a piece of work by a student on sustainability in lighting.



AGM reception



Among those repairing to the RSA cellars for the post-AGM socialising were Alistair Scott (Designs for Lighting) and Regional Award winner Laurie Socker (above left); former SLL president Barrie Wilde and Martin Lupton, director of BDP Lighting (top right); Grant Daniels of Thorn Lighting, Bob Bohannon of Sill Lighting and Eric Maddock (centre right); former SLL president Stephen Cannon-Brookes (second from left above)

Green shoots

Fight recession by fighting climate change, says CIBSE's first lighter president for more than three decades

Global warming and global recession were the twin issues which had to be on everyone's agenda, Mike Simpson told assembled members of CIBSE at his presidential address at the Royal Society. 'It is against this double challenge I take up the role of leading our institution for the next year.'

What was crucial, he said, was that the second issue should not hamper our goals for resolving the first. 'While commercial organisations focus on business issues and challenges, it is up to leaders in government, industry and organisations such as CIBSE to push climate change up the agenda in UK businesses and homes,' he argued. 'Acting to mitigate climate change is not an optional lifestyle choice and cannot be put on hold until the economy recovers. We must stick to our carbon emissions targets and the UK must deliver on its promises.'

In a speech entitled 7 out of 7, Simpson highlighted the fact that recent analysis by US scientists had demonstrated that Antarctica was showing the effects of climate change, which meant all seven continents were now affected. 'If this continues at its current rate we will see greater desertification of the sub-African continent and a rise in sea levels of 0.7m by the end of the century. That's not in my lifetime, and not the lifetime of my children, but it is in the lifetime of my grandchildren and is not a legacy I want to leave them.'

Rather than allowing cutbacks triggered by the recession to jeopardise carbon emissions targets, said Simpson, this was an opportunity to stimulate growth in the green sector. 'If we are to spend our way out of the recession, then what better way than to speed up the adoption of energy-saving initiatives in the built environment. The solution to economic recovery may lie in the mitigation of climate change. Ploughing money into green technologies, carbon reduction and energy efficiency in our homes and businesses will create jobs and provide a basis for future economic growth. Our members must stand firm in the face of outside pressures to ensure that these technologies are not sacrificed at the altar of short-term cost cutting.'

The institution was well placed to play a crucial role in this area, contended Simpson. 'CIBSE is in an excellent position not only to support our members through these challenging times, but to position ourselves at the forefront of the industry in the mitigation of climate change and carbon reduction. To really drive home the urgency of the need for action to tackle energy shortages.'

The first lighter to become president of CIBSE since Mike Marsden 35 years ago, Simpson also looked particularly at the lighting sector, and the degree of its contribution to the climate change issue.

'Lighting is the most visible consumer of energy in buildings,' he said. 'European buildings consume around 40 per cent of the electricity generated; in places of high density such as Hong Kong that figure is as high as 65 per cent. Lighting load typically accounts for 30 per cent of the electrical load in a commercial building and using today's technology we could save 40 per cent of that.'

Simpson cited measures such as the withdrawal of



GLS lamps from the market – 'lighting's single biggest contribution to reducing carbon' – and the 'lights off' message, which played an integral role in CIBSE's Carbon Clean up Campaigns, as being important steps. He also underlined the crucial role that new technologies such as LEDs would play in this area. 'Solid state lighting is developing at such a pace that it is difficult to predict more than a year ahead where it will be,' he said. 'It will deliver energy savings along with a previously unimaginable palate of new lighting tools for the designer to work with. We are no longer limited by technology, only our imagination.'

Concluding his address, Simpson said that CIBSE had to respond to major challenges in the coming year and beyond. 'CIBSE is uniquely placed to respond to the issue of climate change and to support its members to weather the economic storm,' he said. 'I also believe that the Society of Light and Lighting will be a key player in these debates by working closer with other lighting professionals and other building services engineers in the future.'

A key part of Simpson's address concerned his call for the formation of an umbrella lighting body, modelled on the Construction Industry Council. It was his ambition to see it up and running before the end of his presidential year. Over the past year, he said, the leaders of the different lighting organisations had been working on a formula for this body with the objective of bringing them even closer together in the future.

'By working together on common issues, we can share resources in the best interests of the profession. Obvious areas of cooperation are technical, education and professional recognition, and I am pleased to say that in these areas cooperation is high and increasing. It will be important in the coming years to unite to tackle the issue of climate change and be a single point of contact for government to access expertise from all sectors of the lighting profession.'

Opinion

If lighting design is to get the recognition it deserves, it's time for a fresh approach says Sharon Stammers

It's been a time of presidential addresses and they have all been good ones. We talk a good game. Mike Simpson, the great hope of the lighting community has stepped up to preside over the entirety of CIBSE, Stephen Lisk wowed the SLL Annual General Meeting and our own new PLDA president Martin Lupton stepped into the spotlight in April. Mike Simpson talked about the future and climate change; Stephen Lisk talked about past and future, the history and original aims of the SLL, and Martin Lupton talked about recognition of lighting design as a profession (which, in case anyone has forgotten, we haven't got yet).

At the same time, a huge amount of hot air has been expended on discussing the need for unification in the lighting industry: the dream of speaking with one voice despite the many tongues of lighting; the ideal of creating a 'space' where all lighting bodies have equal weighting and where we achieve collaboration on education, research and standards. But none of this ultimately matters if no-one knows who we are. By we, I mean 'the lighting designer'.

One of the reasons that we remain relatively unrecognised is that our focus is skewed. I think we need a change of approach to unifying the lighting community. The world of lighting is a small and petty one, it is inward looking, has no common front and no serious outreach. We also spend much of our time and energy preaching to the small and dedicated congregation of the converted.



How can we make a serious impact? How can we stop lurking in the shadowy fringe of the built environment? How, as Mike Simpson passionately advocated, will we help to stop the glaciers melting? How do we achieve what the SLL originally set out to do and how do we get recognition? It's certainly not going to happen by talking to each other and endlessly discussing how we present ourselves to the world.

'How can we make a serious impact? How can we stop lurking in the shadowy fringe of the built environment?'

The point is, the world doesn't really know we are here.

There are governments to talk to, energy bodies, architectural organisations, urban planners, town centre managers, landscape architects, interior designers, project managers, quantity surveyors, universities, colleges, cities, regeneration bodies, housing associations, researchers ... We won't make our mark with the piecemeal approach that is our current contribution.

How do we hook them in? Not with more research that doesn't get disseminated into practice, not with new standards that no-one understands, or with overly technical talks. We will achieve it by working together and making a more concerted effort to explain clearly what it is we do and why we do it. We will achieve it by engaging all practitioners involved in the built environment.

The lighting world needs a fresh strategy and I believe some of PLDA's UK initiatives are good examples of thinking differently. Take Lovelight (www.lighting.co.uk/lovelight). Lovelight is a day for architects. They don't have to pay to attend and they aren't going to be lectured at. It's going to be fun and inspirational. In conjunction with the publications Lighting, Architects Journal, Architectural Review and AJ Specification, we are creating a day of short talks by passionate people with the aim of getting architects to sign up to and get involved in loving light. We are spreading the word gospel-style that light and lighting is a wonderful thing.

Take also our campaign Light for Social Identity which we have undertaken in partnership with the ILE. We are championing the idea that we need to invest money and creativity, and use lighting to improve the social housing which affects the lives of 12 million people. In the process we are trying to talk to government, housing associations and the people that actually live in these spaces.

It's time to stop looking inward and talking only to each other. We must start to look outward and talk to the world.

Sharon Stammers, formerly a director of Phoenix Large Light Matters, is UK coordinator of the Professional Lighting Designers Association (PLDA)

Suspended animation

Project analysis of IALD Radiance Award-winning 3 More London Riverside

For the second year running Speirs and Major Associates won the Radiance Award, the top accolade at the IALD Lighting Design Awards presented in New York in May.

The two outstanding features of the winning scheme for the entrance and atrium of 3 More London Riverside are the level of integration with the architecture that the lighting achieves and the fact that the bulk of the illumination derives from one multi-purpose customised fitting. 'We had learned from our work in rehanging all the chandeliers in St Paul's Cathedral how suspending an object of the right size in an otherwise empty space would provide a sense of human scale and assist in supporting the architectural rhythm of the atrium,' says Mark Major. 'The pendants became the key detail into which all our energy was put.'

These 14 workhorse pendants, developed and manufactured by Fagerhult, provide a strong identity for the space as well as a technical solution. A key part of the brief was to keep the lighting simple and elegant, avoiding high level light fittings and clutter.

Measuring 2m, they are just under a storey high, with each fitting incorporating four sources: two 150W ceramic metal halide lamps (with specular reflectors to give both up and downlighting), and two circular 40W T5 lamps to create an internal glow. In addition to general downlighting and a soft glow of light to the atrium roof (the uplight is louvred to prevent direct views into the lamp from above), the fittings also provide low energy emergency and security lighting. The housing can drop down so that the whole inner assembly can be maintained from the cleaning cradle.

Additional lighting comes from ceramic metal halide downlights which light the balconies, together with wallwashers which highlight the rear wall of the atrium as a continuous plane of light. This not only accentuates the artwork – the art incorporated into the space added a further element to the lighting brief – but also puts people into silhouette against the core wall creating dynamism as they move. Light spill from the offices was also intentionally used as an integral part of the scheme.

The bridges are lit by low wattage ceramic metal halide uplights, which provide soft lighting to the soffits while remaining easy to maintain at floor level. Ceramic metal halide downlights are bracketed from the main structure at the entrance, picking up the movement of people passing through the revolving doors.

Project: Entrance and atrium, 3 More London Riverside (part of the More London masterplan around City Hall)
Lighting design: Speirs and Major
Architect: Foster and Partners
Pendant supplier: Fagerhult
Additional suppliers: Erco, Barrisol, Louis Poulsen, Meyer (Commercial Lighting), iGuzzini



'The lighting integrates beautifully with the architecture of the atrium. Each floor is a different story. As people enter and leave each floor, the glowing walls of the core walkways become the backdrop to the daily drama of office life.'
– Judges' comment



'This is a project in which the lighting design is in complete harmony with the architecture. It elevates the visual experience through both powerful and subtle uses of light.'
– Judges' comment

Events 2009/2010

22 September

SLL Centenary and CIBSE Annual Lecture
Speakers: Dr Bryson Gore, Dr Frank James and Jonathan Speirs
Venue: The Royal Institution of Great Britain, London
Time: 5.30pm for 6pm
Please note that prior-registration is essential for this event

1 October

Lighting Masterclass
Location: Manchester
Time: 10am-4pm

13 October

High dynamic range imaging for photometric measurement
Speakers: Axel Jacobs, John Mardaljevic and Birgit Painter
Venue: The Army and Navy Club, 36 Pall Mall, London
Time: 1.30pm for 2 pm

29 October

Lighting Masterclass
Location: Glasgow
Time: 10am-4pm

18 November

SLL Centenary Dinner
Venue: The Criterion, Piccadilly, London, W1
Cost: Members £65. Non-members £85
Time: 6pm-11pm

24 November

CIBSE Presidential Address – the director's cut!
Speaker: Mike Simpson
Venue: The Grosvenor Thistle Hotel, Victoria, London SW1
Time: 5.30pm for 6pm

26 November

Lighting Masterclass
Location: Newcastle
Time: 10am-4pm

15 December

Festive lighting: friend or foe?
Joint meeting with the Institution of Lighting Engineers. Followed by a Christmas drinks reception
Speakers: Nick McLaren and Peter Harrison
Venue: iGuzzini showroom, Business Design Centre, Islington, London N1
Time: 5.30pm for 6pm

2010

19 January

LG5: Lighting in education
Speaker: Iain Macrae
Venue: to be advised
Time: 1.30pm for 2pm

28 January

Lighting Masterclass
Location: Leicester
Time: 10am-4pm

3 February

Young Lighter of the Year final
Venue: The ARC Show 2010, Earls Court 2
Time: 4.30pm-6.30pm

3-4 February

The Arc Show and IALD Enlighten Europe Conference
Earls Court 2
www.thearcshow.com

16 February

Residential lighting
Speakers: Benedict Cadbury and Rebecca Weir
Venue: to be advised
Time: 5.30pm for 6pm

25 February

Lighting Masterclass
Location: Portsmouth
Time: 10am-4pm

16 March

Trotter Paterson Lecture: Mesopic Vision
Speaker: John Barbur
Venue: to be advised
Time: 5.30pm for 6pm

25 March

Lighting Masterclass
Location: Oxford
Time: 10am-4pm

11-16 April

Light+Building
Venue: Frankfurt
www.light-building.messefrankfurt.com

20 April

Optical materials
Speaker: Peter Thorns
Venue: to be advised
Time: 1.30pm for 2pm

29 April

Lighting Masterclass
Location: Telford
Time: 10am-4pm

18 May

AGM, presidential address and awards reception
Venue: to be advised
Time: 6pm-9pm

27 May

Lighting Masterclass
Location: London
Time: 10am-4pm

Lighting Masterclasses:
Masterclasses are kindly sponsored by Holophane, iGuzzini, Philips and Thorn. For venues and booking details, see www.sll.org.uk

Mid Career College: the college runs various courses across the whole spectrum of lighting and at sites across the UK. Full details at: www.mid-career-college.ac.uk

LIF courses: details from John Huggill, 0208 529 6909, or email training@lif.co.uk