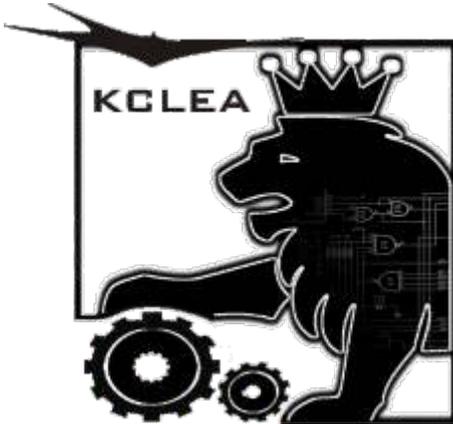


THE

# King's Engineer

ISSUE 9

Autumn 2014



## King's College London Engineers' Association Annual General Meeting Formal Notification

**Friday 28 November 2014 – 6pm**

As in previous years, we are using King's Engineer to give notification of our AGM since it is sent to all KCLEA alumni for whom contact details are available. May I take this opportunity to again remind all engineering alumni that they are

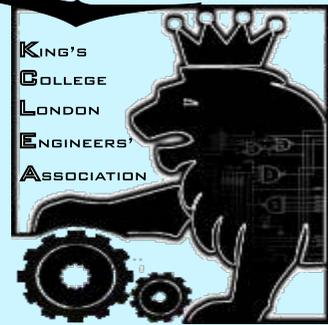
automatically members of the KCLEA and are most welcome to attend the AGM. Please check later on the website for room details or enquire at the Strand reception upon arrival.

### Agenda

- 1) Apologies for absence
- 2) Minutes of the 2013 AGM
- 3) Matters arising
- 4) Officers reports
- 5) Accounts
- 6) Election of Officers and Committee members
- 7) Update on engineering related courses
- 8) Current status of the Bursary Fund
- 9) Progress on the History Project
- 10) Other current initiatives
- 11) The future of the KLCEA, KCLES and bursaries
- 12) AOB

- Chris Bowden, Hon. Secretary KCLEA

Issue 9 and we're still going. The King's Engineer now reaches almost 4000 engineering alumni worldwide. We've moved to an annual format with content refocused on bringing you news and announcements from within King's. As always we feature stories of your fellow alumni and finally a snapshot of the Engineering social gatherings and events.



I really wanted to emphasise the need for your help right now in bringing together the pieces of history surrounding the Division of Engineering since the last records in Skeat's book dated prior 1957. We have commissioned Eleanor Knowles [eleanorcpk@aol.com](mailto:eleanorcpk@aol.com) to collate the information and present it in a modern and suitable format. The easiest way to make a submission is via our website. Spending just 10 minutes to submit a story and a photo will make the world of difference to our efforts, and will help preserve our long and proud engineering history.

-Nigel Sharp  
KCLEA Hon. Editor

The KCLEA committee meeting held on 4 September 2014 opened with the presentation of the '13 Club Trophy' to Graham Raven. Graham received his engraved medal whilst Reggie presided over the meeting from the head of the table. (Note – due to unavoidable circumstances the presentation at the earlier Annual Lunch had to be made without both of these key items)

- Christopher Bowden

## What is KCLEA?

KCLEA is the free membership graduate association for engineers who have studied or worked at King's. *The King's Engineer* is the main KCLEA publication. The Association's overarching aims are to:

- Facilitate communication between members
- Facilitate communication between the College and members
- Provide support for the College and current engineering students
- Provide support for the King's College London Engineering Society (KCLES)



## A message from the KCLEA President

**T**his time last year, I was writing about our very successful Annual Lunch where we suppressed our disappointment with the closure of the Division of Engineering and celebrated 175 years of Engineering at King's. Your committee set themselves the task of building on the occasion and I am pleased to be able to report progress on several fronts. We moved the Annual Lunch to a Saturday and while the numbers were understandably a little down on last year's peak, it was clear that the event is increasingly becoming an important reunion opportunity and the booking of a larger room in College overlooking the river essential.

We have welcomed Liz Beckmann, Peter Weitzel, Mark Whitby and Ted Willis to reinforce the Committee and with their support are pursuing new initiatives including the introduction of an Annual Lecture to be held in the spring and the extension of WO Skeats work on the history of KCLES up to 1957 to the present day. You should have received an email giving everyone the opportunity to contribute and see the article in this King's Engineer. We are expecting to organise an opportunity to hear and discuss the results to date as part of our AGM evening on 28 November.

Liz has agreed to give the First Annual Lecture, on the topic of medical imaging, which will appeal to a wide audience. Having recently had a robotically controlled operation, I have a particular interest in these advances. We look forward to seeing everyone on 18:30, 12 February 2015 in the Kevin Nash Theatre.

My two-year stint as President comes to an end at the AGM. It has been a



fascinating time with good and sad events to report and discuss. It now seems as if electronic engineering is being re-introduced to the undergraduate offerings from King's, and with a new Principal and Vice-Principal team there are clearly opportunities for change.

Continued overleaf...

However, the sad news is the Mike Clode, who has carried the banner high, left King's at the end of August. These changes make it essential that KCLEA remains strong, progressive and supportive of KCLES. As the end of my stint approaches, I should like to thank the committee for their efforts over a difficult period and in particular John Thomson who, having failed to resist my invitation, has restored order after two people had to relinquish the position due to unfortunate personal circumstances.

Those who attended my first AGM as President can testify to a starch-free evening and with a wide range of topics coupled with complimentary wine and nibbles. I look forward to seeing you and if you would like to join us on the committee (or possibly nominate a friend), please let me know. If you are unable to attend and wish to contribute, please contact me ([g.raven@sky.com](mailto:g.raven@sky.com) or 01608 645134). Better still, we could meet over a beer.

Graham Raven  
President KCLEA



## KCLEA Annual Lunch Report, Saturday 7 June 2014

Another highly successful KCLEA Annual Lunch!! The Association was able to return to King's for its annual lunch again this year. Although the Great Hall was unavailable due to ongoing building works, we were able to hold the lunch in the Terrace Café in the Macadam Building and this proved an excellent venue, particularly as the terrace overlooking the river was available after the formal part of the proceedings concluded. To encourage those members with work commitments on Friday to attend, it was decided to hold the lunch on the Saturday of the Alumni Weekend. This experiment appeared to work as attendance, at 75, was about 50 per cent up on previous years (excluding the special event of 2013).

To open the proceedings, KCLEA President Graham Raven welcomed everyone on behalf of the Committee and outlined what was happening with KCLEA, in particular with respect to the project to update Skeat's history of engineering at King's. He stressed the need for everyone to complete and return the questionnaire that had been circulated, in order that Eleanor Knowles, the author we have retained, can commence writing the update. Emeritus Professor Charles Turner spoke about the plans for the return of engineering undergraduate courses to King's in the fields of electronic engineering, electronic and information engineering, and electronic engineering with management. This news was received with enthusiasm.

Chris Bowden, KCLEA Honorary Secretary, then presented Graham with the 13 Club Trophy in appreciation of the hard work that he had carried out during his presidential term, both within KCLEA and in representing the association on the KCLA council.

Honorary Events Secretary Keith Newton announced two more KCLEA events for 2014 and encouraged people to attend.

As is usual, the formal part of the lunch was rounded off by a stirring rendition of the Engineer's War Cry. After this, the party broke in to smaller groups and everyone continued reminiscing with friends.



## King's College London – 175 years of proud Engineering

Soon after the founding of King's College London in 1829, a Department of Engineering was established at King's in 1838, making it arguably the oldest of its kind in England. During this long history, engineering students were taught by such eminent scientists as James Clerk Maxwell, Charles Wheatstone and Sir William Siemens. In 1893, the Department of Engineering was the largest School of Engineering for students in the UK. Engineering at King's College London has always been at the forefront of its academic discipline, by making notable contributions in research, and providing education of the highest standards.

The Division of Engineering formally closed on 31st July 2013, but research and teaching in engineering and related areas continues as part of other units at King's.

The King's College London Engineers' Association remains strong to unite the proud alumni from this historically significant department.



## KCLEA Annual Lecture

“The impact of Engineering on Medicine - from Imaging to Surgery and beyond” by Liz Beckman

12 February, Kevin Nash Theatre at the Strand Campus @ 6pm

Liz gained a degree in Electrical and Electronic Engineering at King's College London, where she was one of the few women studying engineering. She has been working in the medical imaging world for over 30 years. She started her career with EMI Medical in the early days of CT, she has also worked for GE, AMI hospitals, Picker and was Managing Director of Elscint(GB) before founding Landmark Medical Innovations, with Dr Neil Ridyard, in 1989. Liz was President of the British Institute of Radiology from 1993-94, and is a Fellow of the BIR. Liz is also a co-author of the book *Godfrey Hounsfield: Intuitive Genius of CT*.



## Where Are They Now?

We would very much welcome articles from our alumni on how their careers have developed and what they are now doing, similar to those previously submitted by John Richardson, Colin Brown, Paul Mascarenas, Nigel Sharp, John Burton, Terrence Lo, Peter Gould and now Simon Morley (below). Additionally, any small update notes would be welcomed. Please contact us via the website [www.kclea.org](http://www.kclea.org)

I studied engineering at King's, graduating in 2004. Shortly after leaving, I started my own business, PolkaSpots Supafly Wi-Fi. We provide public Wi-Fi hotspots and analytics services to companies around the world.

The programme at King's gave me a unique set of skills that I use daily. From programming to organising Wi-Fi deployments, I couldn't have done it without the knowledge I gained from an engineering degree. (I find little use for thermo or fluid dynamics

– some things never change I guess!)

Nearly 10 years later, we're going strong. We have over 1,000 hotspots around the world, developed our own cloud-based software to manage them and employ seven full-time staff.

Simon Morley





# www.KCLEA.org

The website continues to be developed, now with more dynamic and easily accessible content.

We will tweet any updates from the website, along with event reminders and other news, so leave a message. Don't forget you can also follow us by joining our ever growing Facebook group

Further suggestions for web content can be directed to our webmaster via the website's nifty contact box.



The Engineering Association would like to once again thank the KCLA for their continued financial support towards *The King's Engineer* printing costs but we would also like to stress to our readers that the KCLA's sponsorship is not conditional upon content and does not signify agreement or otherwise with opinions expressed within this publication.

