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# THE KING'S ENGINEER BULLETIN

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Spring 2017

## Engineers' Lunch

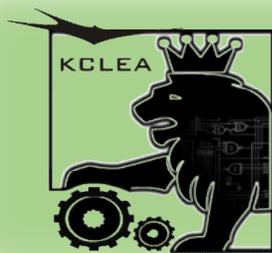
*Come and join us for the annual  
Engineers' Lunch at the Strand Campus*

Saturday 10<sup>th</sup> June 2017

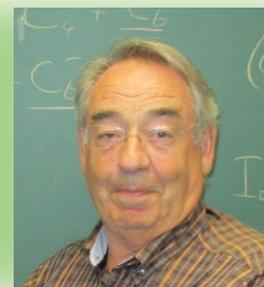


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## A message from the President by Graham Raven



The AGM held last November was memorable for the presentation of the 13 Club trophy to Richard Warwick and his group of 1964 Civils who have a long and enthusiastic record of meeting every July over the past 23 years.

We were also pleased to welcome David Blacoe, who has supported us for many years and two recent graduates, Amber Shafi and Vasilis Lyras, to our committee.

Our third Annual Lecture by Graham Anthony on the Titanic maintained the high standard our multidisciplinary audience has come to expect and once again filled the Kevin Nash Theatre.



*13 Club Trophy being presented to Richard Warwick*

The popular Annual Lunch returns to the Saturday of the Alumni Weekend on 10<sup>th</sup> June. Look out for your invitation which will be sent out shortly by the Alumni Office and come and meet your friends and hear the latest news on Engineering at King's which will be returning to the refurbished area under the Quad in 2019. We are also very pleased that Professor Reza Razavi, newly appointed Vice Principal (Research) will be joining us and has agreed to say a few words about Engineering at King's

Student numbers in Biomedical and Electronic Engineering are building up between now and then. We will be re-introducing student bursaries and the KCLEA medals in the next academic year.

I look forward to meeting you on 10 June but please contact me at: 'g.raven@sky.com', if you have any suggestions or would like to contribute to the future of KCLEA. I was happy to be elected as President again but.....



## KCLEA Activities *AGM, Lecture & Lunch* by Ted Willis



The three main annual activities of the KCLEA are the AGM of the Association, usually held towards the end of November each year; the annual lunch held at the beginning of June; and the annual lecture, usually held at the end of February.

The AGMs tend to be a rather formal occasion, but for the past two years a room has been reserved at the 'Savoy Tup' for an informal gathering with refreshments and a bar. The AGM held in 2016 was well attended and it was great to see some new faces this year. Why not come along next year ?

The Annual lecture, given by Graham Anthony in March 2017, was a 'full house'. The presentation on the topic 'Titanic, from Engineering Triumph to Human Tragedy'. A fascinating lecture and intriguing to think this lecture has been presented to cruise ship passengers on their holidays ! There will be another lecture in 2018. Details in the Autumn edition of the King's Engineer Bulletin.

### **Annual Engineers' Lunch**

The Annual Engineers' Lunch is, taking place during the 14<sup>th</sup> annual Alumni Weekend - *Change Makers*. This year's lunch will take place on **Saturday 10 June 2017** in The Terrace Café, Strand Campus.

The lunch will commence at 12.30 with a welcome drink, followed by a two-course sit-down buffet lunch with tea/coffee - a cash bar will also be available for additional drinks. King's College London Engineers Association (KCLEA) is sponsoring the occasion to maintain the cost at £20, to encourage as wide



an attendance as possible. During the lunch, the KCLEA will update you on the progress of returning Engineering to King's. Partners and guests are very welcome to attend, so why not use this occasion as the perfect opportunity to organise a reunion with old friends ? I look forward to seeing you there



## 13 Club Trophy Award 2016 goes to the KCLCFG by Richard Warwick



The KCLCFG (*Civils Finals Group 1964*) held its first annual reunion at the ICE on Friday 1<sup>st</sup> July 1994 which was the 30th anniversary of our third year result being put up on a KCL noticeboard. There was a good turnout and much reminiscing - so much in fact that by the time someone said 'Let's have some lunch', it was too late as the bar shutters were being lowered! We have held further reunions on the first Friday of July ever since (and managed to have lunch each time!) and which has included an afternoon trip. These have included visits to the House of Commons and the House of Lords, up Big Ben, the London Eye, across the top of Tower Bridge, up the BT Tower, the Bank of England Museum, the British Library, the Cutty Sark, the Thames Barrier, the Greenwich Observatory, the National Maritime Museum, the Docklands Light Railway, the Greenwich Foot Tunnel, the Emirates Air Line (cable car) and the O2 Dome, the National War Museum, MI5 and MI6 headquarters), Kew Gardens, HMS Belfast and the Evelina Children's Hospital and the Florence Nightingale Museum.

The biggest turnout at any reunion was in 2014 when we celebrated 50 years since our graduation. 17 engineers and 9 wives attended plus my son and daughter who thought we were all quite a good lot!

It was in early 1994 when I first had the idea of organising a reunion. I began by looking up members of our group in a copy of the ICE Directory of Members. I was able to find 20 of the 23. I concluded that the other 3 may never have become members of the ICE and I've never traced them. Of the 20, 17 are based in the U K with 2 others in Canada and 1 in the USA. There is often news of 'mini reunions' taking place, for example, three of us, and our wives, visited Vancouver to meet up with the group member who lives there and there is sometimes news of members meeting up for a game of golf. Remarkably, all 20 of us are still alive although we are all now in our middle 70s!



*Richard Warwick KCLCFG*



Did you Know ?  
*King's Engineers*  
by Keith Newton



Did you read the book 'The Colditz Story' or see the film and TV series about the escapes from the German Prisoner of War camp in Colditz Castle in WWII? Patrick Robert Reid was the author and the British Escape Officer at the camp from January 1941 to October 1942 when he made his own successful escape to Switzerland to carry on his part in fighting the war. Pat Reid was a KING'S ENGINEER. He was President of KCLES in the 1931-32 session, President of KCLEA in 1960-62 and a member of the '13 Club'.

The Tower Bridge adjacent to the Tower of London was opened on 30 June 1894 by the Prince and Princess of Wales. At that time it was the largest and most sophisticated bascule bridge ever built. The Engineer for the bridge was Sir John Wolfe Barry. Sir John was a KING'S ENGINEER.



The Royal Corp of Electrical and Mechanical Engineers (REME) was formed on 1st October 1942 because early in WWII it was realised that the existing repair system of the Royal Army was not able to support the massive scale of equipment deployed. One of its first missions was at the Battle of Alamein. The head of REME, was officially known as Director of Electrical and Mechanical Engineering (Army). Major-General Sir Leslie Norman Tyler, KBE, CB, was the director from 1957 – 60. Sir Leslie was a KING'S ENGINEER.



The Thames Barrier, opened by the Queen in 1984, which protects London from flooding, is one of the largest moveable flood barriers in the world. Project Manager for this massive project was Raymond W. Horner, OBE, TD, BSc (Eng), FICE, FIWEM, MIMechE. Ray Horner was a KING'S ENGINEER and President of KCLEA from 1994-96.



Where are they now ?  
*King's Engineers*  
Professor Tony Stevens



Prof Tony Stevens (King's Engineer 1957 -1960), arguably one of the most prolific designers in the history of the Motor Industry has decided to resurrect and update a sports car he designed and launched back in 1980 at the Birmingham International Motor Show. Despite receiving huge acclaim, the potential for high volume sales around the world was not as apparent at this time.

Over the years Tony has progressed the Cipher design through various forms and places around the world with the proposed 2017 cars the best yet in his view.



The new cars are designed to be both glamorous and exciting to appeal to everyone, regardless of sex or age.

The funds required to get into production are relatively small because of the assets brought forward in the form of prototypes, designs, body moulds and a new design and high volume manufacturing technology developed by Stevens Research.

So, let's hope this time is successful and we can look forward to a King's Engineer as a major car manufacturer and maybe enjoying driving his products.

Anyone wishing for more information should contact Tony Stevens by email at: [tony@sportscarsbystevens.co.uk](mailto:tony@sportscarsbystevens.co.uk)





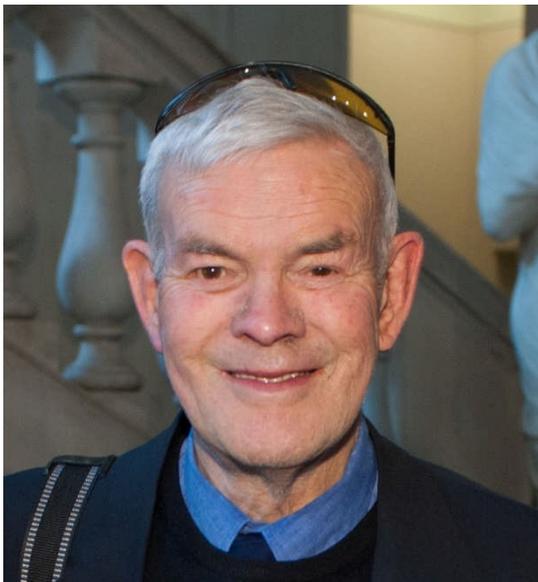
## Obituaries

*Engineers who have  
sadly died in the past year*



The KCLEA has been notified of the following deaths

<i>Name</i>	<i>Discipline</i>	<i>Class of:</i>
William A Davies-White	Mechanical	1958
Colin A Wilson	Civil (KCLEA President 1986/88)	1957
Michael Handcock	Civil	1954



*Dr Robert 'Bob' Hawken whose funeral was held 29<sup>th</sup> November 2016*



It was very sad to hear that Dr Michael 'Mike' Tindall had passed away on the 30<sup>th</sup> December 2016.

I am sure a lot of Mechanical Engineering students will remember him teaching Thermodynamics.

To colleagues he was a source of calm and holistic opinion sought by many.



## Editor's Oddment by Mike Clode



It was lovely to receive so many messages from Engineering Alumni after the mailing of volume 1 of the KEB last Autumn. Thank you.

As our President mentioned in his report it is great news to hear that Professor Reza Razavi has been appointed Vice Principal (Research). This can only be good news for Engineering at King's. There is not an update on the developments in the rebirth of Engineering in this issue of KEB. However, there are a lot of activities in progress. Professor Simon Parsons, Vice Dean (Technology), will report on these developments in the next edition in the Autumn.

Many of you have threatened to give me some content for future KEBs, so please send me your news and/or memories so that I can include these in future editions. It is our intention to produce this twice a year but this will depend on contributions and articles from YOU !! If you have any items of interest to the Engineering Alumni of King's please e-mail me at [kclea@clode.net](mailto:kclea@clode.net). I am happy to consider contributions of all types, including self indulgent ones.

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*I will leave you with a thought. Without Engineers, Science is just Philosophy*

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*Department of Mechanical Engineering 1998*

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