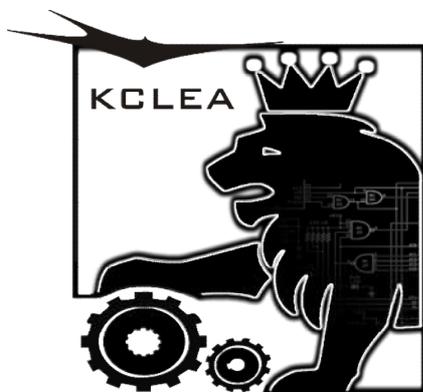

THE KING'S ENGINEER BULLETIN

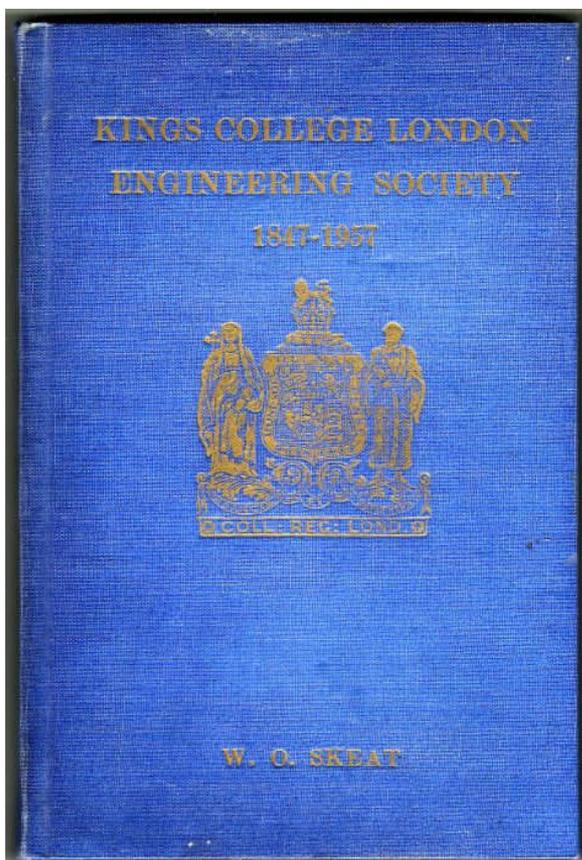
Autumn 2019



AGM 2019

KCLEA
Annual General Meeting
Formal Notification

Friday 29th November 2019 – 6:45pm

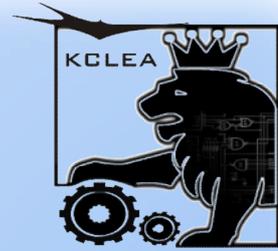


INSIDE

- Annual General Meeting Formal Notification
 - President's report
 - Engineering at King's
 - Did You Know ? King's Engineers
 - Engineers' Lunch Report
 - KCLES Activities
 - Obituaries
 - Editor's Oddment
-

AGM 2019

KCLEA
Annual General Meeting
Formal Notification



Friday 29th November 2019 – 6:45pm

I would like to take this opportunity to remind all Engineering alumni that they are automatically members of the KCLEA and are most welcome to attend the AGM.

Please note that the current officers are willing to stand again.

The venue for the meeting will be room S. 3.05 (Strand building)

We are planning to arrange some drinks and nibbles during discussion after the formal meeting.

Agenda

- 1) Apologies for absence
- 2) Minutes of the 2018 AGM
- 3) Matters arising
- 4) Officers' reports
- 5) Accounts (including Trustees' Report)
- 6) Nominations and Election of Officers/Committee members
- 7) Update on Engineering at King's
- 9) KLCEA
 - a) The Annual Lecture
 - b) The Annual Lunch
 - c) Communication with members
- 10) KCLES report
- 11) KCLEA Bursaries
- 12) KCLEA Medals
- 13) The 13 Club Trophy
- 14) AOB

- *Chris Bowden, Hon. Secretary KCLEA*

I hope to see you there !!!



A message from the President by David Blacoe



AUGUST 2019 - Remember this month! This is the official date for the re-establishment of a Department of Engineering at King's College London. Under the Strand Quad, major building work is taking shape for the new teaching spaces to be opened in 2021. The new General Engineering degree prospectus has been published, with details provided later in this Bulletin.

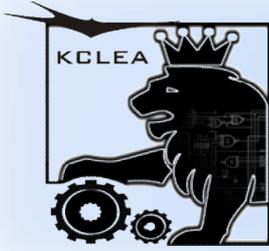
A recently appointed member of the Alumni Office has been assigned to raise Major Gifts in support of the new Quad facilities, with suitable recognition for the donors, either individual or corporate. Your committee has established a working relationship to assist in this initiative.

We continue to nurture a close support of KCLES, following the election of their new officers in the last academic year. They have an comprehensive plan for events this term, including external speakers, career feedback from recent graduates, internship panel, technology workshop, programming classes and of course some active social gatherings! With the assistance of the academic staff, KCLEA will be also awarding undergraduate bursaries and medals during this term.

On a less positive note, the number of attendees at our Annual Lunch in June was significantly lower than last year. We would welcome feedback on whether there is a better format for this gathering of Engineering alumni, staff and students, possibly outside the Alumni Weekend?

Let your voice be heard – we will be holding our AGM on 29th November, so please either come in person or send us a message via 'Contact Us' on our website www.kclea.org.uk.

THIS IS YOUR ASSOCIATION.



A message from the Head of Department of Engineering by Professor Barbara Shollock

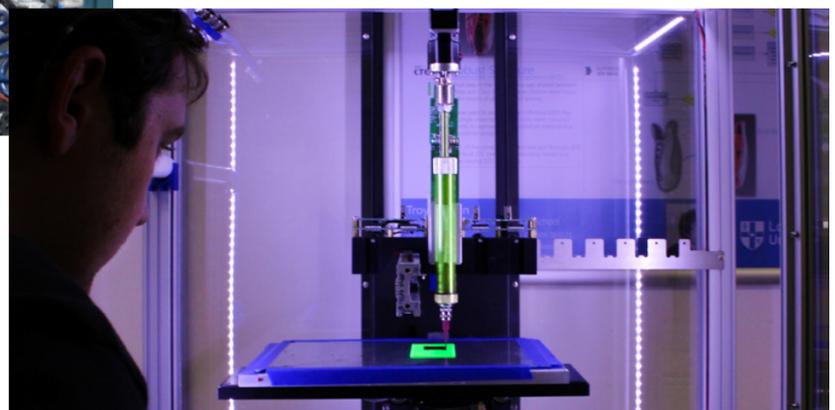
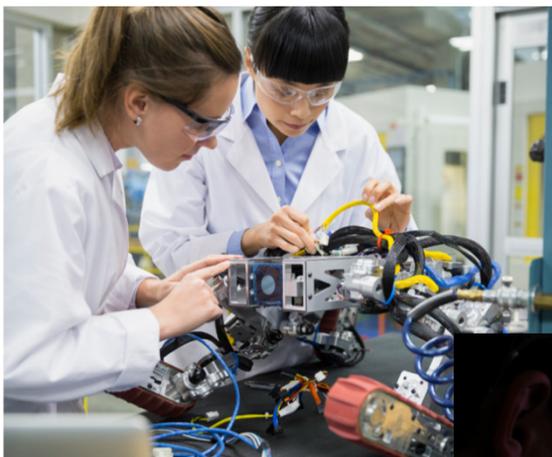


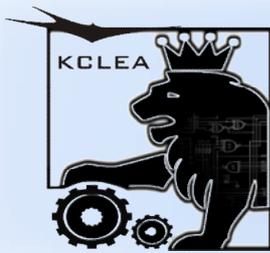
*King's Engineers will study in a dynamic location and teaching environment. Our course will bring together leading Engineering academics in a central London context, to offer deep technical knowledge that is complemented by the perspectives brought by King's wider academic departments. 'Engineers need to be curious, to make connections – that is what will deliver real value to society. London provides new ways to look at old problems – like 'how can we revolutionise transport?' This question requires not only technical answers, but legal, policy, social, economic and entrepreneurial solutions. That is the mind-set we are building for King's Engineers, we are equipping them for future success in an ever changing world.' **

** taken from the General Engineering brochure*

Further information of Engineering activities can be found at:

<https://www.kcl.ac.uk/study/subject-areas/engineering>





Did you Know ?
King's Engineers
by Keith Newton



Have you seen, or even travelled on, one of the Japanese 'Shinkansen' or bullet trains? The first ran in 1964 at a speed of 150-200 mph. It was, at that time, the fastest train in the world, putting Japan in the forefront of rail travel. It runs on standard gauge track unlike most of Japan's railways which run on 3ft 6ins gauge or 'Cape gauge'. This latter gauge was chosen by British engineers for the first railway in Japan between Shimbashi station in Tokyo and Sakuragicho station in Yokohama, 20 miles in length. There is some dispute as to who actually chose the gauge, whether it was a George Preston White or Edmund Morel. What is not disputed, however, is that Edmund Morel was responsible for surveying the line and supervision of construction. Edmund Morel was a KING'S ENGINEER(1857-59). Sadly, he died in Yokohama in 1871 and is buried in the Foreigner's cemetery in Naku-ku, Yokohama. The grave is designated as a "national railway memorial". A bronze bust outside Sakuragichō Station commemorates his work.

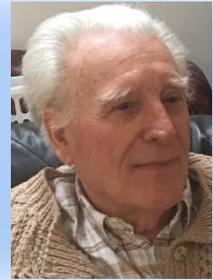


Have you enjoyed a holiday on a canal narrowboat, lived on one or just enjoy walking along canals as I do ? Andrew Garth Allan lived on a narrowboat for several years and, when his work involved much travelling and staying away from home, took up painting watercolours of canal scenes amongst other subjects to help pass the time. On retirement, this hobby became a full-time occupation and he became a successful artist, resulting in paintings like these. Andrew was a KING'S ENGINEER (1956-59).





KCLEA Activities *Engineers' Lunch Report* by Ted Willis



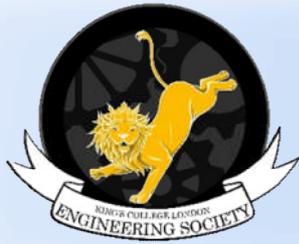
The Engineers' lunch was held on Friday 7th June 2019. and to avoid clashing with the Principal's lunch was held in the Great Hall. The number attending the lunch, about 50, was much lower than usual and considerably lower than the number attending the lunch the last time it was held in the Great Hall a few years ago.

Professor Shollock was the principal guest and gave an interesting talk on her background and proposals for the re-establishment of the Engineering Faculty at King's

Although the Engineers' War Cry was given in the programme for the lunch, it was thought that perhaps it would not be appropriate but when Professor Shollock was informed she immediately insisted that chanting of the war cry should be reinstated.

It was intended for interested groups to be shown around the new facilities being constructed for the reinstated Engineering Faculty but just as the groups were being arranged the fire alarm for the College was sounded. It was a very hot afternoon and waiting in the courtyard for the 'all clear' seemed very long and ultimately the visit to the new facilities was abandoned.





KCLES Activities *President's Report* by Mahin Nasir



We had our first meet and greet and introduction to the committee on Friday, the 4th of October, after which we sent out an email regarding buddy scheme to help our first years students out. Activities such as tower building, designing a roller coaster and a little quiz were planned for the day. We also served some food and drinks to all the people who attend.

We are soon going to have two talks, one from a representative from IET and another from a biotechnology or bio pharmaceutical company who will be coming in to tell our members about all the opportunities they have for them. We are also in the process of organizing a talk on either cardiovascular activity with biomedical engineering or fetal MRI imaging.

We will be holding two career events including a graduate panel, which will consist of Engineering graduates from King's College London working in private sector or doing a PhD and they will be talking about their experience, their struggle and how and why they ended up doing what they are doing now, they will be motivating students and answering any questions they have. Our other career event is going to be an internship panel where students from years above who worked over summer will be guiding student on how to find the right internship and they will be talking about their experience as well.

We will also be holding a workshop, which will be about 2-3 weeks long, depending on what it will be about. Various topics include CAD designing, making a sumo robot, Python programming language and making and designing a robot in collaboration to Robotics society. We are soon going to start holding our weekly/fortnightly programming classes on MATLAB and C++ to help first and second years who struggle with programming.

Side by side we will also be holding various social events including an icebreaker, pub crawls, quiz nights and well being sessions.



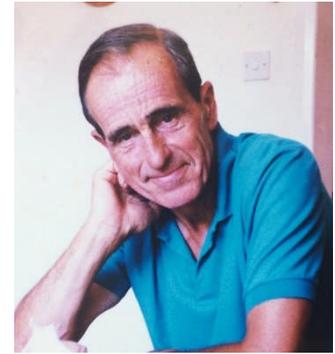
Obituaries

*Engineers who have
sadly died in the past year*



Mr John 'Peter' Simpson (*Mechanical Engineering class of 1947*)

After graduating from King's in 1947, Peter had a long and successful career, principally in the oil and gas, petrochemical, refining and chemical industries, working on and leading projects around Europe, South America, North Africa and the Middle East.



After retiring, he became a neighbourhood engineer, visiting and advising schools and colleges and helping with science and technology projects. He was also involved with the restoration of The Kempton Great Engines at Sunbury from the beginning, serving as Chief Engineer for many years.



Peter always kept in contact with King's and regularly attended alumni events. He remained very active and busy until his sudden death in March 2019 at the age of 92.

Photo to the left shows Peter talking to Dr Norman Borrett (ex-HoD) at the Celebration of Engineering event held at the IET HQ in 2013

The KCLEA has been notified of the following deaths

<i>Name</i>	<i>Discipline</i>	<i>Class of:</i>
Nicholas G Bullett	Civil Engineering	1972
Shaun P O'Byrne	Electrical Engineering	1966
P J Rawson	Engineering	1953
John Peter Simpson	Mechanical Engineering	1947



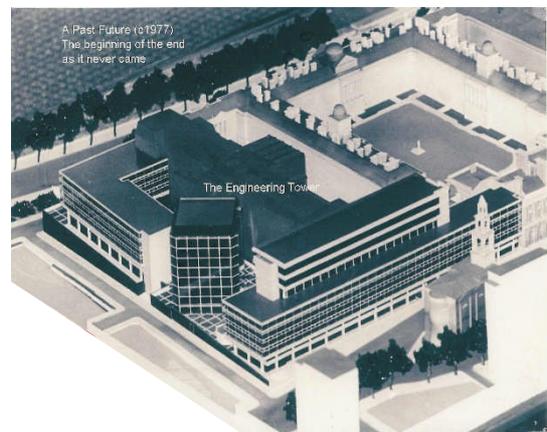
Editor's Oddment

by Mike Clode



I joined the Department of Mechanical Engineering at King's College London 30 years ago as a Lecturer in Metallurgy. During my 25 years of lecturing I went from blackboard and chalk, to digital and on-line presentations. Change was constant, challenging but primarily rewarding contributing to the career of so many successful Engineers in the field today.

During my time at King's I went from a Faculty to a School and back to a Faculty; from a Department to a Centre, to a Department to a Division. I had six different offices. The reintroduction of Engineering at King's College is an exciting time with new premises that are well overdue. Engineering at King's was promised new accommodation in the mid-seventies but the Surrey Street redevelopment was stopped and the Engineering Block never was. I hope the rebirth of Engineering is given the time and support to flourish.



An artist impression of the proposed Engineering block in Surrey Street between the Strand Building and Macadam Building (circa 1977)

Calling all King's College London graduates of 1970 & 1995

Did you graduate in 1970 or 1995 ? Do you know any other King's College graduates from other departments from those years ? Next year will be the 50th and 25th anniversaries of graduation and it is hoped to celebrate these milestones on the **13th June 2020** with a College-wide reunion organised by and for alumni celebrating their 25th and 50th anniversary of graduation. Please save the date. For further information please contact Dr Barrie Morgan at barrie@morgan.gb.net or phone him on 01280 703317.

I will leave you with a thought.

“Engineers solve people's problems, that they didn't know they had, in ways they will never understand.”

If you have any contributions to the Engineering Alumni of King's please e-mail me at kclea@clode.net. I am happy to consider contributions of all types, especially self indulgent ones. I wish you all the very best and look forward to hearing from you.