



THE SPANNER

a fresher's guide to the CGCU

2017-18



TECHNOLOGY OR CONSULTANCY WHY NOT CHOOSE BOTH?



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INTRODUCTION

Welcome to the City and Guilds College Union!

Congratulations - your hard work has paid off and you've joined our community filled with some of the best students the world has to offer!

As opposed to the Imperial College Union's handbook, the Spanner guide has been designed just for the students of the Faculty of Engineering at Imperial by the committee of the CGCU who represent them. It's jam-packed with introductions, information and interesting tit-bits to give you a better view to your new life as an Imperial engineer.

As your CGCU Committee, we're dedicated to making your life at Imperial better. As a student-run union, we're responsible for organising events for the Engineering Faculty, heading up all the clubs and societies within our faculty and addressing any issues you have during your time here at Imperial, be they academic- or welfare-related.

Take a little bit of time to have a read through and get a feel for what's coming. If you have any questions, don't be afraid to contact any of the committee members you read about here. Alternatively, feel free to pop up and see us in our office Room 350 (City and Guilds Building), or come grab some freebies from our Freshers' Fair stand! See you soon!

Love,
Your CGCU Committee



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DEAN'S LETTER

I would like to extend a very warm welcome to all of you to the Faculty of Engineering at Imperial College London. You are joining one of the most prestigious engineering schools in the world. Many congratulations!

Over the century of its existence the College has educated men and women who have progressed to be leaders in all walks of life. The alumni around the world who have studied engineering at Imperial all talk very warmly of their time here and the enormous influence it had on their subsequent career. Indeed, I am one such alumnus and can personally vouch for the many opportunities an Imperial engineering education can provide.

It is now your turn to take full advantage of the opportunities that are available to you. Engineering is about identifying (not always as easy as it looks) and solving the important problems that face us all today, in areas such as climate change, energy, health, transport and clean water. Although you will be studying one particular aspect of engineering, dealing with these problems requires a holistic approach, so part of your education will be to see how different disciplines can work together to solve a challenge.



This is one of the many reasons why it is important for you to immerse yourself fully in the life of the College. By taking part in activities beyond those of your selected degree course you will not just enjoy yourself, you will be enriched by the wide cultural and technical diversity that is a key feature of life here. I very much hope that your time at Imperial will be fulfilling and that you will subsequently use what you have learnt to contribute to the well-being of the whole world.

Professor Nigel Brandon OBE FREng
Dean, Faculty of Engineering

WHAT WE DO

Welfare and Academic Affairs

The CGCU are here to look after its students. There can be a lot of curveballs thrown at you during your time at university, but we aim to make things easier for you. We can help point you in the direction of the right College service to help you out, offering advice and guidance on anything from legal advice to financial help. CGCU is also represented on the Community and Welfare Board by their Welfare Officer, who support and run campaigns on campus promoting many cause as relevant to the well being of Imperial's students.

The CGCU is here to represent you academically through the use of the Year and Departmental Representatives. Any problem that you raise to them will be dealt with as quickly as possible. Harder issues can be taken to the Faculty Teaching Committee, Imperial College Union Council or Engineering Studies Committee, all of which James, the Academic Affairs Officer (AAO) sits on. Essentially, if you have a problem, tell a Rep, or we may not hear about it and thus can't help you!

The academic and welfare side of CGCU work closely together because we understand that it's not always easy to separate how you feel and how you work. So we strive to always be there to fight your corner on any issues you have during your time at Imperial. This year, we're coming to you. Each week, we'll set up an academic-and-welfare hot desk in a different CGCU department's social area for you guys to ask us questions or give us feedback directly.



Representation

At Imperial you automatically become a member of two unions, the CGCU (us) and the Imperial College Union (a.k.a. the Union). The Union was historically a joint body of the constituents unions at Imperial, the CGCU, the RSMU and the RCSU. However it now is the main organisation for student representation and activities at Imperial, as well as running several bars and being run by the elected Officer Trustees.

The CGCU and other Constituent Unions however still play an important role in the running of the Imperial College Union. We have three ex officio members that sit on the Union Council, their policy making body. Our President, Claudia sits on the Union Council with our Academic and Welfare Officers, Alex and Damian. In addition to this, she accompanies Andrew, the Vice President of Finance and Societies to the Clubs, Societies & Projects Board, the Academic Affairs Officer to the Education and Representation Board and the Welfare Officer to the Communities and Welfare Board.

We use each of these positions to further the interests of our members at a College wide level, as well as receive support from the staff at the Union. The CGCU is a good way to learn how the Union functions and at the start of the year four students are elected from the Faculty of Engineering to sit on the Union Council alongside the President, representing their views.

Social life

As fellow engineers, one part of looking after you is giving you the chance to take time off from your studies. Although every department will arrange its own events, it will be the CGCU's that will give you the opportunity to meet and socialise with other engineers from different disciplines in a mixture of environments.

The Welcome Dinner is a long running tradition of the CGCU. Its a great way to start the year (and also your time at Imperial) in style and meet all the committee members. The Welcome Dinner is known to be a sellout event and often even sells out before term starts, so make sure you keep an eye out on social media for more information.



HISTORY

In 1851, the Royal Commission was put in charge of appropriately spending the large profit made by the Great Exhibition held at the Crystal Palace that year. In order to boost industrial education and the impact of science and art, the three museums at South Kensington, RSM, RCS, the Royal Albert Hall and the Royal Colleges of Art and Music were built.

The City & Guilds Institute was set up in 1878 to establish a national standard for technical education and in 1884, after talks with the Royal Commission, they opened the Central Technical College on Exhibition Road. Today the City & Guilds Institute remains an industrial examination and accreditation body.

Under the Royal Charter of Edward VII, RCS and RSM merged to create Imperial College of Science and Technology in 1907. Three years later, the Central Technical College (which had changed its name to City & Guilds College by then) joined Imperial too.

The City & Guilds College and its union (us!) are pretty much the same as we were in 1910, and have gathered up traditions and mascots on the way.



THE CGCA

The City & Guilds College Association (CGCA) is the largest constituent college alumni body of Imperial College London. Established in 1897, the Association now has more than 4,000 members around the world from a myriad of professions. One of its prime objectives is the advancement of the Faculty of Engineering and the well-being of its students.

Joining the CGCA after graduation is good way to maintain links and network with other members and stay in touch with old friends and Imperial life. Its informal network can prove extremely valuable as a source of information and contacts. As a member, you will also be kept updated about events like the decade reunion lunches and the Annual Dinner.

The charitable arm of the CGCA is the Old Centralians Trust, which provides generous financial help to students through a wide variety of avenues. Since 1965, well over one hundred students have been saved financially in the face of personal hardship; in most cases the Trust's assistance has made possible the completion of studies which would otherwise have had to be abandoned. Other disbursements go out as funding for research experience (UROP), accommodation bursaries as well as support for travel and work experience projects.

If you are interested in getting connected with the OCT Trust, you can become a student member by contacting Dr Teresa Sergot (t.sergot@imperial.ac.uk)



TRADITIONS

Mascotry

Mascotry is an ancient tradition of the Unions forming Imperial. It embodies the swelling pride we take in our faculty, and the ruthless competitive nature we hide just beneath the surface. Each Constituent Union of Imperial College has at least one violate mascot (that is a mascot that can be stolen and held ransom by a rival constituent union). Your mission, should you chose to accept, is to pinch, snatch and thieve wherever you must to get your hands on one of our rivals' mascots, and get them back safely to the CGCU office (CAGB 350). However, it is of vital importance they never be allowed to steal ours!

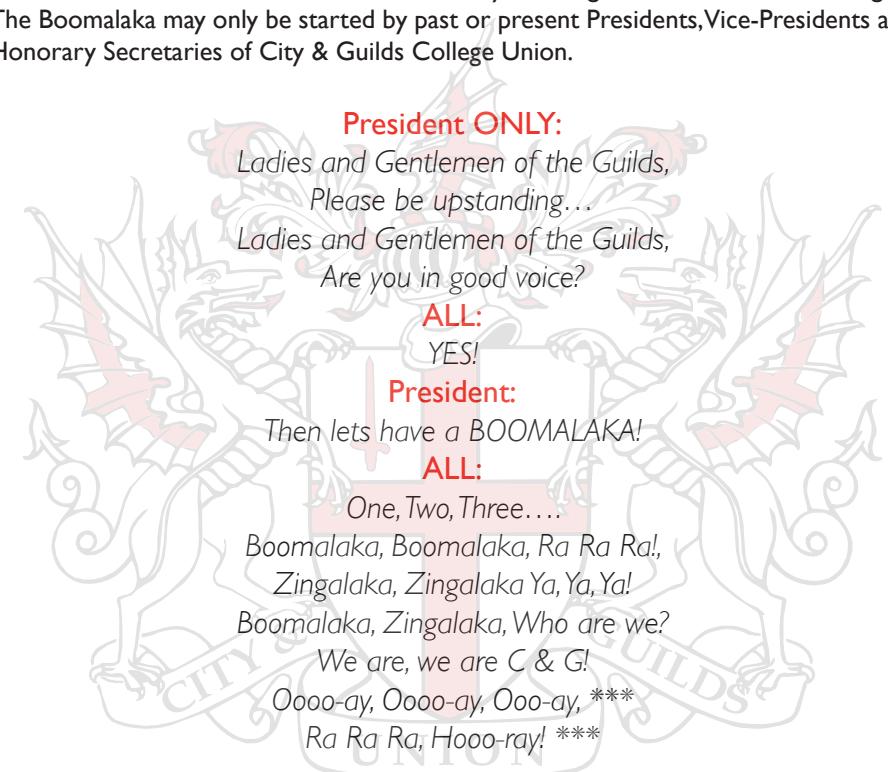
CGCU have four mascots, the most renowned of which are the Bolt and Spanner. These are violate and are often threatened by those sneaky scientists in RCSU. Each year, the Spanner and Bolt bearers are elected as part of the committee and it's no small feat to bear these bad boys. Spanner is 64lb (29kg) of solid bronze; one end fits the bolts of London Bridge whilst the other fits the bolts on the wheels of Bo' (read about him in a second). Bolt is 68lbs (31kg), around a foot long and mounted on concrete.

We also have two inviolate, motorised mascots in the form of Boanerges (affectionately known as Bo') and Derrick. Bo' is a 1902 James and Browne automobile and is thought to be the last of his kind in the world and Derrick is a 1926 Ner-a-Car motorcycle. Every year, Bo' and Derrick take a trip to Brighton to get some seaside air with the Veteran Car Club.

Royal College of Science Union have one mascot that can be stolen: Theta, a huge thermometer; the Royal School of Mines has Davy, a three foot high mining lamp and the Imperial College School of Medicine Students' union has Pheonix, a glamorous chicken-esque suit, the head of which should be snatched whenever possible.

The Boomalaka

The Boomalaka is the tribal chant of the Guilds. It originates from Maori Culture, intended to strike fear into the hearts of any non-City and Guilds College people. It is best used to shout down the now-defunct Royal College of Science Union's Kangela. The Boomalaka may only be started by past or present Presidents, Vice-Presidents and Honorary Secretaries of City & Guilds College Union.



Note: The lines marked *** are the ones in which Guildsmen (people of the CGCU)
0- are expected to punch their fists in the air.



CITY AND GUILDS COLLEGE PRESIDENT

CLAUDIA CARAVELLO CIV ENG 4

Hi Everyone - Welcome to Imperial! And more importantly, Welcome to the City and Guilds College Union! Congratulations to you all and well done on getting here. I know from experience that it will not have been without hard work and dedication. Luckily, it has all been worth it, because you're now at one of the best universities in the world and undoubtedly on the first step to success.

I'm Claudia, your President. Over the next year my committee and I will be here to look after you. From academics, to welfare, to social events, we cover it all!

Ahead of you all are four incredible years - it will be a time in your life that you will never forget. Your courses will have gained their international reputation not only from the rigour of their teaching, but also from the prospects they will present you with. Yes, you have many long hours of study ahead of you, but it will be in the subjects you have longed to learn. They will no doubt be the most interesting and rewarding things that you have learnt so far.

Finishing your degree will open up opportunities others can only dream of. But if a degree is all you have when you leave, then in my opinion you will have wasted many opportunities already. University is a time to try new experiences, explore and make life changing friends. It is a time for development and for discovery. While your studies come first, it would be a shame if you didn't complement that with all the exciting things Imperial has to offer. There are so many great clubs and societies here, it's really hard to narrow your choices down, so why not try a few!

This is where the CGCU comes in. Our Dep Socs will introduce you to your older years, our clubs will allow you to meet people with a shared interest and our own events will introduce you to other types of engineers, as well as our many traditions. This year, I have an epic team of extremely competent people ready to deal with your academic and welfare issues and organise our events. Particular highlights will be this year's Annual Welcome Dinner, Quad-Union Bar Nights and our annual CGCU Festival in Spring Term.

I hope you all have a great time at Imperial, and if there's one thing I've learnt, it's to embrace all the opportunities you have! Have fun, and remember, we're here for YOU!

If you need me, email: engineering.president@imperial.ac.uk :)



THE COMMITTEE

EDMUND (ROSS) UNWIN MECH ENG 3

You might not know it yet, but the CGCU put on some of the best events that you'll get to attend whilst you're at uni. And you've put me in charge of them! So they're going to be bigger and better than ever before.

I'm gonna ensure that you can enjoy yourself, and can take breaks from your studies when it suits. From bar nights to dinners, paintballing to festivals, we've got a lot for you to do throughout the year. And believe it or not, meeting some engineers from other departments might not be such a bad thing.

We're also here to help on the academic sides as well. We will also have better support than ever before, and some of the events this year are purely focused around your welfare. I'm keen to get some puppies back on campus, and we'll hopefully be running various workshops throughout the year to help you out as well.

We start the year with one of our biggest events, the Welcome Dinner, so I'll hopefully be able to meet a lot of you there. And at any other time, please come and introduce yourself! I'm sure you're all full of good ideas, and if there's anything you really want the CGCU to do, I'm the man to make that happen. I look forward to meeting as many of you as I can. See you soon!

vpa@imperial.ac.uk

VICE PRESIDENT (ACTIVITIES)



VICE PRESIDENT (FINANCE AND SOCIETIES)

ANDREW HILL COMPUTING 3

Hey there!

I'm Andrew, the Vice President overseeing the Finances and the Societies of the CGCU. My role mainly involves working with our 16 engineering societies helping them grow and succeed, as well as representing them to higher levels in the union. Naturally, this does mean you will most likely only have contact with me if you join the committee of one of these societies. Check them all out towards the end of this guide!

Saying that, please feel free to contact me about anything related to your experience at Imperial, I'm always happy to help where I can, or to point you in the right direction. Computing students can also usually find me in some corner of labs...

I hope you all have an amazing time as budding engineers at Imperial. Do check out the events and activities that the CGCU and ICU societies offer; and don't forget to enjoy some time away from the library!

vfps@imperial.ac.uk

WELFARE OFFICER

DAMIAN COVENEY MECH ENG 4

Hey guys! First and foremost, well done for getting here and I hope you're looking forward to what will be some of the best years of your life.

I'm Damian, and I'll be the Welfare Officer this year. Studying at Imperial is as challenging as it is rewarding, and that's why we have wellbeing representatives such as myself to make sure that you have the support you need to thrive during your time here. We want you to know that as an Imperial student, there's a huge network of fellow students and staff readily available to offer you guidance and advice through any personal problem or difficult period. So whether you're feeling overwhelmed by stress, have any health issues, or are the victim of crime, we're here for you.

Over the course of the year I, with my trusty Deputy, Sarah, will be working with the Union as well as your departmental Welfare Officers to deliver you the happy, healthy student experience you deserve. Please feel free to send me or Sarah an email or come and find us in Mech Eng if you need to talk – we will listen without judgement and do the best we can to point you in the right direction.

One last reminder: you can do it. You wouldn't be here if you couldn't.

Good luck, have fun, and see you around!

cgcuwelf@imperial.ac.uk

ACADEMICS AFFAIR OFFICER

ALEJANDRO (ALEX) LUY MECH ENG 4

Welcome to Imperial! My name is Alejandro Luy and I am your Academic Affairs Officer (AAO) for this year. My job is to make sure that your academic experience at university is the best that it can be. Let me tell you a bit more about how it all works:

Soon, you will be electing a Year Representative (it could be you!). The Year Rep takes all the ideas and feedback from the students in their year and uses it to work with the staff to improve their course. The Year Reps from all years are helped and led by the Department Representatives (Dep Reps) who will take any larger suggestions on board. I work with all the Dep Reps from each of the departments within the Engineering Faculty and, by working closely with the CGCU President and Deputy President of Education from the Union, pursue substantial changes within departments or at a faculty level.

As a student here, you have a very powerful voice and it is your responsibility to provide feedback into the education system. Students in the past have used their voices to enact incredible, positive changes here and I sincerely hope that you will embrace the opportunity to come up with great ideas to help push Imperial to become the undisputed leader in university education worldwide. University is an exciting time, and I hope you enjoy every moment of it!

If you see me around please don't hesitate to stop me and chat, or email me at:
cgcuaao@imperial.ac.uk





MILIA HASBANI
(BIO ENG 4)

CHAIRMAN



ANDREI POGAN
(EEE 4)

CGCA OFFICER



TOM BOWER
(COMPUTING 3)

HONORARY SECRETARY



DAVID MOORES
(MECH ENG 4)

SPONSORSHIP OFFICER



ALESSANDRO BONARDI
(COMPUTING 3)

EVENTS OFFICER



NISHA SADUAGKAN
(AERONAUTICS 2)

MEDIA & MARKETING



COULD BE
YOU !!

EVENTS OFFICER



OTTILE SHIYONG LIU
(CIV ENG 3)

REGALIA



CHUNG POON
(EEE 4)

WEBMASTER



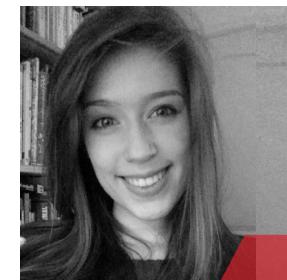
PHILIP KURUKGY
(CHEM ENG 4)

HONORARY TREASURER



PAUL BALAJI
(COMPUTING 4)

SPANNER BEARER



SARAH TOWERS
(MECH ENG 3)

DEPUTY WELFARE



CHRISTOPHER MACCA
(EIE 3)

BOLT BEARER



ANDREW DUCKWORTH
(CHEM ENG 3)

SPORTS OFFICER



COULD BE
YOU !!

RAG COORDINATOR



COULD BE
YOU !!

BOLT (NEWSLETTER) EDITOR

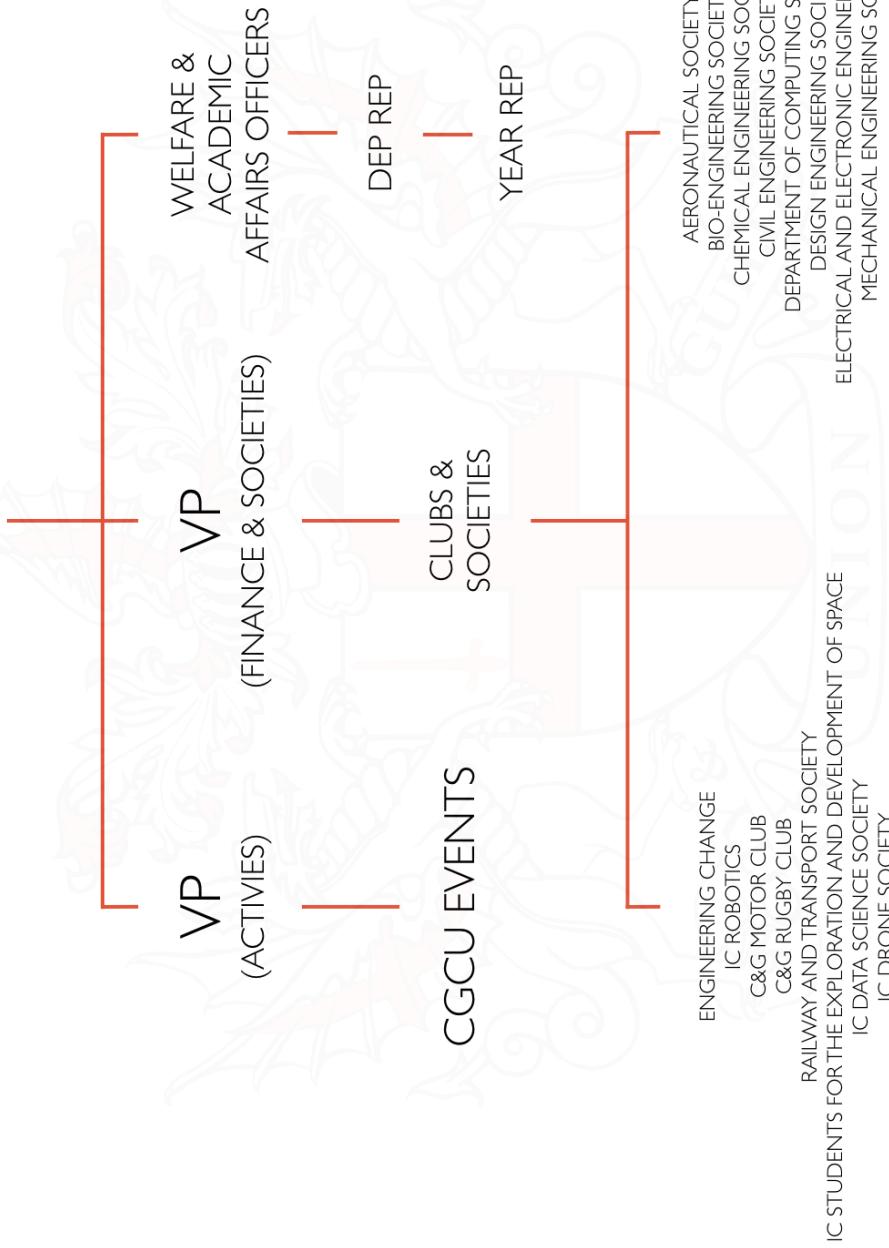
THE FAMILY TREE

The CGCU is a big organisation, which is easy to understand when you consider the broad range of activities for which we are responsible. From the events and alumni interactions to welfare and academics, we organise it all within the Engineering faculty. Departmental Societies and Clubs provide additional events and support, tailored to your particular interests,

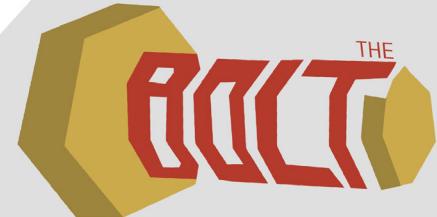
The diagram below explains how the CGCU functions, run by the CGCU Executive Committee:



CGCU PRESIDENT



INTRODUCING ...



NEW THIS YEAR, OUR CGCU MAGAZINE SHALL KEEP YOU UP TO DATE
ON ALL THE LATEST NEWS AND STORIES.

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EVENTS
WELFARE
CGCU SPORTS
"SOC SPOTLIGHT"
ENGINEERING ARTICLES
TIPS & TRICKS
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THE SPOTLIGHT
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TEAM FOR THE
CGCU FOOTBALL LEAGUE



CONTACT YOUR DEP SOC FOR MORE INFO



PRESENTING CITY AND GUILDS COLLEGE UNION'S ANNUAL

Welcome Dinner

FRIDAY 20TH OCTOBER
MILLENIUM GLOUCESTER HOTEL
6:30PM



DEPARTMENTAL SOCIETIES

Every department at Imperial operates a little differently and has its own College life going on. The CGCU heads up all the departments in the engineering faculty, and as well as us, you have support of your department to keep you going! Throughout the year, your DepSoc will keep you up-to-date on events they've organised, especially tailored for your department, and your DepRep is always on hand to address any issues you have about your degree course. In the next few pages, you'll be introduced to the President of your DepSoc, your DepRep and will find out more about what YOUR department has to offer.



DEPARTMENT OF AERONAUTICS



Welcome aboard Aeronauts!

All students within the department of Aeronautics are automatically members of the Imperial College Aeronautical Society (AeroSoc). We provide an outlet for all you aeronauts to pursue your interests outside the lecture theatre and a way for all of us students to get to know each other through socials. We have some fantastic first-class events planned for this year such as the favourite 'Who can eat the most' Pizza Hut Challenge, bar nights, formal dinners, sports events and industrial visits to companies such as Rolls Royce.

AeroSoc holds weekly careers events where you can come and find out about 'what you do with an Aeronautics degree' and explore possible future employers. Don't forget: we are here to ensure you have a smooth flight through the year and we're happy to help with any turbulent academic issues you may have.



PRESIDENT

Melissa Russell Escrihuela



REPRESENTATIVE

Lachlan Price



aerosoc@imperial.ac.uk

DEPARTMENT OF BIOENGINEERING



Welcome to Imperial, fellow Bioengineers!

Together we, the committee of ICBE and the Departmental Rep, aim to support you in reaching your full potential during your studies at the leading Bioengineering department in the UK.

To achieve this, we are happy to put together socials that you will value and remember, which include our yearly Christmas Dinner and subsidized trips to other cities (in the past: Bristol, Brighton). Besides socials, we strongly believe that you will benefit from discussions we host with fellow Bioengineers, sharing their summer internship or research experiences, or from biotech start-up CEOs and senior entrepreneurs, whom you have the opportunity of networking with!

Last year we also co-organised a 2-day IC HealthHack, the first Imperial hackathon focused on the creation of software and hardware solutions to healthcare problems. You will have the opportunity to take part in the next hackathon we organise and further develop your technical skills.

But ICBE is not only for Bioengineers! Our society also welcomes any bioengineering-enthusiasts – and membership is FREE!

We genuinely wish you a great first year at our amazing Department of Bioengineering and that you continue to grow as a Bioengineer at Imperial!



PRESIDENT

Franz Tapia Chaca



REPRESENTATIVE

Miroslav Gasperek

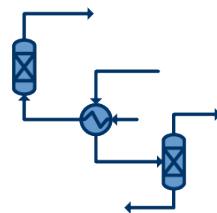


www.facebook.com/imperialcollegebioeng



bgsoc@ic.ac.uk

DEPARTMENT OF CHEMICAL ENGINEERING



Welcome to Imperial! As an undergraduate Chemical Engineer you're already a member of one of the most thriving and active societies at Imperial: ChemEngSoc. What separates us from the rest is the huge quantity and quality of independent events that we offer; exclusive to you and your course-mates. We organise for you a range of formal events including our extravagant Welcome Dinner, Christmas Dinner and Annual Dinner hosted in some of London's most prestigious locations. Alongside this, we are (in)famous for our annual Cocktail Party and Talent Show featuring the top talent that ChemEng has to offer from, rap, stand-up to the lecturers performing their take on Gangnam Style. Don't forget Frank Morton sports day, an event in which over 30 Chemical Engineering departments from all over the UK and Ireland compete at everything from Quidditch to Laser Tag all followed by the biggest student bar crawl you will ever go on.

But it's not all about the social events we offer; ChemEng at Imperial is one of the highest rated departments in the world and as such our students are among the most sought-after by employers. Throughout the year you will have the opportunity to attend presentations and network with companies such as Shell, BP, Bechtel, ExxonMobil, P&G and many more, all who come to our department just to meet you. With great events, great graduate prospects and the potential for great memories your experience with us will be unparalleled.



PRESIDENT

Kieran Naylor



REPRESENTATIVE

Shen Gan



REPRESENTATIVE

Pedro Alonso Ariso

[facebook.com/imperialchemeng](https://www.facebook.com/imperialchemeng)

guilds.chemeng@imperial.ac.uk

DEPARTMENT OF CIVIL ENGINEERING



CivSoc is the society for students of the Civil Engineering Department, all of whom become members of the society automatically. Our society is one of the most active departmental societies, providing a support network (and basically a family) for all our students as we battle through our degree together!

We have an ever-expanding variety of events on offer, from the intellectual and sporting to the good old fashioned pub crawls and bar nights, all with the purpose of enhancing your experience at Imperial and helping you to create some lifelong friendships, with people from all the year groups. The highlight of the CivSoc calendar is the International Tour, which is the envy of all other departments, giving students the opportunity to travel to another country. There we experience their university life, engineering practice, local cuisines and many other cultural delights. Aside from our events, we also have very strong links to industry and regularly have speakers coming into the department to promote their companies, or even to try and recruit people. We hope that you will come to love CivSoc as much as us and see it as the fun safe haven for all Civil Engineers.



PRESIDENT

Susie McAllister



REPRESENTATIVE

Marthe Bouleau

[facebook.com/civengsoc](https://www.facebook.com/civengsoc)

civsoc@imperial.ac.uk

DEPARTMENT OF COMPUTING



As the social side of the Department of Computing, DoCSoc makes it our mission to prove that all those long hours in labs and lectures are worth it after all!

To keep you entertained, we run a wide variety of events, from tech talks from our industrial sponsors to theatre trips and from programming competitions to very subsidised social events like ice skating and go-karting. The most famous of all our events is Imperial's annual hackathon - IC Hack, London's biggest student-run hackathon - where anyone and everyone can gather to create some really cool tech, all in just 24 hours. Last year we ran an IMAX cinema night, countless free bar nights over in the Union, and a spectacular formal at Cirque le Soir in Soho, plus much much more. Best of all, all our events are subsidised generously by our sponsors so you never have to worry about the cost!

DoCSoc is run by DoC students, for DoC students, although anyone with an interest in computing can take part. We want to make your time at Imperial as enjoyable and rewarding as we can, so make sure you get stuck in!



PRESIDENT

Maurice Yap



REPRESENTATIVE

Martin Zlocha



REPRESENTATIVE (JMC)

Rachel Mekhtieva Lee

facebook.com/ICDocSoc

guilds.docsoc@imperial.ac.uk

DEPARTMENT OF DESIGN ENGINEERING



Welcome to Imperial! As a freshman of Design Engineering and the Dyson School you are automatically a member of DesSoc.

DesSoc is a departmental society run especially for Design Engineering students. We are dedicated to providing our members with extracurricular and social events to further broaden their experience whilst they study at Imperial and foster a sense of community in the department.

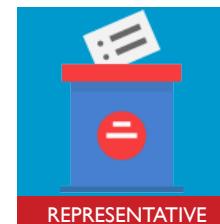
One of the most important jobs we do each year is to organise the Mums and Dads initiative run by most departments across Imperial. All freshmen will be contacted about the initiative before the start of term. The scheme will match you with two parents (second year Des Eng students) as well as a fresher siblings. Throughout the year we will run 'Family' events to help integrate all the freshmen into the DesEng family.

In addition to the initiative we run a variety of events all year such as bar nights, pub crawls, dinners (including the end-of-year party), film nights, football, quiz nights and professional talks from links to alumni and industry. We're also planning on bringing bigger events and even a DesSoc trip as our school gets bigger! We hope you have a fantastic year.



PRESIDENT

Michael Hoffman



REPRESENTATIVE

Open for election

facebook.com/groups/DesSoc

dessoc@imperial.ac.uk

**DEPARTMENT OF
ELECTRICAL AND ELECTRONIC ENGINEERING**



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PRESIDENT

Koral Hassan



REPRESENTATIVE (EEE)

Karnanya Sareen



REPRESENTATIVE (EEE)

Kaan Giray



REPRESENTATIVE (EIE)

Mwanakombo Hussein

facebook.com/ImperialEESoc

eesoc@imperial.ac.uk

DEPARTMENT OF MECHANICAL ENGINEERING



The Imperial Mechanical Engineering Society is a student-led society with approaching 1000 members ranging from a variety of mechanical engineering courses including placement years, year abroad, nuclear engineering, advanced mechanical engineering, master and PhD students.

You are auto enrolled if you study mechanical engineering! As a society, we aim to provide a friendly working environment for our students to promote and engage in career development, welfare and socially. We hold several heavily career orientated events including skills session, speakers and career's fair to help your students engage in your company. Our aim is to ensure our students have the best student experience while studying Mechanical Engineering at Imperial and they get as much exposure to industry as possible.

We work with a phenomenal cohort of students and companies in a wide variety of sectors.

We already have the entire year planned with exciting activities including residential trips, build workshops with London universities, bowling, go - karting, oxygen freejumping and so much more.



PRESIDENT

Zixuan Wang



REPRESENTATIVE

Alejandro Luy



REPRESENTATIVE

Harry Mitchell

facebook.com/icmechsoc

guilds.mechsoc@imperial.ac.uk

CLUBS



C&G MOTOR CLUB

facebook.com/groups/cgumotor

motor@imperial.ac.uk

C&G Motor Club aims to provide a range of motor related activities at rock bottom prices and accessible to everyone, regardless of experience. We run regular karting trips to indoor and outdoor tracks all over the country, both with hire karts and our own fleet of powerful, race-worthy karts (up to 80mph!!!). We also offer all members the opportunity to compete in our teams in the British Universities Karting Championship (BUKC) against over 100 universities around the UK, in what may be the most exiting league of close motor racing you will ever encounter.

The club runs weekly Wednesday afternoon sessions (in the garage on Unwin Road), where we can be found maintaining our karts and driving around in our very own road legal Classic Mini. Many past members have gone on to top roles in motorsport, including F1. Whether you've never previously driven, or a keen racer, C&G Motor Club caters for all. No previous mechanical knowledge is needed. All that we ask is for you to turn up with enthusiasm!



IC DATA SCIENCE SOCIETY

facebook.com/icdatasoc

icdatasoc@imperial.ac.uk

Big Data is the new BIG thing. 21st century technology is impacting every aspect of our lives and Data Science is paving the way forward. The Imperial College Data Science Society (ICDSS) is an opportunity for students to learn about, engage with, and develop a skillset in this exciting world of Data Science.

Further to increasing awareness, ICDSS is working towards harnessing the intelligence and creativity of Imperial's talented student body, to become the UK's leading assemblage of Data Scientists and entrepreneurs. Striving to become a think-tank for invention and innovation, ICDSS draws inspiration from industry, by inviting our partners, sponsors and other distinguished companies to share their involvement and application of Data Science. This provides a bilateral platform for interaction between Imperial students and industry.

The extraction of knowledge from large sources of information provides powerful insights into the workings of the world, and ICDSS would like to be at the forefront of the Data revolution, to change the world as we know it.



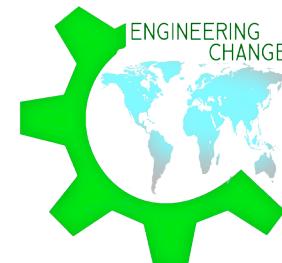
C&G RUGBY CLUB

cgcu-rugby@imperial.ac.uk

C&G Rugby is the biggest and most social faculty for rugby! Players of any skill level are open to join, and little commitment is required from you. It is a social club, and so it is in our best interest to make sure that the players enjoy their time at this club.

A few of the socials that will occur throughout the year are the Round Robin Faculty Tournament, our famous annual Gin & Rugby tour to Oxford and the end of year tour to Santander Beach Tournament in Spain.

If you want to get involved, come meet us at our Freshers' Fair stall at the IC Rugby bus and sign up to the mailing list.



ENGINEERING CHANGE

facebook.com/EngChangeIC



IC ROBOTICS

facebook.com/icrobotics

contact@icrobotics.co.uk

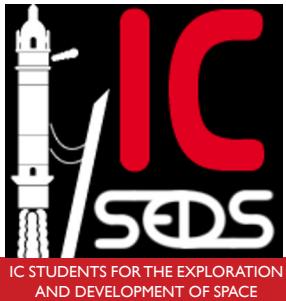
Engineers Change is a student-led charity aiming to facilitate human development through engineering. At Imperial, our branch aims to teach students about international development as well as undertake our own development project.

This year will be an exciting year, filled with hands on activities, outreach opportunities, socials (in particular our popular camping tour!) and our newest venture: a new international development project in the Philippines. If you want to get involved, come meet us at our freshers stall, join our Facebook or email us!

Imperial College Robotics Society aims to bring all roboticists, hackers, makers and general tinkerers together under one roof. We meet regularly to share ideas, help each other out and get to work on a huge number of very cool projects. The projects are related to both hardware and software. Everything from drive train design to custom FPGA implementations; PCB design to algorithm development - everybody is catered for!

The society gets involved in a number of interesting competitions from small one-day computer security challenges to large robotics tournaments that take months to prepare for. Further to this we organise a wide and varied range of courses, all relating to the areas of robotics and electronics, run by enthusiastic members of the society.

If you fancy getting involved, find us in the level 5 Electronic Engineering labs on Wednesday afternoons (though many of us practically live there, so any time really).



ICSEDS is Imperial's space society. We are Students for the Exploration and Development of Space who share a love for the challenges and opportunities that await beyond the thin blue line.

ICSEDS is open to anyone regardless of course or skill level, whether you want to be an astronaut or just want to shoot stuff into the sky. If you know nothing, we'll teach you. If you know loads, you can teach us. We work on real space projects, designing, building, and launching everything from rockets and balloons, to rovers and ramjets. We also run trips and events, and do outreach in conjunction with UKSEDS and the UK Space Design Competition. We are a branch of UKSEDS, the UK's student space society, which gives us access to national space events, industry partnerships, and a host of unique opportunities.

facebook.com/ICSEDS

icseds@imperial.ac.uk



IC DRONESOC

facebook.com/imperial-dronesoc

imperialdronesoc@gmail.com

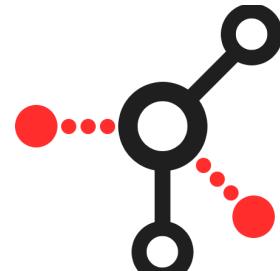
Stuff that moves is cool. But stuff that flies is just incredible – DroneSoc, Imperial's newest and coolest society, is the place for your passions to take off. As a society we aim to be a hotspot for drone enthusiasts around London, and to not only imagine our airborne future but also to realise it.

There are three main types of activities in our society: (1) Educate – for you to learn how drones fly, how to build them and how to use them. (2) Explore – understand when and why to use robots that fly by discussing these ideas with industry shakers outside Imperial or gain some experience through internships with them. (3) Expand – help inspire others (from primary school kids to their parents) through outreach events and voluntary work to help people understand why drones are useful.

This year DroneSoc aims to formalise its main activities like QuadBasics (a six-week course on quadcopter construction), DroneX (a talk series by external experts), our casual flying gatherings and Advanced Projects (super intense and cool technical projects) among others!

Join DroneSoc to get in on all this action! As a member, you will have access to all our drones, the chance to learn from our many courses or to represent the college at racing competitions! Feel free to approach the committee if you have any ideas or projects you want to work on and we'll try to make it happen. Find us at Fresher's Fair, on Facebook, or even just email us at imperialdronesoc@gmail.com.

Just keep your fingers crossed for clear skies.



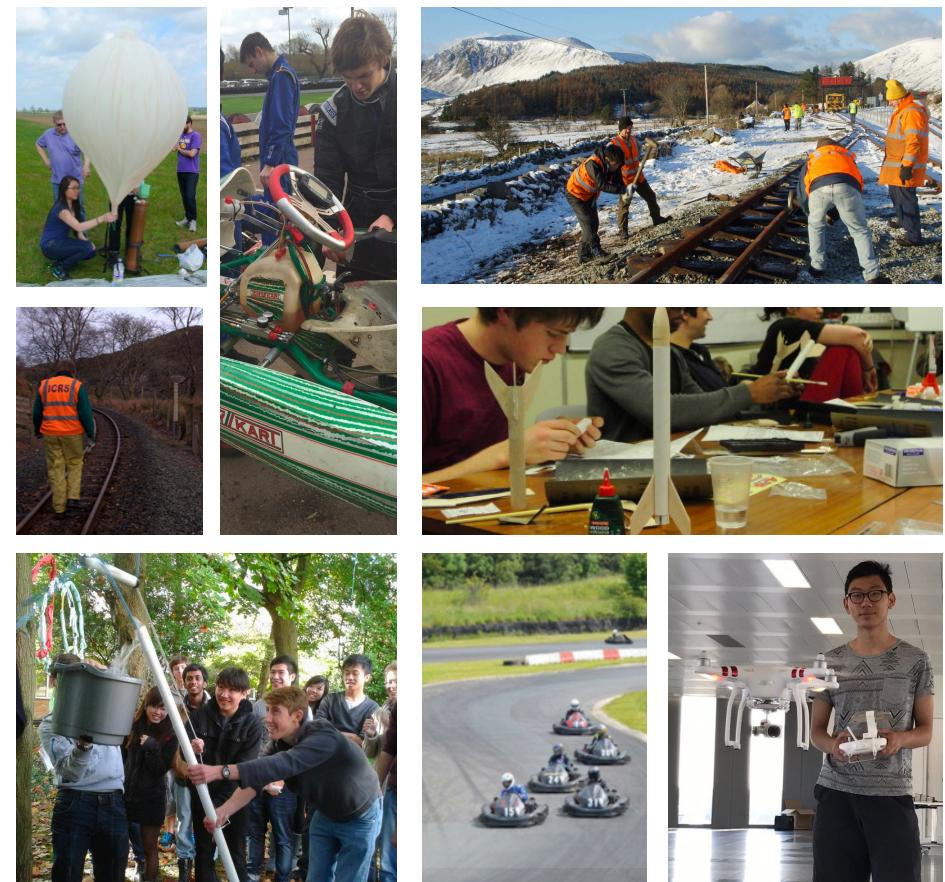
RAILWAY AND TRANSPORT SOCIETY

facebook.com/ic.railway.transport

guilds.ewb@imperial.ac.uk

Hi, we are Imperial College Railway & Transport Society, Railsoc for short. Everyone is welcome, even if you don't know your class 57s from your 66s - train knowledge is absolutely not compulsory. Railsoc is so much more than just that!

There are many opportunities to get into the transport sector here and abroad for engineers, as Railsoc boast some great industry links, for example Bombardier. If you just want to have some good old train related fun, we have some fantastic events lined up. Join us in Welvomr Week for the Orbital trail, and later in the year for our annual tracklaying weekend in Porthmadog, Wales. We are planning visits to the Brunel Museum, and socials in transport themed bars and pubs amongst other events. This is really just the tip of the iceberg! Join our mailing list and sign up to our society - membership is FREE this year; you lucky things. See you all soon and enjoy your first year at Imperial.



Tip: Download Citymapper onto your phone. It's a great app for getting around London - it's perfect for those night buses!

Trick: Link your 16-25 railcard to your oyster card at the station to save money on off-peak tube travel.

Tip: Get to know the older years of your course to help you if you're having a tough time - love your Mums and Dads!

Trick: Get following some of twitter pages for free/cheap London activities and events. @SkintLondon is a great one!

Tip: Pay attention to your coursework, and be sure to leave the night before a deadline clear. It can contribute a lot to your overall grade!

Trick: Look around online for guest list sign-ups for cheap entry to some clubs.

Tip: Always make sure your friends text you when they get home after a night out - better safe than sorry.

Trick: Hit Freshers' Fair and the Careers Fairs hard!

TIPS AND TRICKS



IMPORTANT NUMBERS

CRIME AND EMERGENCIES

On campus (open 24hrs a day): 4444

Security (open 24hrs a day): 0207 589 1000

LGBT Police Liaison Officer (open 24hrs a day): 0773 825 9879

Sexual Assault Helpline:
(open 19:00-22:00 Mon-Fri)
Women: 0808 800 0123
Men: 0808 800 0122

YOUR BODY

NHS 111 service: 111

(open 24hrs all year round, for non-emergency medical advice and help)

College Health Centre (line open 24hrs a day): 0207 584 6301

John Hunter Sexual Health Clinic:
(08:30-17:30 Mon-Fri except 11:00-17:30 Wed)

NEED TO TALK?

Nightline (run by students; 18:00-08:00): 0207 631 0101

Samaritans (open 24hrs a day): 0845 790 9090

London Gay and Lesbian Switchboard:
(open 24hrs a day)

College Counselling (lines open 10:00-23:00): 0207 594 9637

College Tutors:
(reception open from 09:30-16:15) college-tutors@imperial.ac.uk

SUPPORT YOUR LEARNING

College Disability Advisory Service: 0207 594 9755

(reception open 9:00-16:30 Mon-Fri)

English Language Support: 0207 594 8748
(students wishing to improve their English)

ANYTHING ELSE?

Advice centre, for advice on any issue: 0207 594 8067

ICU Deputy President (Welfare): 0207 594 8060 / dpwelfare@imperial.ac.uk

