



felix

The award-winning student newspaper of Imperial College

"Keep The Cat Free"

Issue 1,454

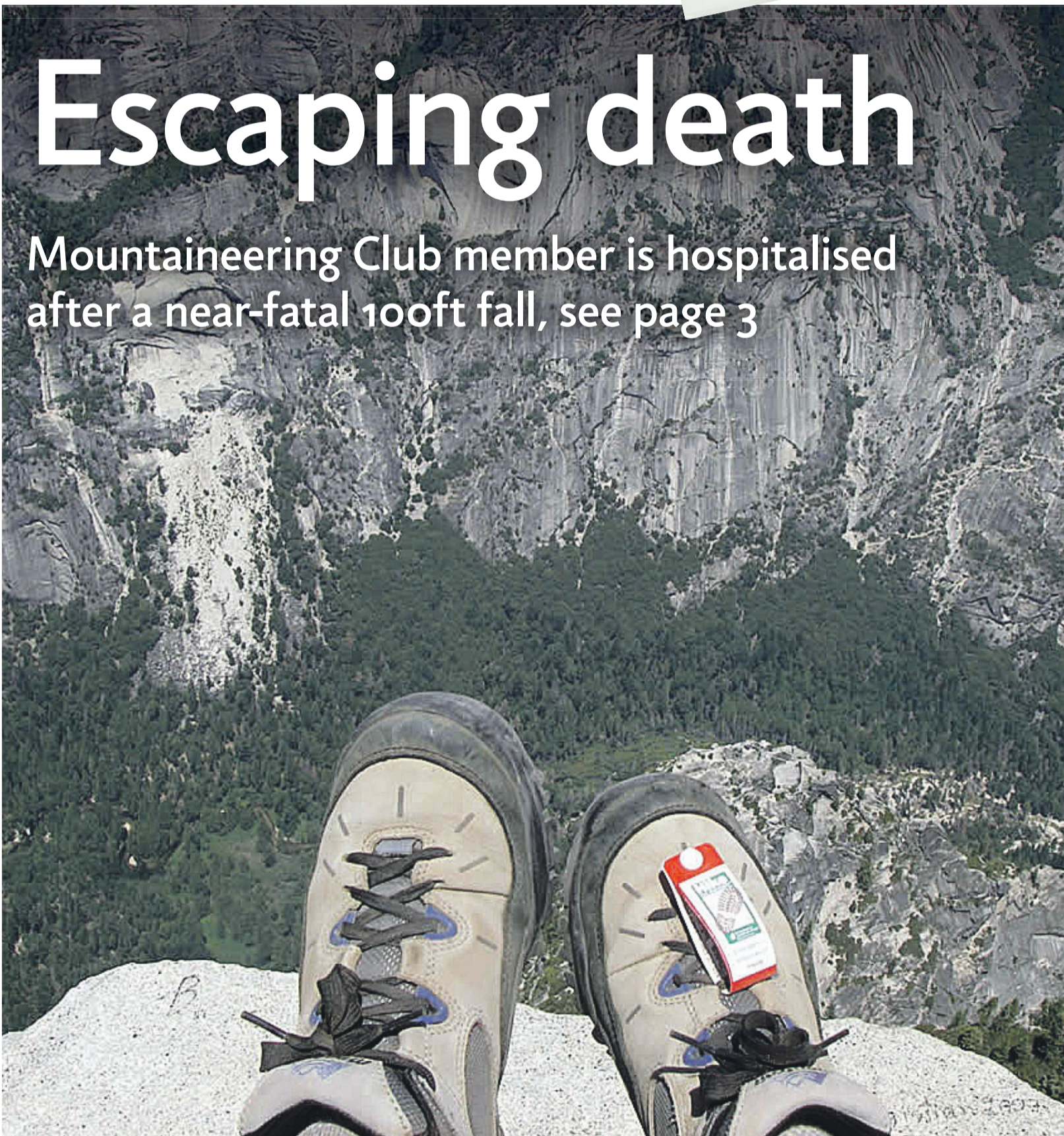
felixonline.co.uk

19.02.10



A pound a mile

Chemical Engineer set for an epic journey across Europe for charity, see page 27



Escaping death

Mountaineering Club member is hospitalised after a near-fatal 100ft fall, see page 3

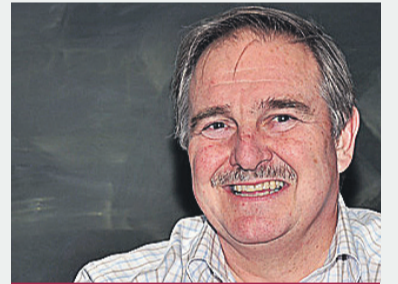
This week....

Cycles of recession and boom: expert views



Business, Pages 8-9

Professor Nutt talks about life after the ACMD



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A blogger's guide to the Oscars



Film, Page 21

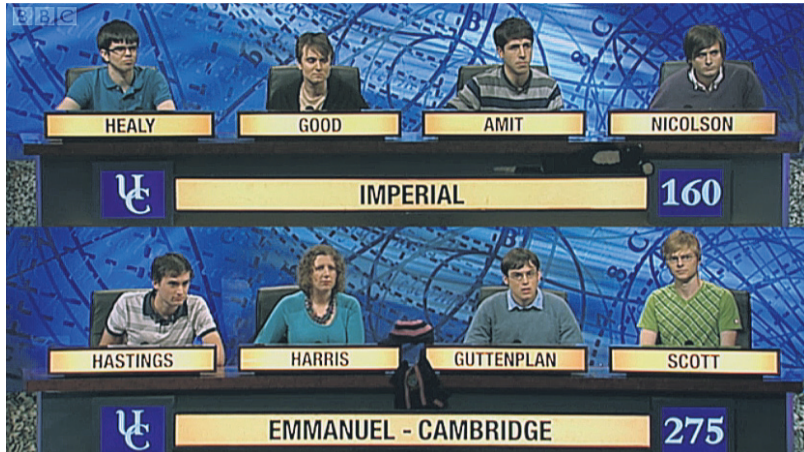
A tribute to Alexander McQueen, RIP



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Imperial falter in Uni Challenge



Bonus rounds – questions answered correctly

1. The three Rs – 2
2. The 1930s – 3
3. Death masks – 2
4. Flags – 2
5. Pigments – 0
6. Paintings in the National Gallery – 2
7. Royal titles – 2
8. American Football in films – 3

Rox Middleton

Imperial College's University Challenge team sadly broke their winning streak on Monday in their second quarter-final match, losing against Emmanuel College, Cambridge. The final score was Emmanuel 275 – Imperial 160; a very sound defeat after three glorious previous performances. The team, Ciaran Healy, Simon Good, Gilead Amit, Ben Nicolson and Ed Brightman, as profiled in last week's *felix*, have a final chance to get into the semi-finals by playing a third quarter-final match, broadcast on 8th March. They must win against Girton College, Cambridge in order to stay in the

competition.

The match started well with Imperial running ahead and maintaining their lead for the first ten minutes of the half-hour programme. Unfortunately a question about yoga masterfully snatched by Emmanuel Captain, Alex Guttenplan got the Cambridge team the lead and they ran with it, answering four out of the next five starter questions. When it seemed Imperial might never get back their form, the team suddenly powered forward again and grabbed three starters in a row. At twenty one minutes, now lagging by only twenty points, anything still looked possible. Unfortunately it wasn't to be and the rest of the quiz was dominated by the other team

who scored 120 points in just six and a half minutes. During that time, Imperial managed to get just one starter question: Healy redeemed himself after a mistake on the quantity 'h' in the Schrödinger equation with his quick recognition of the capital city of Kazakhstan.

This programme had the second highest combined score this series; the top three highest scoring matches have all been won by the Emmanuel team which consists of two students of medicine, one of French and Latin and one of Natural Sciences. Of the game, Imperial's team captain said "They were a really excellent team and impressively fast. It was a great match."



In hindsight: Professor Nutt talks about life after the ACMD

See page 10



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19.02.10

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The world beyond College walls



Libya

Continental students planning on visiting Libya over Easter should reconsider their plans.

Libya has begun to refuse to issue entry visas to Schengen area citizens in retaliation for Switzerland's publishing of the names of 180 Libyans banned entry to the country. Relations between Europe and Libya seem to have hit a new low. In related news, Silvio Berlusconi, Italian Prime Minister, while announcing a crackdown on illegal immigration and human trafficking, joked that "we'd make exceptions for anyone bringing over beautiful girls".



Bolivia

President Evo Morales created the Bolivian Space Agency this week with the goal of creating and launching a satellite into space.

The government hopes that other countries, most likely China, will support the development. Venezuela launched a television satellite last year with China's help.



Greece

A bomb exploded outside the Greek offices of JPMorgan Chase, a favoured employer of Imperial College students, in Athens on Tuesday. Luckily, no one was hurt. The explosion comes amid recent allegations from Der Spiegel and the New York Times that Wall Street banks including JPMorgan have played a significant part in the raging Greek debt crisis that is currently challenging the stability of the Euro.



Belgium

A train crash in suburban Brussels left almost twenty dead on Monday amid heavy snow. Many more were reported injured. At the time of this dispatch, authorities are waiting to question one of the train drivers while they simultaneously examine both trains' data recorders. Eurostar trains to Brussels and other services have been seriously disrupted. Early reports indicate that one of the trains ran a red signal and that a safety device preventing such an event was not on board.



By Tom Greany

Student slips 100ft down mountain

Joanna Cai looks into the Mountaineering Club's disastrous climbing adventure in Snowdonia this week

A member of Imperial College Mountaineering Club (ICMC) fell 100ft whilst climbing in north Wales on Saturday 13th February. He was climbing with three other Imperial students during a trip with the ICU club which took place on the Welsh mountains of Cwm Cneifion in Snowdonia.

The fall occurred as the climber was trying to negotiate a steep section of ice which had come to be known as the 'Tower Slabs'. He tumbled through 100ft, the height of a 10-storey building, before safety equipment arrested his fall. If it were not for his ropes and his belayer (climbing partner) he would have fallen another 150ft and possibly would have suffered much more serious, if not fatal, injuries. The climber is considered to be very lucky to have escaped injuries other than a split lip and a broken bone in his face. His belayer suffered no injuries.

At the time of the fall, two of the local mountain rescue team happened to be close to the scene and were able to offer help and first aid to the fallen climber. They feared that the fall might have caused internal injuries, so the Sea King helicopter was swiftly summoned and the injured ICMC member was airlifted to Bangor hospital for a medical examination.

Chris Lloyd is a team member of the two rescuers who offered assistance

after the fall, from the Ogwen Valley Mountain Rescue Organisation. He describes the events of that afternoon, which actually began with another party of nine requesting aid for a suspected broken leg. "At 2pm, we received a call to help someone with a broken leg...in a party of nine from Chester. Our team were called and 22 Squadron from RAF Valley came in to help." Within a matter of minutes,

"The Sea King helicopter immediately rushed the Imperial student to hospital, who was feared to have suffered internal injuries"

whilst the man with the suspected broken leg was being attended to, Mr. Lloyd said that his team received another call "regarding a 19-year-old man from Imperial College. Two of our team members were actually climbing nearby and witnessed what happened so they went to help him straight away."

The Sea King helicopter immediately rushed the Imperial student to hospital, who was feared to have suffered

internal injuries, and then returned to the scene to rescue the man with the suspected broken leg.

The Imperial Mountaineering Club was described as being well equipped, and the fallen climber was described by Thomas Coyne (Chair of ICMC) as "experienced". Mr. Lloyd has criticised the other group of climbers for being ill-equipped to deal with the hard snow and ice. "This year has seen a number of cases of people getting into trouble due to lack of ice axes and crampons on fields of hard snow."

The reason for the fall is believed to be due to the crampon used by the fallen climber. Jonathan Hazell is one of the four Imperial students who were climbing in Snowdonia at the time of the fall. He told *felix*: "Something went wrong with the crampon and it seems the most likely explanation is that the rear retainer-clip popped out or sheared off." He pointed out that: "there's no real evidence of what happened as all that's gone is a small clip which can be removed anyway", and also admitted that: "I'm still going to be using the model of crampon in question just with some tape/cable tie to hold the clip in place." Hazell will soon be going to Norway to climb ice for a week.

After the accident, the remaining members of ICMC continued their climb and the injured member was released from hospital the next day.



Cwm Cneifion in Snowdonia where the Mountaineering Club hit some trouble and left a member hospitalised.

Election-fever heats up once again

Tin-man RON

It's that time again. The biggest elections of the year began last Tuesday when the window for nominations opened. This window will last till Monday the 1st of March, and gives any student of Imperial the chance to put themselves up as a candidate for any of the positions available. These include the sabbatical officers; President, Deputy President (Clubs & Societies), Deputy President (Finance & Services), Deputy President (Welfare), Deputy President (Education), and Felix Editor. These six positions will require taking a year out of your degree and working full-time with Imperial College Union. Non-sabbatical posts include four student trustees.

Last year saw a record turn-out for the Felix Editor election, which saw Dan Wan, Kadhim Shubber and Zoe Dobell fight it out for the 30% voting turnout. Wan narrowly scraped the victory by a marginal 60 votes over 2nd place Shubber. Shubber has iterated his interest in running for a second time. The rumour mill has started turning for other positions also, four

people already putting their names forward for Union President barely a week after nominations opened.

Every position so far has at least one candidate, and these elections look to fire up College once again with some surprising names appearing to stand. To look at the full list log into www.imperialcollegeunion.org/vote.

To stand for a position this year, you'll need to log into imperialcollegeunion.org/vote, follow the links and get 20 other students to second you. Once you've got the 20, you're officially a candidate in the elections.

Campaigning starts 2nd of March, so voters should get their sweet-teeth ready for the buckets of free candy that'll be thrown your way.



Returning Officer and Deputy President (Finance & Services) Daniel Hill hopes to see stress-free elections for the new sabbaticals.

What can you stand for?

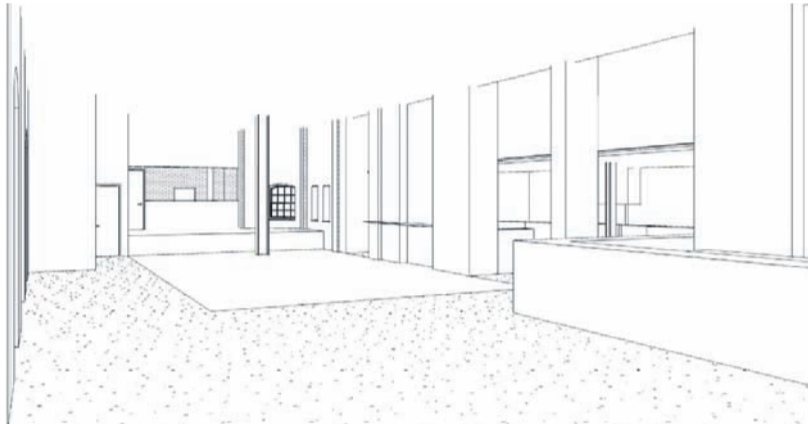
- President
- Deputy President (Finance & Services)
- Deputy President (Clubs & Societies)
- Deputy President (Welfare)
- Deputy President (Education)
- Felix Editor
- 4 x Student Trustees

How do I stand?

Go to www.imperialcollegeunion.org/vote, and log in. Simple!

You'll be victim to blurry photography at Freshers' Week as Deputy President

Bar names shortlists announced



The blizzard-effect decor for the new nightclub might not last long

Charlotte Morris

As no doubt many of you are already aware, Imperial College Union is having a face lift. Phase 3 of the redevelopment is well under way, with many thanks to our Union President, Ashley Brown, and Deputy President (Finance & Services), Danny Hill, among others.

After Phases 1 and 2 of the union redevelopment, which saw the rehousing of the Student Activities Centre (SAC) and the Union offices into the main union building, creating a mezzanine level and freeing up the Beit Quad East Basement to allow it to be used as storage and additional meeting rooms for clubs and societies, we're now seeing the beginning of Phase 3.

Phase 3 involves the refurbishment of the ground floor of the main union building, including the two bars. The design for the bars has almost been finalised, amid controversy over what to do about a certain pillar in dB's.

Imperial College Union is nothing without its students, so they've asked for your input into the designing and, more importantly, the renaming of

the bars on the ground floor of the union building. dB's will no longer be called dB's and Da Vinci's will no longer be called Da Vinci's. The Union have asked you to email in a few suggestions of what you think they should be renamed to.

Over the last couple of weeks, people have been emailing in their ideas; sending in all kinds of weird and wonderful names for the bars. We had over 150 different suggestions sent in by students, from the typical Imperial geeky ones, such as 'Pi' and 'Dark Matter'; to the downright weird 'Smarties' and 'Gash'.

After much deliberation, those 150 suggestions have been whittled down to a shortlist (see below).

It's time for more input from Imperial students. Now that the shortlist has been decided, you can go to felixonline.co.uk from today and vote for your favourite name for each of the bars. The poll will be online until Thursday 25th February at noon, so you'll have to hurry up if you want to have your say!

Don't forget you can keep up with the Phase 3 developments on the union website.

Shortlist for new nightclub:

1. Neighbourhood
2. Lab
3. Metric
4. Theory
5. Iris

Shortlist for new bar:

1. Library
2. The Consort
3. The Crown & Shield
4. Quad

Have your say!

Vote online from today at felixonline.co.uk

Mandelson criticises academics amongst impending cuts



Lord Mandelson peers into the abyss that the higher education cuts have left in universities' budgets

Sina Ataherian

Tensions between Lord Mandelson and the academic community have been rising ever since his then Department for Business was given control of higher education, to become the Department for Business, Innovation and Skills. Many complained that this was a blatant move in the direction of commercialising academia. The situation has been considerably worsened by the government's all-round budget cuts, designed to appease voters alarmed by the record deficit ahead of general elections in May.

At a lecture at Nottingham University last week, Lord Mandelson argued that academics were wrong to feel singled out, "much of the rest of the public sector will receive similar constraints in the course of this year or soon after... the appearance that universities are in the frontline of public spending cuts is an illusion created by that need to plan ahead. I have always said that higher education would have to bear its share of public spending cuts, but not more. Public funding cuts are the regrettable cost to the UK of saving the banking sector and getting the country through the recession."

A £1 billion reduction in the higher education budget has been announced for next year. He claimed that academics "think they have a right to be set in aspic in what they do," arguing that when they complain about the budget cuts, what they are really concerned with is dealing with change. "They are using the argument about spending reductions as a screen or a cloak behind

which resistance to any sort of change and reform can be conducted."

From the common experience of university academics, this sounds more plausible than the Russell Group's warning that the cuts could "bring universities to their knees within six months." However, the cuts may be especially damaging as last year's record of 570,000 undergraduate applicants is expected to rise by one fifth.

Lord Mandelson also reiterated his earlier advocacy of two-year intensive learning bachelors' degrees, describing it as something that "needs to happen anyway." It is also likely to save the government billions in higher education spending. He also reaffirmed the government's commitment to ensuring that not everyone has access to higher education, "it makes no sense, either in terms of the cost to the public purse or the provision of quality teaching, which remains critical to the credibility of higher education."

"A large-scale, untargeted further expansion of full-time three-year degrees, without any real attention to what these additional students are studying, or how well it equips them for life at work, also makes no sense at a time when we need to be focusing more closely on strategic skills and alternatives to full-time study." Mandelson encouraged students who fail to get into university to instead "take up apprenticeships." The government's encouragement of all children to aim for university places has aggravated the offence felt over these comments.

Lord Mandelson's statements come as the think tank Policy Exchange published a study last week arguing for

higher tuition fees as a source of additional funding for universities. One of the report's authors said, "if we want to retain Britain's position as a global leader in higher education, we are convinced that fees will need to rise... [higher fees are] vital, if we are to have a fair system in which institutions that serve students well are rewarded." The report has been criticised for putting students from poorer backgrounds off applying for the most prestigious universities, which would be the most likely to raise their fees.

On a positive note, the government is planning a transfer of funding from "degrees" to degrees in science, technology and medicine. Dr Richard Pike, chief executive of the Royal Society of Chemistry, said "Mickey Mouse" courses such as celebrity journalism, drama combined with waste management, and international football business management – all of which exist – should be "kicked into touch".

Universities are now waiting for an independent commission chaired by Lord Brown to report back after the general elections. It is expected to recommend raising fees to £7000 per year. This will not apply to existing students, or those starting next year. It may advantage existing students and graduates by reducing new applicants, which could tackle 'grade inflation'. This is the phenomenon of graduate salaries going down because of the rise in the supply of graduates, seen particularly in the last decade. It has already tightened the graduate premium – the difference between average life-time earnings of graduates and non-graduates – by over 70% in this time, to below £200,000.

Lord Winston has bad ideas coming

David Harrington

This Monday evening, over 80 students and staff members of Imperial College, together with members of the local Jewish community, gathered to hear Professor Lord Robert Winston.

Lord Winston spoke about his new book "Bad Ideas", due to be published the 18th February. In this unique and timely book, he takes a fresh look at

Winston connected the 'drive to invent' to the first biblical commandment in Genesis (1:18), "be fruitful and multiply, fill the world and conquer it".

man's greatest discoveries and innovations and asks whether our dependence on science and technology has led us into a precarious situation which is doomed to become worse before it gets better? As well as tracing the history and fall-out of our very worst ideas, this book also advocates the merits of scientific progress. For, our drive to invent and improve the world around us is what, after all, makes us human.

Many Imperial students were

present, as well as students from various nearby colleges. Mark Harris studying maths at IC said, "I was very interested in his subject matter, and his examples were all thought provoking, and presented in a way I had never thought of before".

Professor Winston discussed the basic human fear of change, and the fear of new science and technology. To cite an example, he went as far back as the early days of writing. Interestingly, people back then reacted with fear, burning books and other forms of writing in large public displays, because writing transmitted sacred knowledge which should be kept, and not disseminated; or it transmitted knowledge that didn't suit the current powers that be. Today, for the most part, we see writing as a good thing.

Governments often use and misuse science and technology with key decisions being made by a select few people. Professor Winston advocated educating the public, so that they could be informed and involved in key decisions which would perhaps help in harnessing the rapid advancements of modern science and technology. Professor Winston connected the 'drive to invent' to the first biblical commandment in Genesis (1:18), "be fruitful and multiply, fill the world and conquer it". He explained the term "conquer it" as meaning to take control of science and



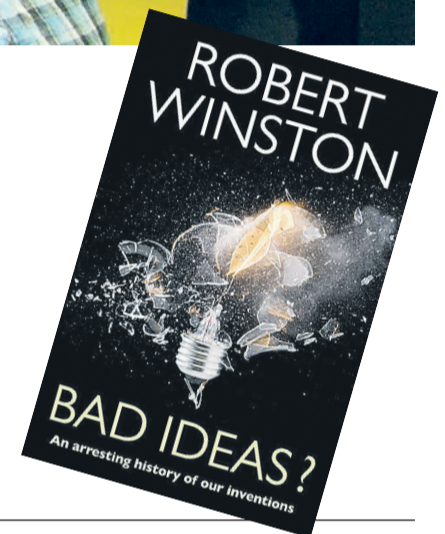
Lord Winston heads up the core module 'Moustache Growing 101'

harness the innovations that humans come up with and use them for positive things.

"The talk was thought provoking and well received, both by scientists and non-scientists," Rabbi Mendy Loewenthal, director of Chabad of South Kensington said. Adam Szereanyi, an undergraduate in finance at Budapest University commented, "he brought scientific concepts to a level that made them universally understandable".

Chabad - Lubavitch (UK) has long been active on university campuses in London, including IC, with classes and social programmes. In 2008, the activities expanded to include a full time Chabad House in South Kensington, serving the needs of Jewish students and other locals.

Chabad of South Kensington is part of a pioneering Jewish network of some 4,000 Chabad-Lubavitch centres in more than 50 countries around the world.



Imperial goes PhD international



Kadhim Shubber News Editor

Imperial has launched its first international PhDs in partnership with three Asian institutions: University of Hong Kong, National University of Singapore and Nanyang Technological University, also in Singapore.

Students who apply for the joint PhD (across all the subjects offered at Imperial) will have to be accepted by both Imperial and their Asian counterpart and will divide their time equally between the two institutions.

Their PhD will also be jointly assessed in a joint viva at the end of the course.

Professor Mary Ritter, Pro Rector of International Affairs said that

students taking part in the joint PhD programme "will have the chance to become part of a network of leading researchers in two world centres of scientific excellence, launching them into a globe-spanning career."

The venture is also aimed at strengthening Imperial's links with other research groups. Acting Rector Sir Keith O'Nions said: "If we're really going to tackle major challenges like climate change, sustainable energy and global health, the world needs science to be outward looking and collaborative."

There are fears that such projects dilute the prestige of the more famous partner, in this case Imperial College. However, Hong Kong University and University of Singapore are amongst Asia's premier academic institutions.

Applications are invited for the position of



Southwell Hall is one of four halls of residence located around Evelyn Gardens, just off Fulham Road in South Kensington. We are inviting applications for 10 Hall Senior position for 2010-2011. Applicants should be friendly, lively and resourceful. Application forms can be downloaded from:

<http://www.union.ic.ac.uk/halls/southwell/node/173>

The closing date is: **Friday 26th February 2010**

Bored of your degree? So are we

Writing for *felix* can be really rewarding. You meet some awesome people, have a laugh and join a team that cares without caring too much. Obviously we're biased, we think we're cool. Just about, anyway. Join in by writing or editing! *Send your submissions to felix@imperial.ac.uk*



Rhys Davies can down drinks all day long



“No matter how bad things get, a cup of tea can always make it better”



A man goes to his doctor, “Doctor, I get this pain whenever I have a cup of tea.” “Have you tried taking the spoon out first?” Haha.

This joke wouldn’t work with a biscuit. Firstly, you don’t need a spoon to eat a biscuit and secondly, food is simple. You either like it or you don’t. You know that whenever you try a new meat, it will always taste a bit like chicken. Drink, on the other hand, is more complicated. It flows, it’s ever-changing, it won’t bloody sit still. A drink is never just a drink.

Water, for example. Chemically, it’s as simple as you can get. Oxygen, hydrogen, a few double bonds and you’re sorted. But that’s not the whole story. Without it, life is impossible, but too much and life starts having serious second thoughts...unless you’re a fish.

It’s free in any pub, bar or club yet the bottled water market is worth £50 million a year. Everything goes into it and it goes into everything. You can even get a taste for a place from their water. Back home, the water in Cardiff is friendly, easy-going and just a bit fruity...just like the people. Here, in big bad London, the water is strong, stiff and tough on the liver. Pregnant women are advised to avoid London water and I’ve heard that the Thames is the only river that can be ploughed. Seems like a lot of fuss over some oxygen and hydrogen.

Throw in some carbon and mix things up and you’ve got alcohol, ethanol in particular, and suddenly things get even more complicated. Contrary to all objective evidence, it runs thicker than blood or water in the bonds of fellowship. It’s a drink of initiation, of commiseration, of congratulation,

and manifold other purposes. If you don’t believe me, visit the Reynolds on a Wednesday night and watch as the floors run red with Snakebite (and other fluids). I can still remember my first day at Imperial, the respect that radiated from my peers as I funnelled away everything they had to contribute. That feat would have been nowhere near as impressive if I’d downed Diet Cokes and J20s instead.

But no matter how legendary your actions towards alcohol, they can’t compare to the magic of alcohol’s actions on you. After a few dances with Señorita Tequila, I become a different person; affable yet clumsy, and gifted with an encyclopedic knowledge of Welsh culture and history (wait, how is that different?). But that’s the great and terrible thing about alcohol. People act more true to themselves while sloshed, pissed and rat-arsed. If you

find walking in a straight line while gazeboed difficult, do you really think you have the cohesive cognitive ability to present a false façade to the world? Any and all masquerades subtly dissolve into that ubiquitous social solvent over the course of a night. Of course, for every infinitely friendly drunk, there is a lusty, fighty half-cut lout. It’s not exactly a glowing endorsement of humanity but hey, cheers!

The magic alcohol can work on someone is indeed impressive but it pales in comparison to the otherworldly powers of that prince of beverages, tea. No matter how bad things get, a cup of tea can always make things better. And how does it do that? The universe doesn’t suddenly contort into some fancy origami of a new reality. The rent will still be overdue, those exams will still happen next week, and I guarantee it will still be raining...but after a cup

of tea; milk, two sugars and perhaps a cheeky chocolate digestive, everything will seem better. As a scientist, the only rational explanation I can find is...it’s magic. Simple as that. Even its origin is somewhat otherworldly. The ancient Chinese emperor, Shennong, was sitting peacefully in his garden with a cup of boiling water (and I won’t deny that that is delicious) when some camellia leaves drifted into his drink, like a gift from the gods. And maybe that’s what it is, a gift. A gift for when life crowds in, when it all piles up and everything seems too much. Sometimes, in those awkward moments, when there are no words to say, you can say it best with a simple cup of tea.

They say that, after all the evils of the world had escaped, the last thing to leave Pandora’s box was hope – is it possible that the box Pandora opened was a box of PG Tips?

Ken Wu is a lazy, good-for-nothing student



“The idea of ‘less effort’ is so dominant in a student’s brain...”



Laziness has become an integral part of any university student’s life. It is one of the most important trademarks of a student, placing it on a par with excessive drinking, partying and self-inflicted sleep deprivation. It is a unique phenomenon only shared by those who have experienced it and can therefore appreciate its artistic beauty. In fact it is so sophisticated that there should be an entire academic branch devoted to studying this incredible occurrence. Ok, maybe too much but throughout my time at university I have noticed many unusual and peculiar quirks which have arisen purely due for the sake of saving effort.

Effort, time and money: the holy trinity of a student’s life. Less effort spent on working and passing the exams

means more time available for “things other than work”. In fact this notion can be simplified even further to an equation (keeping to the Imperial style) “less effort = more time”. More time for what? The answer to that is unknown and not even necessary. In fact the idea of “less effort” is so dominant in a student’s brain that it overrides any sense and reason that is left and it stimulates students to find ever more ingenious ways of saving effort, even if it is at the expense of time. A friend of mine, who wishes to remain anonymous in fear of the media furore that will arise from her Nobel Prize-worthy solution of saving effort, epitomises the concept of minimising effort by choosing to take the District rather than the Piccadilly Line from South Kensington station purely because “there are fewer stairs

to walk”. Despite the fact that the journey may even take longer, in the end, “less effort” rules the day.

Having dealt with one side of the equation, the other side is equally fascinating. Having obtained more time, there is the question of how to use the time. I normally idealise my thinking and convince myself that time saved means that there is more time for studying and working. Unfortunately, the truth is the time is used on procrastination, yet another hallmark of a university student’s life.

In a world where the internet is so accessible, there are countless distractions to immerse yourself in, even if the Facebook/YouTube axis of evil is taken out. I recently witnessed a series of events that again embodies the plethora of “procrastinatable-material” avail-

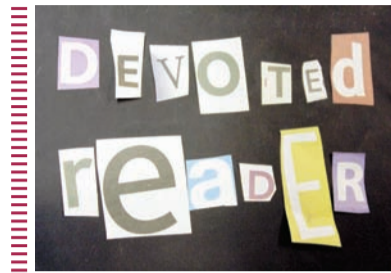
able on the web. Somehow, research on injuries of the spine lead to 30 minutes spent on an internet ten-pin bowling game (If anyone is interested, the sequence goes: spine injuries-can be caused by bowling-google bowling-bowling game). Taking a second glance at it, none of this makes any reasonable sense: in the world of high-end graphics and computers, there are countless games available which are far superior to some internet bowling game; if worktime does not transcribe to work surely it would be wise to spend that time with friends or eating. Such is the nature of procrastination!

What is worse is that the more you procrastinate, the more regret you feel in not doing any work, thus leading to more extreme measures into saving time thus leading to more time for

procrastination. I myself am victim to this as well. In fact when I typed “Facebook/YouTube axis of evil” I did an obligatory check on Facebook. In the end, the extra time obtained is again wasted on doing nothing worthy, except maybe thinking of more ingenious ways of saving effort!

I have probably exaggerated the whole aura surrounding the very simple task of not doing anything at all, especially with the ridiculous amounts of hyperbole used. However I do think it is very intriguing how students can come up with ways to be lazy most of the time, considering the fact that the age of an undergraduate is probably the age of optimal physical fitness. It is an art form and I think it deserves some appreciation, even if it is for the absurd techniques for minimising effort.

Devoted Reader confesses their undying love



"I think I may be in love, and the object of my affection is..."



From the first time I saw him at Fresher's Fair I knew he was the one. He told me of his plans to be a journalist and how writing for *felix* would change my life. Would that he knew it was he who would change my life. I stared enraptured, a misty look across my eyes – from that moment the flame in my heart was ignited...

felix, I think I may be in love and the object of my affections is someone you know very well indeed. This love is so intense I must tell someone, and *felix*,

you are my only confidante. His monosyllabic name strikes a chord in my heart. Yet alas, I fear my love goes unnoticed - he doesn't even know who I am.

Time and time again I peer through the door of the *felix* office hoping to catch a tiny glimpse of him, yet never being brave enough to enter. From snatched glances through the window I see the light from his Apple Mac reflecting against his raven hair, his glasses masking my only window into his soul.

From my vantage point outside the *felix* office I have observed many happen-

ings. Occasionally I hear raised voices, muffled by the door, the snatches of a discussion within. His passion for *felix* is evident in his tone, but only in my dreams does he feel this passion for me. It is always he who dominates the arguments, his strong leadership is uncompromised by his adequate stature. I sometimes follow him on his short walk from Eastside to the Beit quad, seeing him go about his daily life makes me feel closer to him. Yet I can never be as close as I wish I could be.

I always wonder about his enigmatic

smile. He seems so open yet I can sense further depths, secret sides of himself that he conceals. His bold glasses represent a shield, protecting his delicate soul from outside intrusions. I wish I could teach him to open his heart to me. I would do anything for him, even venture to the darkest realms of his imagination, which he hides so deftly.

He presents himself so well that I cannot imagine how anyone could resist him. His unique fashion sense captivates me. He should not have to hide behind the words of his newspaper - in

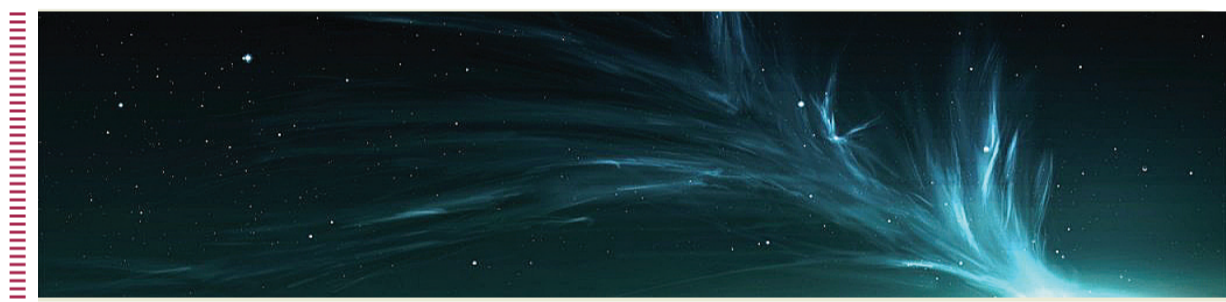
writing and in the flesh he is a beautiful person. In spite of this his writing in *felix* touches me like no other writer ever could. Whilst I read I imagine his supple writer's hands, poised above the keyboard, crafting his weekly masterpiece.

So I write this to you, *felix*, as an ode to the fire in my soul, the love of my heart, the light of my life. I am convinced that we are made for each other. He just hasn't realised yet, perhaps this letter will finally make him notice me. Make him seek me out. Make him love me.

Gilead Amit, eventually, discusses ArtsFest



"Death is the unsolvable variable in the Diophantine equations of destiny."



Ladies and Gentlemen, I stand before you now as a sinner. A vile, unrepentant transgressor of the laws of healthy affection and a victim of a dark and hideous power that holds my entrails in its icy grip.

Some of us are captive to a love that dares not speak its name. Others are trapped by a love that dares to speak of little else. But few of you innocent readers will, I venture, have been ensnared by a love that dares to write its name in blue, black and green ink on any sheet of paper that floats within the reach of its venal claws.

The irresistible fascination of pens, paper, and the combined paraphernalia of printing makes the lure of the stationery shop greater and more exciting than that of any other den of iniquity found on the high street. A sideways glance at the fluttering covers of untarnished notebooks is enough to punch a hole through the binding of my heart and staple my throat to the pit of my stomach.

There is nothing more romantic than the terrifying and nothing more capable of inducing terror than the unknown. Those of you emboldened by your Valentine's day experiences may wish to expand on this comparison, but I urge you to do so when you are alone.

Not for nothing has the tantalising draw of terra incognita always been matched with the fear of inconceivable terror. The appeal of untrodden worlds and the attraction of the night sky's

impenetrable blackness owe as much to their potential for horror as the possibilities they offer for adventure. And Death, the greatest of all unknowns – the unsolvable variable, if you will, in the Diophantine equations of destiny – has become the most mythologised of life's tribulations. Rather than ignore the fatal elephant in the room, centuries of religious thought have resulted in the stray pachyderm being strewn with sweet-smelling flowers, and laden with as much romance and saccharine tripe as it can bear.

But, I hasten with an unforgivable disregard for the rules of ordinary syntax to stress, there can be nothing more terrifying than the tabulated perfection of an empty page. The millions of characters who can, in a blink of an eye, be conjured up to crowd those narrow margins. The lives and romances, the truths and ironies, phrases opulent with rhetorical finery and laden with orotund periphrasis fighting for space with much simpler ones. A universe, in words or colours, symbols and lines, brought to life with ink and graphite on sheets of compressed wood pulp.

An act of creation on this scale requires an accompanying ritual of suitable gravitas. Our Lord the Abrahamic God had his 6 days of selective creativity, while the Norse have the primeval cow Auðumbla without whose taste for rime ice the likes of Noel Edmonds might never have been born. In their stead, artists and authors have made a deity out of emptiness and religion out of undiscovered potential.

So who can blame the fetishisation of apparatus that artistic endeavour has engendered? The stationers and arts supply stores of the world have become statuary of sacred relics to be worshipped and revered before being bought by those of us with worryingly weak minds and bladders. And then, at last, when the supplies have been safely carried to one's personal altar of writing desk or study, the act of genesis can unfold.

If we look past the disused easels and mildewed keyboards littering the studio of metaphor, and peel back the layers on the collage of comparison, Art has far more in common with Science than is usually supposed. Note the careful and sustained use of majuscules in the preceding sentence. These are not merely the result of accidental flicks of a finger on an Apple keyboard (whose enervating complexity is such that you would be forgiven for **making text bold, le traduire en Français, AND CHANGING THE FONT** when, had you but chosen to play a different chord on the ivory keyboard, you could have achieved the desired effect of aligning the text with the left margin), but a deliberate and deliberated choice. The capital letters act, like the staccato dots on written music, to indicate that the words are to be given special emphasis outside of their immediate context. Art and Science are here to be treated as Abstract Concepts – as independent axes on the Cartesian graph of Pretension.

The artist and the scientist are both

fundamentally dissatisfied creatures. Dissatisfied with their choice of clothing and ability to attract a partner perhaps, but more importantly, dissatisfied with the world around them and the pitiful attempts others have made to explain it to them. Both are fascinated by the deepest questions of purpose and meaning, and are unwilling to accept easy answers. The palette and the pipette, the acrylics and alkalis, the HCl and the HB pencil are all tools of creation and discovery which allow their wielders to link arms as pioneers on the frontiers of knowledge.

Of all the filthy and depraved habits that artists and scientists share, however, the most invidious, insidious, perfidious and hideous must be the grotesque desire for independent thought. Nothing is as problematic to dictatorships and oligarchs as the ability of individuals to think for themselves. That and satire. Fascists hate satire. As Tom Lehrer was fond of quoting what Peter Cook was fond of saying, "those wonderful Berlin cabarets did so much to stop the rise of Hitler and prevent the outbreak of the Second World War." Regardless of this démodé cynicism, those countries with the greatest limitations on personal freedom will always be the most scientifically constipated and the most artistically repressed.

Art and science cannot flourish independently of each other, or, to put it less arrogantly and more accurately, art and science will often flourish together. The explosion of artistic styles

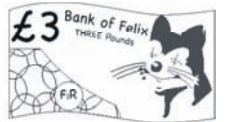
which began on the Italian peninsula in the late 14th Century was accompanied by a literal rebirth and metaphorical maturity of experimental science.

The development of cubism, and Picasso's attempts to capture all the dimensions of space and time in a single image, coincided almost exactly with the birth of the Theory of Relativity, and its compression of the Universe into one four-dimensional manifold.

Artists and scientists alike refuse to defer to any restrictive dogma. They fight for the truth and the right of individuals to interpret the world as they see it. Given all this, it is remarkable how proponents of these disciplines devote their energies to looking down their noses at each other. Artists from their lofty, geometric perspective and scientists from their hidebound, invariant frame of reference.

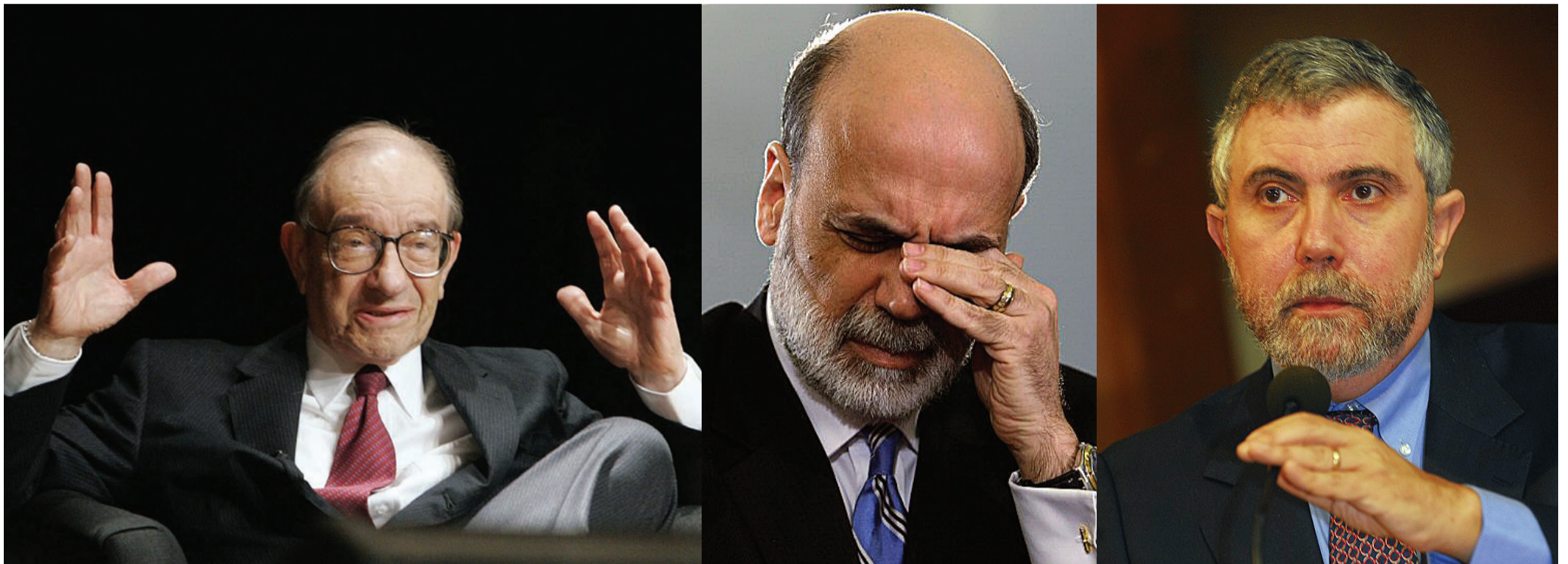
This is why, in my mind, any attempt to bring C.P Snow's fabled 'Two Cultures' closer together should be embraced with open arms and permanently stuck to one's heart with cyanoacrylate glue. And that includes the upcoming ArtsFest, a week-long attempt by those Imperialites with a bad infection of sciencitis to raise the profile of the arts on campus.

Artistic endeavour, much like endeavour of any kind at this notoriously apathetic campus, is lamentably undersubscribed and woefully underappreciated. Let's try to change that this coming week, as the walls shake to the sound of trumpets, and the walkway vibrates to the beat of drums.



What really causes the Business Cycles?

Edward Townes explains the once forgotten, now rapidly growing, view of the Austrian School of Economics



Left to right: Alan Greenspan, lucky winner of the Enron Prize for Public Service, kept interest rates artificially lower than its market rate throughout his eighteen-year reign as Fed Chairman; his successor continued the policy - Bernanke's academic specialism is 'causes of recessions'; Nobel Laureate Paul Krugman went further - he called for a housing bubble to 'reinflate' after the .com bust.

The silver lining of the 2008 recession has been people remembering that personal financial understanding directly relates to our own individual wealth. Understanding what caused the recession gets us a long way towards identifying how we can personally reduce the impact of the next recession on ourselves. We could even put ourselves in a position to benefit from it. It is now clear that the practical value in sound economics is not restricted to financial professionals and policy makers.

BUSINESS CYCLES AND THE RECESSION

The mainstream politicians and pundits who foresaw nothing of the crisis and advocated the wrong remedies are sticking to the old political adage not to waste a crisis. They have spotted an opportunity to anchor their ideology into conventional wisdom. By far the worst possible ending to this story involves us letting them do this. Over recent decades the well-intentioned but gravely misinformed people, who are also disproportionately represented in politics, have significantly slowed economic development. Today, as always, they are appealing to the same irrationality that allowed and then inflated the problem.

Deregulation is a favourite explanation for why things got so out of hand in the financial markets, but this appeals only to ignorance. Finance is easily one of the most heavily regulated industries and almost all the misdeeds occurred right under the noses of the existing regulators. Furthermore there are numerous laws that demonstrably created incentives to lend money irresponsibly. Other explanations gen-

erally focus on blaming symptoms of the problem, such as bonuses and compensation in the financial industry, predatory lending, and speculative bubbles.

"Deregulation is a favourite explanation...but this appeals only to ignorance"

The question of who is to blame is simultaneously dismissed as childish and answered with 'the greedy banks' or 'irresponsible borrowers'. In fact, the general explanation was discovered by Ludwig von Mises, one of the greatest economists of the last century. His explanation of the business cycle was developed by F.A. Hayek, for which he won a Nobel Prize in 1974.

THE ORIGINS OF MONEY

The core of the problem is the way new currency is created. Understanding how our currency affects our economy is crucial, but not immediately obvious. The injustice and destruction caused by the current monetary system depends on the subject being considered to be beyond the intellectual grasp of the average voter in order for it to continue unnoticed. In reality, the system is not especially difficult to understand once you side-step the myriad of obfuscation, which has been built up around it to create a barrier that hides what's really going on.

Money is about facilitating ex-

change, calculating business decisions, and storing accumulated wealth. It grew out of the barter system primarily when the following problem presented itself: what if the other party to the exchange doesn't want what I have to offer?

The problem was resolved by expanding the chains of exchange beyond two people. Over time, it is noticed that certain items are required with great frequency.

Of these commonly used commodities, some can be stored without losing their value (for example, food rots and some technologies may become obsolete). Some things pack great value into a small weight and volume, and so are easy to hide in the house and transport when needed.

Again, only some of these will be divisible into small parts of little value, without losing their value. If all of these conditions are met by a particular commodity, something interesting happens.

"...the current system [is] dressed as beyond the intellectual grasp of the average voter"

People would start to accept it as payment not for personal use, but because they know they can trade it for whatever they will want at a later time. The commodity has become money. Traditionally, gold and silver have been the most popular choices because they have all of the qualifications listed above.

MANIPULATING THE MONEY MARKETS

So how does this relate to the business cycle? Remember that money is ultimately just a commodity that's being used as a medium of exchange. Like any commodity, it is subject to the laws of supply and demand. In an ideal situation, the supply of money is determined by the amount of money being saved and deposited in banks, and the borrowers in the economy determine the demand for money. The price of money is the interest rate presented to borrowers and savers.

And again, just like any other commodity, manipulating the price of money against its economic equilibrium causes problems. When the banking system creates money out of thin air, it presents it to be borrowed alongside the real supply created by people saving money.

As a result, the supply of money is flooded and the price of borrowing is artificially lowered. This has two principal effects: it discourages people from saving money, and it encourages people to borrow money. Clearly, this dislocates the balance between savers and borrowers.

This manipulation of the money supply has been the single most important cause of every artificial boom and subsequent bust since the American recession of 1921. In each instance, coercive mismanagement has greatly worsened the problem.

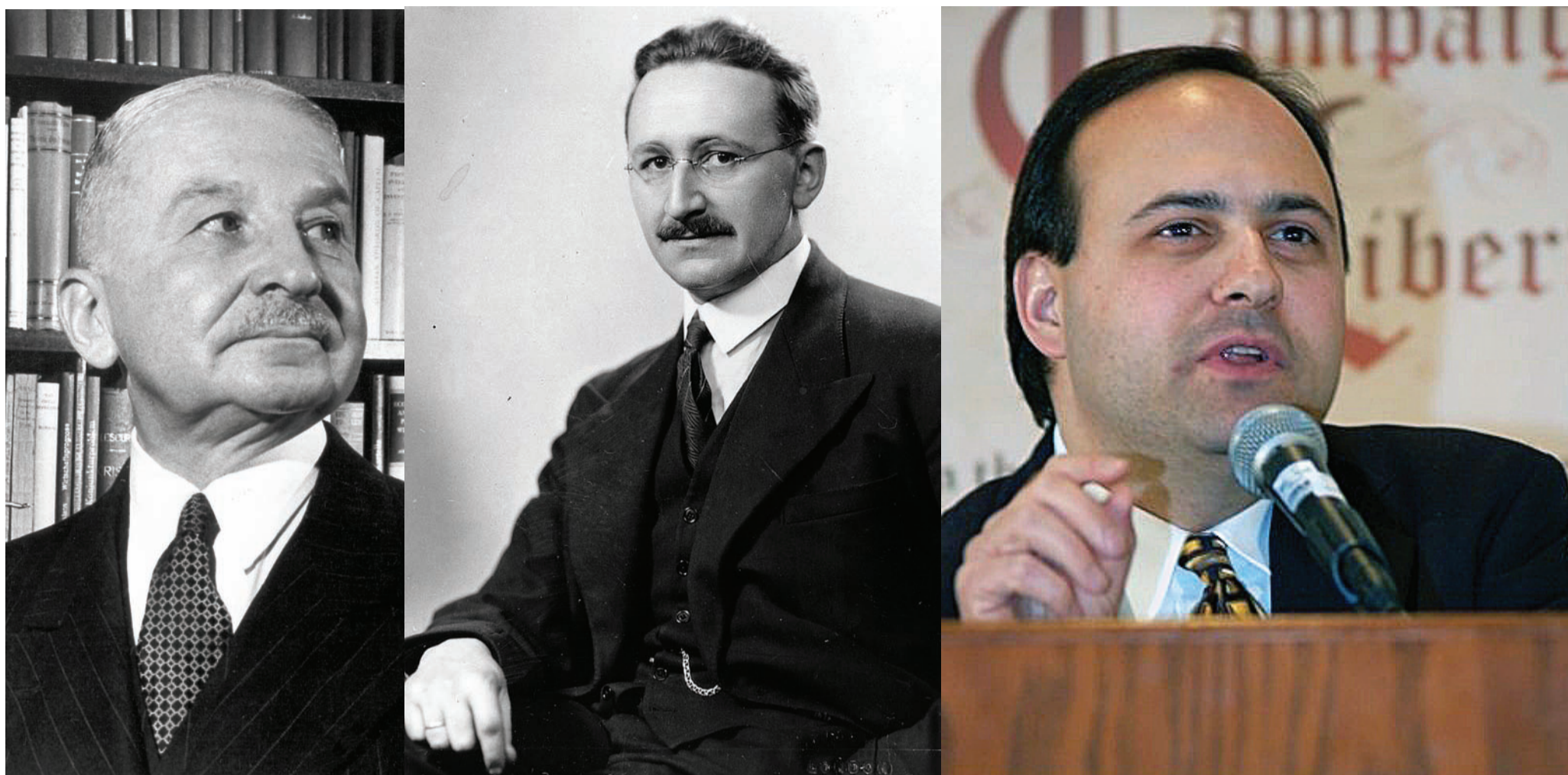
Notice that was the 'recession of 1921' rather than the 'recession of the 1920s' precisely because the Warren G. Harding administration rightly embraced it as the healthy correction to First World War over-spending. Back then, America was saved from the greatest excesses of intervention by

a Federal budget equal to just ten per cent of GDP, compared with over thirty percent today. The administration's economic understanding was nonetheless an important factor.

"[ideally] the supply of money is determined by money being saved in banks, and borrowers determine demand"

It recognised the problem as the simple realisation that assets are over-priced, an understandable increase in risk-aversion, and liquidity issues for firms and their customers. Unlike all subsequent administrations to date, it did not pick out the one saving grace of recession – lower price levels – as the problem to 'correct'.

Since then, every government in the US, nearly all British governments, and most governments elsewhere have behaved in the same way. Every time a price correction is needed, they re-inflated. This is despite the obvious damage (as with the Depression) or public anger (as with the recent TARP). This represents the political favouritism shown towards the logically impaired and empirically debunked Keynesian School, because it calls for huge government spending. And as Richard Nixon famously explained in 1971, "we are all Keynesians now."



Left to right: Austrian economist Ludwig von Mises was first discovered the 'Austrian' theory of business cycles; F.A. Hayek, the ideological rival of Keynes, developed von Mises's theory - for this he shared the 1974 Nobel Prize in Economics; Tom Woods (pictured above) is one of many economists in the Misesian tradition who warned of the 2008 crises. Peter Schiff is another famous example.

SO WHY DOES ANY OF THIS MATTER?

Money itself is not wealth; it is the potential to claim wealth. When people borrow money from the bank, they expect to be able to use it to purchase real things. When there is more money in existence than there are things to buy with it, prices have to go up accordingly. Most people do not earn enough money to compensate for this. This is because the prices of real goods and services do not all rise at the same time.

The first people to use the new money - the government and its agencies - can spend it before this causes prices to rise. Therefore inflation is a tax, just like any other. But because it is more difficult to see and easier to get away with, it is subject to nowhere near as much scrutiny as other taxes.

"When there is more money in existence than there are things to buy with it, prices have to go up"

The problem with this is that the government can spend its proceeds on policies that would not be otherwise acceptable. For example, the recent war in Iraq would probably not have happened if every American family was asked to pay \$15,000 up-front. Yet this is what it cost, as calculated by the notable economist Joseph Stiglitz.

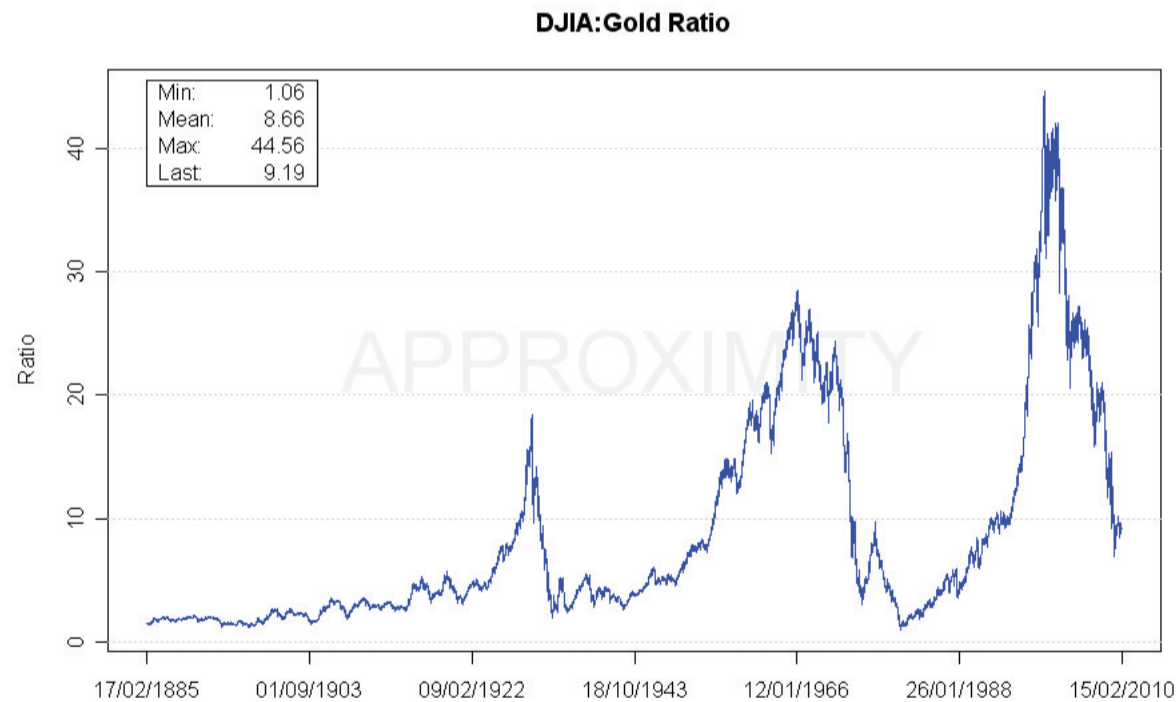
Also, inflationism plays particular havoc with investors and entrepreneurs, who calculate their business decisions based on false information concerning the amount of real wealth available. The result is a boom in borrowing and investment in new ventures, and a corresponding boom in debt created at the same time.

"...both problems are massively exasperated by the implicit promise of State bail-out"

But the laws of economics do not allow this situation to be sustainable. There comes a point where the debt cannot be supported by the productive capability of an economy and through compound interest it grows out of control. There comes a point where the people who have borrowed and invested realise that they've obtained less real wealth for their efforts than they had been led to believe. A collapse ensues.

Note that it is not necessary for investors to be ignorant in order to fall prey to this trap. Even if you know that debt levels are unsustainable, if you work for an investment fund or bank you may well fear losing your job if you pull out of certain markets even as they are rapidly growing.

As the system unravels, money that was created by loans through fractional reserves is demanded back, which causes insolvency problems for the banks as they only deposit a fraction of what they owe. At the same time, they



The Dow Jones industrial average is shown in terms of gold grams. The first peak is the Great Depression. The next peak was caused by the strains of the Vietnam War and LBJ's 'Great Society' reforms. The latest one is the biggest of all.

recover only a fraction of what they are owed. Banking regulation and money printing are the most direct forms of State interference in finance. The argument for the former is that some unregulated banks will fail, causing irrational savers to lose confidence in all banks. Apparently market forces do not apply.

Ironically, both problems are massively exasperated by the implicit promise of State bail-out as well as the perceived homogeneity of an entire industry regulated to exactly the same standards.

PREDICTING THE NEXT RECESSION

As we have seen, recessions are mainly caused by excessive money printing. So how can we tell when this has happened?

For at least the last 4000 years, gold has the commodity standard of choice. Even today, it still remains the best available approximation to a free market in money. The reason for this is that its supply can grow only very slowly.

Therefore a good early warning sign

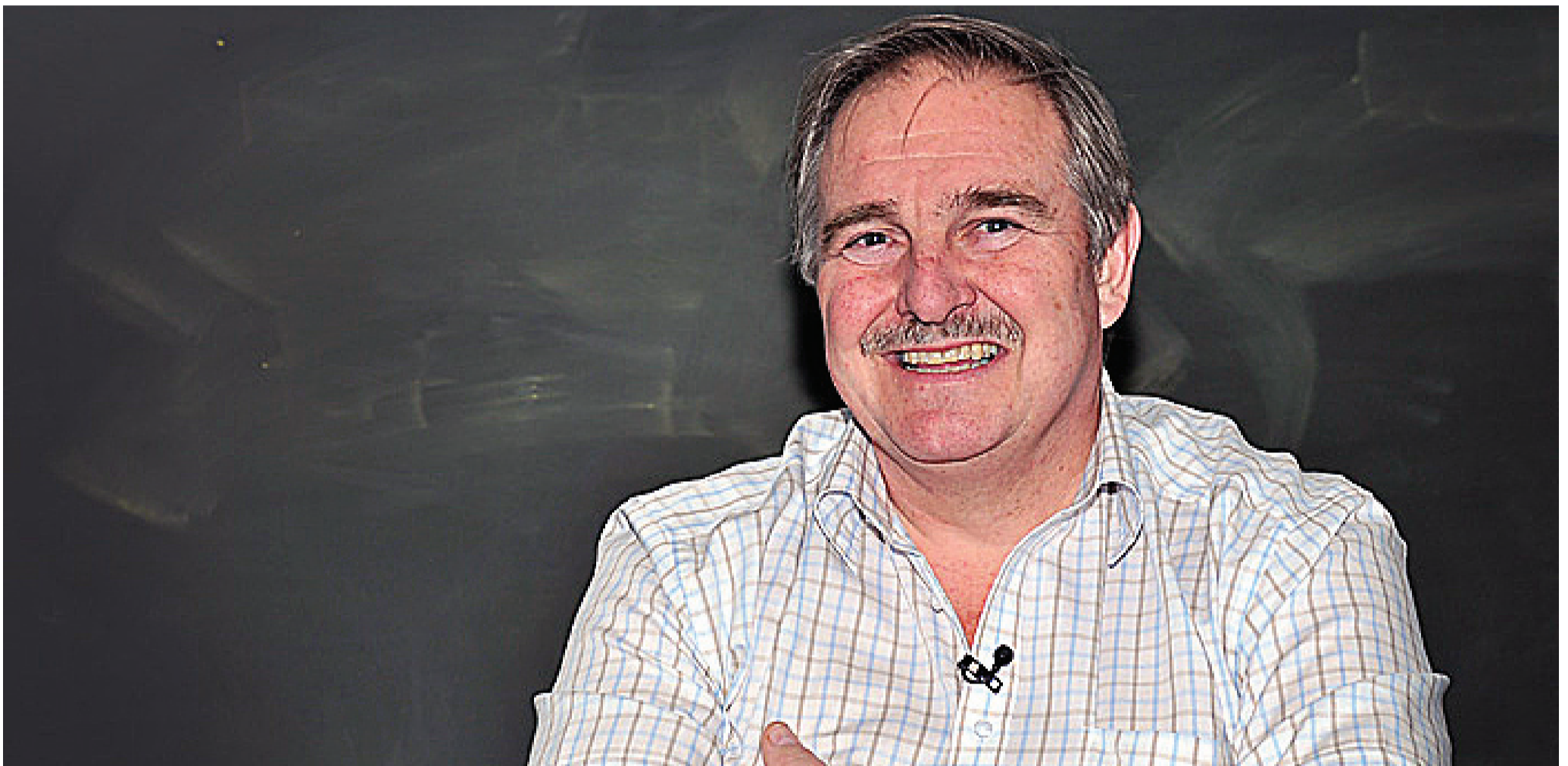
of an unsustainable asset bubble is that its price will rise in terms of gold beyond fundamental justification. But this is only the beginning of the story. The Austrian School of economics has a long and distinguished history of being right on key debates, including business cycles.

If you have found any of the ideas discussed in this article interesting, you are in luck. The website of the world's leading institute of Austrian economics, mises.org, has further resources on all economic topics. It is all available online for free.



Prof. David Nutt, Science and Politics

Ex AMCD chair Professor David Nutt recently took part in interview and Q&A session at Imperial, Erica Cule reports on the event and the Professor's views on the relationship between Science and Politics.



Professor David Nutt, since being sacked as Chair of the ACMD, has set up a new Independent Scientific Committee on Drugs. His recent talk held by the PPS at Imperial College had a strong turnout.

It is very easy, when you study at undergraduate level, to imagine that science has got nothing to do with politics, or philosophy, or history.

So claimed Dr. Stephen Webster, Director of the Science Communication Group at Imperial College, as he opened Imperial College Union's Political Philosophy Society's recent event. The subject of the Interview and Question and Answer session, Professor David Nutt, is "emblematic" of the ease with which disagreements arise at the interface between science and politics.

That the Pippard Lecture Theatre was full to beyond capacity suggests that a proportion of Imperial College's students are well-aware of at least one current source of friction between scientists and government. In October last year, Professor Nutt was sacked from his position as chair of the Advisory Council on the Misuse of Drugs (ACMD) when he gave advice that was at odds with government policy.

Professor Nutt graduated in Medicine from Cambridge University, and subsequently trained as a psychiatrist with an interest in neuropsychopharmacology. A relatively recent arrival at Imperial College, he holds the Edmond J Safra chair in Neuropsychopharmacology here. Such a background

made him the ideal candidate for chair of the ACMD, a position he was appointed to in January 2008, having served on the council for a number of years before that.

In common with Dr. Webster, I first became aware of Professor Nutt in February last year when I read his article *'Equasy - An overlooked addiction with implications for the current debate on Drug Harms'*, which was published in the *Journal of Psychopharmacology*.

This article compares the risks associated with horse riding with those associated with taking ecstasy, and reaches some surprising conclusions.

The article and its subsequent press coverage ruffled the feathers of the then Home Secretary, Jacqui Smith who requested that he issue an apology, which he did. The call for his resignation in October last year was prompted by the publication of a report, *'Estimating Drug Harms: a risky business'*, by the Centre for Crime and Justice Studies at Kings College.

The report, itself an edited transcript of a lecture given by Nutt, discusses the many factors influencing legislation about drugs. In the report, the scale published in *The Lancet* in 2007 was presented. This scale attempts to parametrize and summarize the risks associated with

the use of various drugs, both legal and illegal, resulting in a hierarchy at odds with current drug legislation. Known for being outspoken, perhaps Professor Nutt felt able to be even more frank because since his sacking he can no longer be chastised by the Home Secretary for making his views public whilst holding a government advisory position.

At the PPS event, he did not shy away from the challenging questions presented by Dr. Webster and later by the audience. Dr. Webster encouraged this candour, opening by asking him what it felt like to be sacked by the Home Office. Professor Nutt touched on the power of e-mail - he was able to communicate his side of the story within hours of his sacking. Such a rapid response is not possible from a bureaucratic government department. Professor Nutt spoke about the lack of scientific rigour underlying the ACMD's decisions at the time that he joined, something that appalled him at the time.

However, establishing a system of classification based on relative harms (the aforementioned publication in *The Lancet*) did not win approval from government ministers when classifying drugs according to their harms brought out striking inconsistencies between current drugs legislation surrounding possession and

supply. Questions from the audience covered a wide range of topics.

Imperial's cosmopolitan student community were able to point out the differences in drugs policy in different countries, and to discuss the impact different approaches have on the problems caused by drugs. Professor Nutt clarified misconceptions about drugs and our current understanding of their effects, and carefully pointed out where research was lacking, or difficult to conduct.

His passion for evidence-based policy-making was clear. Following his sacking, Professor Nutt has not retreated from investigating drug harms. In January this year he announced the launch of the Independent Scientific Committee on Drugs (ISCD). At the press conference announcing the launch of the new Committee, Professor Nutt outlined its planned remit, to include not just research on drug harms but also their benefits and treatments.

Drugs are an emotive issue, and, in establishing the ISCD, Professor Nutt hopes to lead an independent committee once removed from the government, that will eventually be commissioned by the government to conduct research. Whether this comes to pass will probably not become clear until after the general election. Questions from the floor

made it obvious that Professor Nutt was, in this instance, somewhat preaching to the converted.

As an advocate of the role of scientific evidence in the formation of government policy facing an audience of science students, he was unlikely to meet many dissidents from a political point of view. And when his published research points out the discrepancy between evidence of harms and current drug classification, and furthermore leads to the recommendation of the downgrading of some drugs, and his audience are students, he is likely to be met with far fewer accusations than he has received from Home Secretaries over the years.

For a lively, upfront and honest discussion of Professor Nutt's efforts to bring some science to scientific advice, and a demonstration of his refusal to march to a political beat, the evening was informal and entertaining.

However, I could not help but feel that the debate might have been all the richer if there had been a sprinkling of Daily Mail readers in the audience. In this vein, if I may take the liberty, on behalf of the PPS I would like to extend an invitation to the Home Secretary to face a similar audience, some of whom might have an interest in a future career in science, or in government, or in both.

Is the economy too complex for voters?

This week, **James Lees** discusses the extent to which the state of the economy will effect the upcoming general election.

It's the economy, stupid, read the phrase from Bill Clinton's campaign in 1992. This meant that what wins voters over is the state of the economy above almost all else, and in the upcoming British general election Bill's phrase will remain just as true.

Over the next few months the main debate will be over the scale and speed of the needed cuts to the nation's growing budget deficit.

Britain has just emerged from recession, with the last reported figures showing the country limping out of the longest and deepest recession since before WWII.

While the return to growth is certainly good news, the extent to which the economy expanded in the 4th quarter of 2009, a mere 0.1%, was lower than the 0.4% that had been predicted.

The government seized on this data to proclaim their policies were working, and using the opportunity to score some points against the Tories who had not been supportive of the government's spending plans.

Where to go from here is dividing the parties and other commentators as well. Labour's plan is more or less much of the same, with more borrowing, more spending and with a pledge to cut the deficit by half over the next few years.

This plan has been criticised by 20 economics experts in a letter to the Sunday Times last weekend.

Their opinion is that the Treasury has not set out a plan to cut the budget deficit quickly enough. Without a significant effort to cut the structural deficit, the build up of which they concur was necessary during the recession, now threatens to drag the country back into recession and completely undermine the recovery.

Personally, I am less inclined to agree with Labour than with the authors of that letter, who include a range of distinguished academics and policy makers. It certainly seems to have been the case that quantitative easing and increased government spending has helped the economy recover.

"Crucially, economic experts say there is a compelling case for starting [cutting the deficit] in 2010"
-George Osborne

For this Darling and Brown deserve some credit, but Labour have not been the amazing financial wizards the Prime Minister is so enthusiastic to tell us they have been.

Gordon Brown is likely to go down in history as the man who claimed that there would be "no more boom and bust" in 1997.

He then proceeded to borrow large amounts of money, promoted the deregulation of the banks and of course sold more than half of the nation's gold reserves at an embarrassingly bad time

This complete lack of financial un-

derstanding meant that the gold was sold at over £5bn less than it would be worth today.

Of course it is easy to be knowledgeable with hindsight, and it is far easier to criticise than to come up with your own plans. That said even at the time of the gold sale it was seen by commodities experts as a ridiculous plan.

It would seem that Labour are no longer competent enough to run the country, if they ever were; so the question arises of whether the Conservatives are. The Conservatives have been pushing for government spending to come down for a long time, and they feel vindicated by the conclusions of the letter.

Shadow Chancellor George Osborne has said, "Crucially, these economic experts also say there is a compelling case for starting in 2010 and that there should be independent oversight of the forecasts - two arguments we Conservatives have been making with force for months now."

The agreement between the authors and the Tories is not total. The Tories are not ruling out tax rises, including VAT, which many commentators fear may push the fledgling economy back into recession.

Mainstream ideas of how to sort out the country are of course not the only ones. The New Economics Foundation, a think tank with socialist leanings, believes that the working week should be cut to 21 hours.

The idea is that it would tackle 2 problems in 1: unemployment and those who are overworked. Sadly for the lazy this is unlikely to ever happen.

Employers spend a large amount of time and money on training people, and training twice as many people is likely to prove prohibitively expensive in some industries, for example medicine or nuclear submarine captaining.

The deepest problem the economy



The pound may tumble if markets lose faith in British budget deficit plans.

is likely to face is the general election itself. The number of people who will vote will massively outweigh those who understand the economy.

The stumbling block could easily be short term vote grabbing policies over long term schemes to get the economy back into shape and before long the PIIGS (Portugal, Italy, Ireland, Greece, Spain) could be the BIG-PIS or BI-PIGS.

25%
The percentage of people I asked on the bus who knew what quantitative easing was, all of who planned on voting.

This week

Argentina steps up row over Falklands

Argentina has announced new controls on shipping in its waters near the Falklands after protests over British oil drilling plans fell on deaf ears. Argentine President, Cristina Fernandez has now signed a decree which requires all vessels passing through Argentinian territorial waters or travelling between the islands and Argentina to seek prior permission. The Falkland Islands, a British overseas territory, are also claimed by the Argentine government. This dispute climaxed in 1982 with the Argentine invasion of the Falklands.



Conservative error on pregnancy rates

The Conservatives have been criticised after claiming that the pregnancy rate for under 18s in the 10 poorest areas of England was 54%. The actual figure of 5.4% being significantly smaller caused the other parties to declare the Tories as out of touch with modern society. While it might seem more likely that it was an unfortunate error from misreading the figures, other Conservative claims of a 'Broken Britain' don't appear to hold much water either.



BNP now accepts non-white members

The BNP scrapped its whites-only membership rule following a vote held at their general meeting. Nick Griffin, leader of the BNP stated that "we recognise legal reality, so we have done it, and now, for one thing, they can't call us racist anymore". The right-wing party was forced to change its membership rules following a threat of legal action from the Equality and Human Rights Commission, which Mr Griffin described as a "government funded, tax payer funded quango". The first non white member is likely to be 78 year old Mr Singh.





Broadway Royalty Coming Through...

Lucy Harrold talks to Stephanie J. Block about her upcoming concert

Most of you will probably never have heard of Stephanie J Block, but to those of you who have, the news of her first solo outing in London is a big deal. On Broadway she is a leading lady with an amazing voice, having appeared alongside Hugh Jackman in 'The Boy from Oz', held her own as Judy Bernly in '9 to 5 The Musical' and originating the role of Elphaba in workshop productions of 'Wicked'.

Following a successful appearance in Scott Alan's 'Just Me...And Them', SimG productions have brought her back for her very own concert at the New Player's Theatre which looks set to be an awesome concert. I got to speak to Stephanie in preparation for this concert and I must say I was bloody excited to speaking to someone of such high calibre on the Broadway scene!

How did your concert at the New Player's Theatre come about? How do you find the intimate concert in comparison to a huge stage?

I performed in London late last year with Scott Alan. Simon Greiff produced Scott's concert and it was beautifully presented, with a lot of care and class. Simon asked if I would be interested in bringing my solo concert to the West End and I was thrilled! There is something really special about performing in an intimate setting as one's self. I began performing in jazz clubs in NYC in 2004 and found that I absolutely loved it. It's a vulnerable position to be in... standing alone on stage sharing your personal stories and favourite music. But it is highly gratifying.

What do you have planned for the concert? Any special surprises?

I am not going to tell you my set list... You must attend the concert to know the music. But, yes, there will be some surprises.

I saw you in Scott Alan's "Just Me... and Them" concert last year, how did it feel to be making your London debut? And how do you feel London audiences compare to Broadway audiences?

I was extremely nervous coming to perform in London, but I had the buffer of Scott Alan. I know how much he is loved over there. And that helped to settle my nerves. I found a very warm welcome when I stepped onstage and I can only hope that happens this time around.

I never expect any particular response from any audience whether it be a regional, Broadway or a London crowd. You have to earn an audience's appreciation, respect and response. I

plan on "earning it" on the Feb. 28th.

This is your second trip to London, what do you enjoy most about London and if you ever get to just be a tourist, where are your favourite places to go?

The last time around, I did have some time to be a tourist. I did a little Christmas shopping in Notting Hill. I saw the National Theatre's production of "War Horse"... incredible! And I was able to spend time with some dear friends. This trip I will be taking a day to give a master class at MTA. Then there will be rehearsals with the band and guest vocalists (Annalene Beechey, Oliver Tompsett and, just recently onboard, Hadley Fraser... sensational artists in their own right. I am so lucky and grateful to be able to share this experience with them). And then, of course, the two concerts on Sunday. So I won't be able to play in London as much as I would have liked. But, I'm sure I'll enjoy a pint or two.

The beauty and the struggle of recording, though, lies in the process.

Would you like to appear on the West End?

YES! I would love to appear in a show on the West End. However, I am a wife and a mother (to a 4 lb. puppy). So I can't just pack my bags and commit to a West End contract. Beyond the joy of theatre there is life. My family and life will always be my first priority. As the character Fanny Brice says in *Funny Girl*, "You can't take an audience home with you."

Would you like to do more album based work and who would be your dream duet?

I would love to do more recording. The beauty and the struggle of recording, though, lies in the process. With this place I knew, I was not only the artist but also the executive producer. I made sure every decision fell to me. It was exhausting but a true labor of love. So, that is the question I now ask myself. Do I have the energy, finances and inspiration to produce another album? It would really have to be a theme and line-up of songs that filled me with great passion. I am always thinking of what's next. As far as my "dream duet", I have many. I would love to sing with Ms. Streisand. To share a song with James Taylor would be the ultimate. His voice, his vibe, his musicianship;

it would be heaven. And of course, I always love singing with my husband, Sebastian Arcelus.

You've starred in shows alongside the likes of Hugh Jackman and Alison Janney, do you ever get star-struck? And who would you get star-struck if you met them?

I was not star struck with Hugh or Alison because they were so laid back, welcoming and excited to get to work. Don't get me wrong, I always felt blessed and extremely lucky to work alongside them. But you don't want your co-star to think they are going to be working with... a fan rather than a peer. They are actors. They love what they do. And they are counting on their fellow cast members to do their best work in order to create with them. If I was to become stage-struck, it would be in the presence of Barbara Streisand, Julie Andrews, and Carol Burnett.

You've worked with some of the best songwriters in the business, whose work have you enjoyed performing and is there anyone you would love to work with?

Well, I can't answer who's music I've enjoyed most. Every song evokes a different emotion, a different story and you just can't rank them in an order. That's the genius of art. It's not black and white, 1-2-3, right or wrong. I do have several composers I would still love to work with. Stephen Sondheim tops my list, as well as John Kander. I adore the music of Adam Guettel and would find it a glorious challenge to sing one of his scores. I guess that's the goal... to be inspired and challenged. These 3 composers certainly do that for me.

As the original Elphaba in the Wicked workshops, how do you feel about the show's impact on the theatre world?

I am sooo proud to have been a part of WICKED's initial workshops, the original company, the first Nat'l tour and the Broadway company. I've shared an 8 year relationship with Wicked and I am truly honored. I knew from the moment I read the first script that it would be a remarkable piece of theatre. The music was magical. The script was powerful and clever. And the creative team/production team had an amazing pedigree. It all added up to equal great success. I will forever have a deep connection to the role of Elphaba.

What would your dream role be?

Fanny Brice in *Funny Girl*.

What has been the most rewarding



Snuggling up to Culture

Lucy Harrold Arts Editor

It's halfway through February and I'm still bloody frozen. Yes, I may be from the Home Counties and a bit soft but sub zero temperatures just aren't right unless it is snowing and you don't have to go to college. Many a day I have been tempted to skip the exercise of using of my microscooter and to hop on the bus. Although this is not so tempting now that Albert Bridge is closed and everyone living South of London uses my road as some sort of Central London bypass. So whilst it's so bitter, Saturdays are now concerned with working my way through a vast DVD collection and getting better acquainted with my duvet. As the eponymous musicals fan I like to get hold of filmed productions- the rarer the better. So far I've enjoyed a production of Sondheim's Company where the actors played the instruments, Boy George's musical Taboo and Sunday in the Park with George, again by Sondheim, star-

ring Mandy Patinkin and Bernadette Peters.

If musicals aren't your bag, never fear! There is still plenty of culture that can be enjoyed from the warmth of a bed. Try catching a classic play like *A Streetcar Named Desire* or *The Crucible* on DVD, or indulge in some Shakespeare and a cup of hot chocolate. For the art lovers among you, many galleries have online collections that you can peruse at your leisure, plus enhanced features that make you feel less guilty for not venturing out in the cold.

But there is one thing that you have to venture out for, Artsfest. This is the big celebration of everything artistic and cultural at Imperial.

Taking place next week, each day will be filled with concerts, performances, workshops and exhibition with the main event, the Artsfest Showcase on Thursday in the Great Hall. I think I'm performing in that, better go check...



Stephanie J. Block in Concert is playing at the New Players Theatre on Sunday 28th February at 6pm and 8.30pm.

part you've played and why?

Every role brings great reward and great heartache. As an artist, one invests so much time, love, tears, hard work in creating a role. You truly fall in love with the character you been bringing to "life". I have learned so much from each experience that it all has lead me to be the performer I am today. That's the reward... that you learn from each character, each challenge, each success and each flop.

Can you give us any clues about what

you're up to next?

They are a few irons in the fire but until a contract is signed, it doesn't exist.

SimG Productions are offering student tickets for £20, just phone 0207 478 0135 and quote "student offer"

For more information, visit www.SimGProductions.com

Jerusalem- Perfection in the Westend?

Caz Knight goes to see the Royal Court's transfer of Jerusalem, a quick witted satire of morris dancing and binge drinking

The Royal Court Theatre production of Jerusalem is named after William Blake's iconic poem of the same name. A favourite hymn to many, Jerusalem reveres the majesty of bucolic England – a countryside so beautiful that Christ must surely have been born here. It is with a sense of irony then that Jez Butterworth's play begins with the morning-after-the-night-before carnage at Johnny 'Rooster' Byron's trailer in the woods of Flintock, Wiltshire. Rudely awoken by the local council on St George's day issuing an eviction notice in lieu of a decision to build the new estate in Rooster wood, Johnny stumbles out, limping, and fixes his inevitable hangover with a milk, raw egg and vodka concoction. This spinner of

yarns is a modern day Pied Piper, father and drug dealer rolled into one, as his home of twenty years is local party destination for underage revelers and old friends alike. St George's day heralds the beginning of the annual Flintock village fair and presents a chance for Johnny and his motley crew to do what Brits do best and go mental.

The play is quick-witted, uproarious and bears all the hallmarks of modern British culture: binge drinking, underage sex, Morris dancing, cups of tea, bacon rolls and village fetes. The post-party destruction in the first scene is all too familiar to students and signals the squalid and debauched lifestyle which Johnny has become famed for – a sharp contrast to the idyllic forest setting, the real trees used on stage and the various live animals that make an

appearance throughout the performance, including the chickens which live under the Rooster's trailer.

Jerusalem treats us to some brilliantly bizarre scenes which see Johnny recounting the tale of his encounter with a one hundred foot giant, a professor donning a Pope's hat on acid and the very awkward conversation between the Rooster and his ex- about taking his little boy Marky to the fair as the ex- snorts coke and the boy is out of sight in the trailer. The three acts are punctuated by bursts of song from Phaedra, the fifteen-year-old runaway, whose stepfather beats Johnny up in an incredibly intense and moving scene in which he is assaulted to the sound of Joni Mitchell-esque music.

Mark Rylance gives a superbly entertaining performance as the pathetic anti-hero, Johnny Byron, evoking all the pity that such a mess of a character rightly deserves, without any of the self-indulgent monologues as he did as Hamm in the recent West End production of Beckett's Endgame. Mackenzie Crook does what he does best, making comedy out of the weedy, nerdy roles he is landed with, as wannabe DJ, Ginger, while the rest of the cast make up a perfect crew of West Country wasters.

Jerusalem is such an excellent and hilarious social satire that it would not be surprising if it were made into a television comedy sometime in the future: it would definitely have a lot of viewers.



A very strange fancy dress party. Look, Mackenzie Crook has come as Adam!



The superbly entertaining Mark Rylance as Johnny "Rooster" Byron

War, Genocide and Human Rights- Sozaboy

Edoardo Borgomeo looks at Sozaboy by Ken Saro-Wiwa, its tragic themes and even more tragic backstory

This is not what you would call a normal book review, but that's just because Sozaboy is not a normal book. It is not one of those novels that after you have finished reading you'll put back on the shelf. No, when you will be done reading Sozaboy you will give it to everyone you know. This happened to me because Sozaboy is a book that makes you perceive injustice and when you perceive injustice, especially when you are young, you want to make other people aware and want to do something.

Sozaboy is a book about war and the dumbness of war as seen by a young Nigerian boy. The historical context in which Sozaboy is set is the Nigerian Civil War. But Sozaboy is not a book on a particular war because it expresses the despair and sorrows that characterize every war. The message carried by Sozaboy extends beyond a particular time and setting. Sozaboy is a young recruit in the Nigerian Army who initially believes that the folly all around him has a meaning, only to later discover the contrary. The power of the novel lies in the language used by Ken Saro-Wiwa to express Sozaboy's perception of the world. In fact this novel is written in "rotten English", a mixture of "Nigerian pidgin English, broken English and Idiomatic English".

This language adaptation results in an extraordinary realism and a very effective communication, which fascinates the reader straight away.

Ken Saro Wiwa, was hanged on November 10, 1995 by Nigerian Authorities, with the formal accusation of inciting riots and separatism. The informal reason is that he had been annoying. He claimed that the Multinational Corporations prospecting for oil in the Niger Delta had to share the profits. He accused the oil industry of damaging the environment. He revealed the paradox that somehow the more resources a country has the poorer it is. He denounced the genocide of the Ogoni people. He wrote Sozaboy. And he was killed.

One year after the execution Human Right activists and Ken Saro-Wiwa's family brought lawsuits against Royal Dutch Shell, accusing the company of being involved in Ken Saro-Wiwa's death. In 2009 Shell opted for a settlement out of court with the Saro-Wiwa family.

Although Shell justified the decision by saying that they wanted to "move on", some people thought that this proved that Shell had something to hide and that it had responsibilities in Ken Saro-Wiwa's death, but this is another story. This is not the place to discuss these lawsuits. And it is not

even the place to talk about Ken Saro-Wiwa's importance as a Human Right and Environmental Activist. This is the place to discuss Ken Saro-Wiwa's words, which were dangerous and annoying.

Ken Saro-Wiwa was afraid that his words might be forgotten. But writing, thinking and discussing his words and writings means that we know them and that we know that they are still dangerous if they continue to be known. His books are still a powerful and pacific weapon against any kind of injustice and power. A lesson to be learned from Ken Saro-Wiwa's life and words is that he didn't protest, did what he did, and wrote what he wrote on the basis of some abstract belief or absolute idea.

He didn't protest because he was an environmentalist or because he hated multinational corporations. He was an intellectual and he understood perfectly that the development of his people, the Ogoni people, could have been promoted by the wise use of his land's resources. But he protested because he perceived evident injustice in how these resources were managed.

Ken Saro-Wiwa's words are still important, and still dangerous for someone, but only if they are known, only if we remember the lives of true, real people like Ken Saro-Wiwa.



MUSIC

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Now you do what they told you?

Luke Turner Music Editor

What is power? According to Tony Montana, 'In this country, you gotta make the money first. Then when you get the money you get the power.' This seems pretty simple, but what defines power? The way I see things, there's an underestimated power in music. Not in the conventional way of being powerful, but in an indirect way that can feed on the subconscious of the mind and influence the actions of huge amounts of people. Speaking in terms of decades, a winter's morning of 1960 hailed Elvis Presley as number 1. The King of Rock and Roll, Presley stood for the rebels, the breakaways and the nonconformists. This alone is a nice fact, but he was shortly followed by The Beatles in '63 and their music of love and peace, later progressing to number 1's from the Rolling Stones and The Kinks, all of this music having themes in peace, love, against war and anger - everything the hippy movement stood for. Coincidence? Definitely not, but what influenced what?

This relationship of music and culture is true for many key points in history, music having influence over the end of wars and political decisions, the Woodstock Festival being one of the most famous cases of this. Going back to before records were around, tribes and cultures across the globe had numerous chants and songs for happen-

ings such as going to war. In some cases, the music was even taken into battle in the form of drummers. The intention of this music was to build up the anger, aggression and drive for the warriors to kill and defeat their enemy. To say this music had no influence on their minds is clearly not true.

Music is something that should be feared for its power over people, the power it deserves. Take punk music as an example: I may be slightly biased for my love of punk, but I'm no anarchist. A strange thing happens when I listen to The Sex Pistols or The Clash; I feel the energy of anarchy and the thoughts of punk music to fuck the system. The amount of passion put in when making a recording of this type, in a way, leaks out through the music and through osmosis can manifest itself in the listener.

If somebody has gone through the pain and love of making a song, whatever the genre, I think it deserves to be heard, which is why I listen to such a range of music. The gangsters on the streets relate to the music which completes them, which is why they may not understand their wrongdoings. I'm not saying that there should be restrictions on music in any way, because for me that would be a crime, but I am saying that it's an underestimated force. Music has the power to inspire people. Inspire people to love, to hate, to save or even to kill; so, know that you're listening to a powerful force and be sure you don't always do what they tell you.



What gorgeous teeth

10

Was how old Stevie Wonder was when he wrote his first song, of many to come.

22

The number of Grammy awards Stevie Wonder has won throughout his career... And still counting.

1950

The year Stevie Wonder went blind. Also being the year he was born.

10

Number of instruments that Stevie Wonder has played on various recordings.

The Wonder of Wonder in Numbers

Stevie Wonder to headline Glastonbury! You don't need sight to know that you're at Glastonbury, the sense of smell will suffice

The man, the wonder, Stevie Wonder is still alive and kicking, so much so that he's taken the headline spot at this year's Glastonbury Festival. I have to feel sorry for Stevie when I think about him headlining Glastonbury. I know it's hard to feel sorry for anyone who's successful enough to play in front of 150,000 people, but he won't be seeing any of them yet smelling all of them. Then again, it's an honour.

Stevie Wonder went blind just after birth in 1950 and has gone on to become the iconic sound of soul and funk across the world, winning countless awards including the Gershwin Lifetime Achievement Award and the highest number of Grammy awards for a solo artist.

Not only is he such a musical phenomenon, he is also currently an

activist for civil rights and in 2009 was named UN Messenger of Peace. Barack Obama is quoted about his musical heroes, "If I had one it would have to be Stevie Wonder. When I was just at the point where you start getting involved in music, Stevie Wonder had that run. Those are as brilliant a set of five albums as we've ever seen".

So Stevie will take front and centre this June on the Pyramid Stage, with U2 and Muse being the other two headline acts. It's set to blow your mind.

If there's anybody for a young musician to look up to, it would have to be Stevie Wonder. His courage and drive to carry on with his blindness, his songs that stand for everything good and just the fact that everything he touches not only turns to gold, makes you feel so damn good.

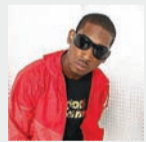
-Luke Turner

ELLIE GOULDING
STARRY EYED
POLYDOR
SINGLE



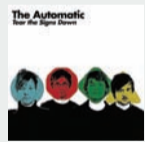
Hype always gets backlash which I was hoping to be part of for Goulding, but her single turns out to be quite difficult to hate. It's basically a few minutes of lots of beats, beeps and some electronic shizz with some wonked-up vocals, but simple things please simple minds. -Lily Le

TINIE TEMPAH
PASS OUT
DL RECORDS
SINGLE



Highlights include the way he says "Bonjour", "Scunthorpe", the satisfyingly catchy hook and funny break down towards the end. Just a tad hard to relate to lyrically, although after listening, I totally want to quit uni and become a rapper. -Lily Le

THE AUTOMATIC
TEAR THE SIGNS DOWN
ARMOURED
ALBUM



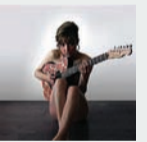
The Automatic are coming back for a second round and it was always going to be hard. This album is full of crunching guitars and merry vocals. It is as well-mixed as pancake batter on Pancake Day and has smart staccato riffs. It does however begin to sound all the same towards the end. -Luke Turner

LADY GAGA
TELEPHONE
INTERSCOPE
SINGLE



Yes, Gaga is back with her irritating habit of getting a song stuck in your head and this is no exception. With Beyonce featuring alongside her, Gaga tells us of her telephone and the calls she receives and makes, and we all can't wait to hear about them... Or not. Even so, it will stick with you. -Luke Turner

VIV ALBERTINE
EP
MANIMAL
VINYL.
EP



Viv Albertine used to be the guitarist for punk band The Slits. Which means that her songs sound really good (they're not punk btw, they're mellow and poppy) but the lyrics are just abysmal. If you're someone who doesn't listen to the lyrics of a song then you'll enjoy this. -Kadhim Shubber

THE PLASTISCINES
BITCH
NYLON
RECORDS
ALBUM



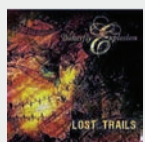
If you're pretty French girls with guitars, nobody gives a shit what you release, because everyone in the world wants to fuck you and you know it. So go ahead and tell us how much of a bitch you are and even patronise us by spelling it out. Nous vous aimons. -Lily Le

TIFFANY PAGE
WALK AWAY
SLOW
MERCURY
SINGLE



A twenty-something young girl, with a fender and the skills to rock out. This single is fun-loving light rock with raw guitar which has had the evil hand of overproduction cast upon it. Tiffany Page, I hope, will give us more gentle rock this year. -Luke Turner

THE BUTTERFLY EXPLOSION
LOST TRAILS
REVIVE
RECORDS
ALBUM



Butterfly Explosion are basically really slow indie rock, so either slow The Big Pink down a bit or speed up Snow Patrol and you've got The Butterfly Explosion. The album doesn't move very much, it sticks on the same not-very-interesting sound all the way -Kadhim Shubber

YOU ME AT SIX
HOLD ME
DOWN
VIRGIN
RECORDS
ALBUM



Raw sounds and an emo touch, You Me at Six are keeping it basic. Nothing out of the ordinary but these blasting guitar chords with limited riffs have got some serious power with some catchy vocals; I was surprisedly impressed. -Luke Turner








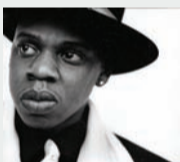




JASON DERULO
IN MY HEAD
WARNER BROS
SINGLE









Nothing good about this song. The sound is a rip-off of "Just Dance" by Lady Gaga, the lyrics are a rip-off of every RnB song since Usher's "You Make Me Wanna" and the video is a rip-off of Justin Timberlake's "Like I Love You". Summary: shit. -Kadhim Shubber




The Brit Awards have come and gone!

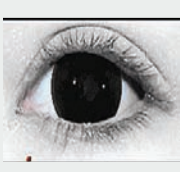




The artists of the day all met up together in Earls Court last Tuesday for a good old jamboree, to congratulate each other and make merry. **Luke Turner** knows they're all winners but are they really the worthy victors?

<p>British Female Solo Artist</p> <p><i>Lily Allen</i></p>  <p><i>felix says:</i> Deserved win and she's a beauty.</p>	<p>British Male Solo Artist</p> <p><i>Dizzie Rascal</i></p>  <p><i>felix says:</i> London bad-man, well who else? Win.</p>	<p>British Breakthrough Act</p> <p><i>JLS</i></p>  <p><i>felix says:</i> Break-through? I think not. Fail.</p>	<p>British Group</p> <p><i>Kasabian</i></p>  <p><i>felix says:</i> Finally some rock and roll. Win.</p>	<p>British Single</p> <p><i>'Beat Again' - JLS</i></p>  <p><i>felix says:</i> Again?!? Come on. Fail.</p>
<p>MasterCard British Album</p> <p><i>'Lungs' - Florence + T M</i></p>  <p><i>felix says:</i> Awesome album... Win!</p>	<p>Critics' Choice</p> <p><i>Ellie Goulding</i></p>  <p><i>felix says:</i> The critics are on the right track. Win.</p>	<p>BRITs Album of 30 Years</p> <p><i>'(What's The Story) Morning Glory?' - Oasis</i></p>  <p><i>felix says:</i> Album - amazing, Liam - arse! Win.</p>	<p>BRITs Hits of 30 years</p> <p><i>'Wannabe' - Spice Girls</i></p>  <p><i>felix says:</i> The image of the '90s. Win.</p>	<p>International Female Solo</p> <p><i>Lady Gaga</i></p>  <p><i>felix says:</i> Big star, big ego. Win... Kind of.</p>
<p>International Male Solo</p> <p><i>Jay-Z</i></p>  <p><i>felix says:</i> Win win win win win win!</p>	<p>International Album</p> <p><i>'The Fame' - Lady Gaga</i></p>  <p><i>felix says:</i> Of all the albums... I think not. Fail.</p>	<p>International Breakthrough</p> <p><i>Lady Gaga</i></p>  <p><i>felix says:</i> Yeah, she did it on her own at least. Win.</p>	<p>Outstanding Contribution</p> <p><i>Robbie Williams</i></p>  <p><i>felix says:</i> With the amount of records released it has to be win.</p>	

Remember the Grammy Awards... No? Well, this puzzle might jog your noggin. Work out the names by combining each picture consecutively and be reminded of the winners.

1.   =    = 

2.   =    = 

3.   =    = 

ANSWERS: 1. Kings of Leon. 2. Taylor Swift. 3. Black Eyed Peas. 4. Lady Gaga. 5. Eminem. 6. Jeff Beck.

Most listened to this week by Felix Music members on last.fm

1. Radiohead
2. Bloc Party
3. Florence + The Machine
4. Kings Of Leon
5. Yeah Yeah Yeahs
6. The XX
7. The Killers
8. Foo Fighters
9. Coldplay
10. Red Hot Chili Peppers

There is to be no further comment on Radiohead being number 1... However, Red Hot Chili Peppers have snuck in there. When we get them on the phone later and tell Anthony Kiedis he's number 10 in the *felix* charts, I tell you now he will be uncontrollably ecstatic!

-Luke Turner



An audience with the Dread Lord Seth

Vocalist Jonas Renkse (aka Lord Seth) and guitarist Anders Nyström formed the Swedish metal band Katatonia in the early 90s, and have been consolidating an ever-growing fan base since then. Starting out as doom metal, over recent years Katatonia have moved towards a form of "dark rock", retaining goth and metal tinges. Though Swedish goths may not have a reputation of being the most cheery bunch around town, Renkse was more than happy to answer my questions as Katatonia prepare for their upcoming European tour. - **Greg Power**

GP: So Jonas, how are the rehearsals for the new album going?

Jonas Renkse: Great, we're at home, practicing the new songs for the first time as a band since the album was recorded. We're excited about playing them live.

GP: Your latest release *Night is the New Day* is very different from the albums you made before.

JR: Yeah, it was a harder writing process this time, but we're happy with the result. We haven't written songs just by jamming as a band for 10 years, so it was a more rewarding experience.

GP: You're playing with new members live though?

JR: Well we recorded the album as a five-piece, but after it was done the second guitarist Fred and bass player Mattias left because they've got families now.

GP: No more rock n' roll excess?

JR: (laughs) No, they can't anymore. They'd been with us for a while too. The new guys are great though.

GP: How long's the tour going to be?

JR: It keeps growing, man. It's seven weeks for now, we're going all round the world. We're starting our European tour in March, then it's Scandinavia,

then we'll try to do as many summer festivals as we can. We'll end in the U.S.

GP: It's a new sound you've achieved with "*Night Is the New Day*". You've ditched screaming and are singing throughout.

JR: Well, I try to sing.

GP: How did that switch come about?

JR: I lost the technique because we weren't rehearsing enough, and growling is like anything: if you don't practice, you lose it.

GP: And Mikael Åkerfeldt (Opeth frontman) replaced you on vocals for a while, right?

JR: For a full-length album and an EP. He's a really good friend of ours, along with the rest of Opeth.

GP: Åkerfeldt called your new album one of "the greatest 'heavy' record[s]" he has heard in the last 10 years and "a masterpiece".

JR: (laughs) Yes it was cool hearing that.

GP: The album has gotten great reviews all round, so your switch to singing must have paid off.

JR: Definitely, we're thrilled that people like it. The band is taking a step forward. I think we found and created our



own spot in the metal world. When we started the band we couldn't even play instruments, it was just courage and hunger. But we're hungrier than ever to give more musically, even after 20 years.

GP: So new album and band members, is it a fresh start?

JR: It feels like it.

GP: Would you still call yourselves

"metal"? Or as your website describes it now, "dark rock"?

JR: Well the same core darkness is still there. We're metal fans to start with so our "style" is up to whoever's listening. "Dark rock" is PR, but I guess it's a good description.

GP: The decade's out. Any ideas for best album of decade?

JR: Porcupine Tree's *Fear of a Blank*

Planet was my favourite. Also, Tool's *10000 Days*. I've been listening to Tool since the 90s, they changed my songwriting.

GP: Did you listen to Puscifer, Maynard James Keenan's solo project?

JR: Well I tried to, but I just couldn't get into it.

GP: So they'll be no electro-comedy solo album from you then?

JR: (laughs) Not yet at least.

GP: Is it all metal, all the time for you?

JR: No, I listen to a lot of different styles. My favourite singer is Mark Kozelek, from Red House Painters and Sun Kil Moon. It's just acoustic guitar and soulful vocals, I love it. I also love Nick Drake, and lots of jazzy stuff.

GP: A solo jazz album maybe?

JR: I would definitely love to do one, but I'll probably try to incorporate that stuff into Katatonia's music.

GP: Last two questions. What's your poison?

JR: Well, I mostly just drink beer. But I guess if I have to choose, I'll go for White Russian.

GP: Like in the *Big Lebowski*.

JR: Exactly.

GP: And since this is for Imperial College, do you have a favourite Star Wars character?

JR: Aw man, you should be talking to Anders. He's a massive Star Wars nerd. But I'd have to say Darth Vader. The Dark Lord!

burnt out?

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<http://www.union.ic.ac.uk/halls/southwell/node/173>

The closing date is: **Friday 26th February 2010**

Sabbatical Elections 2010

**Bright candidates
required!**

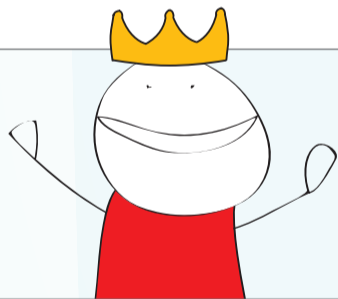
Stand for Election. Shape your Union.

What positions are available?

There's something for everyone. The Sabbatical positions are:

- Union President
- Deputy President (Clubs & Societies)
- Deputy President (Education)
- Deputy President (Finance & Services)
- Deputy President (Welfare)
- Felix Editor

We are also electing four Student Trustees, these are positions you can do whilst still studying. More information can be found on our elections website.



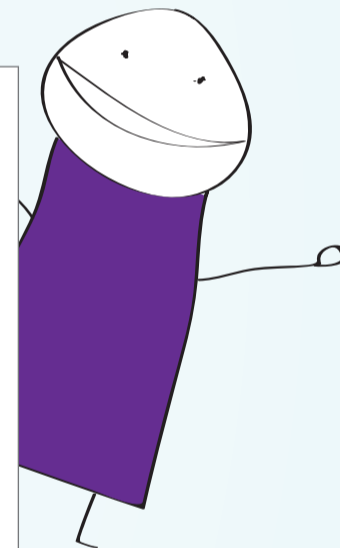
What are these Elections?

Every year elections are held to elect students to run the Union. They take a year out of their study or are at the end of their course. These students, called Sabbaticals, each have different roles looking after areas of the Union. Most importantly the Sabbaticals shape the Union ensuring it stays student focused and how you want it to be.

The Sabbaticals are supported by a team of full-time staff to help them achieve what they want from their year in charge. If you think you have what it takes to run a multi-million pound organisation then you should consider standing in the Sabbatical Elections 2010.

Who can stand?

Good question! Any full-member of the Union can stand for election. Remember that this is a full-time position and you will need to take a year off from your course if you are not in your final year. The contract is 13 months running from 1 July 2010 to 31 July 2011. International students are eligible to become a Sabbatical and the College will be able to inform the relevant authorities about the change to your Visa.



Why should I stand?

Being a Sabbatical is a fantastic and unique opportunity. Each role is an extremely important part of the Union. You will have the chance to shape and change the Union and what it does. These roles require you to demonstrate confident leadership abilities, to take the initiative and make big decisions, but they will give you the opportunity to develop your skill set and learn to deal with challenging situations.



How do I stand?

If you are interested the best thing to do is have a look at our elections website. This site contains lots of information about each of the roles and also our Elections timetable. The deadline for standing is 1 March. If you have any questions which are specific to a role then it's best to contact one of our current Sabbaticals, again their information is on the elections website. Any general questions can be sent to elections@imperial.ac.uk.

Nominations close 1 March.
imperialcollegeunion.org/elections

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The Seasons: Which One Is Your Favourite?

I don't have a favourite but I can't stand Summer. Why does sun have to be damn bright! IT BURNS!!!
 -Very Pale Computing Student

I absolutely love Winter. The snow is so pretty and it makes it so much easier to hide the bodies!
 -Third Year Medic

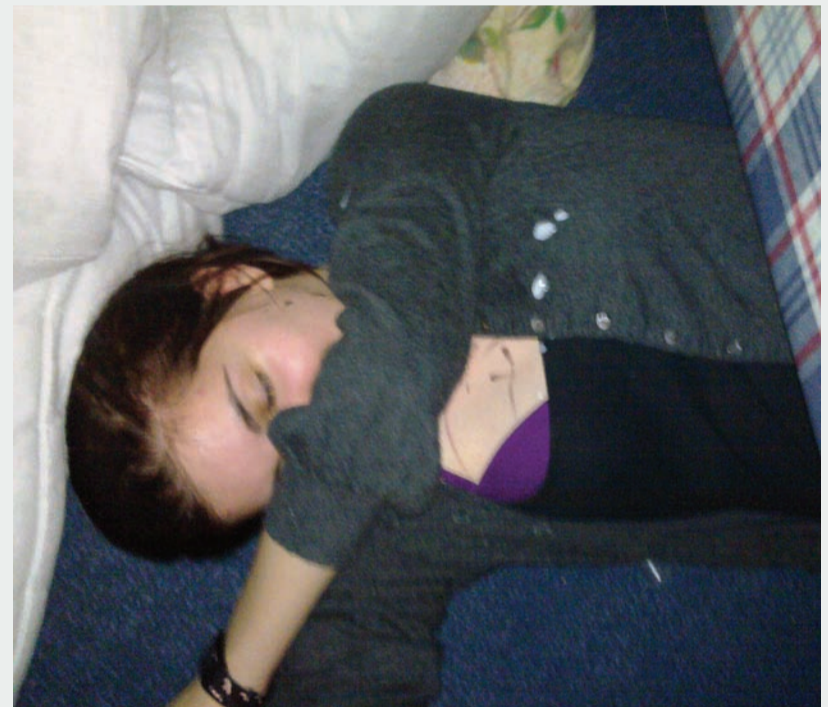
I like the one where it rains a lot. Which one is that again?
 -First Year

Drunken-Mate Photo Of The Week



No matter how bad your hair after a night out, you should always decline the "shampoo" your mates offer. Failing that, make sure to rinse out with orange juice.

Got a picture of your mate being an absolute waste of oxygen? Well, get your camera out and email your drunken mates to catnip.felix@imperial.ac.uk



Disclaimer: Catnip does not condone taking sexual advantage of well-lashed mates - unless it's really funny. Another disclaimer: That's actually hand-sanitiser.

Senders must have permission to use submitted photos and accept full responsibility for them

And Introducing, The Best Of "Overheard At Imperial"

Five year old girls are like simple arithmetic...best done in your head.
 -Mathematician

The odds are good, but the goods are odd.
 -On Imperial Boys

Girls at Imperial are like parking spaces...they're either taken or disabled.
 -On Imperial Girls

A: I just saw my first penis in real life! Oh my god, wow!
 An awkward silence...
 A: Wow, oh wow, oh wow, oh wow!
 B: What....er, haven't you seen them on

your ward rounds?
 A: No, no, no, no.
 B: So the first cock you ever touched, you stuck a tube down it? Fuck....I love your life!
 -22 Year Old Female Medic and friend on inserting her first catheter

Ok, ok, I promise I won't cum in your mouth again!
 -The end of an argument at the Union

A: Wow, that's really small!
 B: That's what she said.
 A: Who?
 -Guys in Aeronautics

Why is there a dash next to the coffee? Has it been differentiated?
 -In the SAF Cafe

Morning was ok. I woke up, took a piss, then got out of bed.
 -Someone in Labs

I'll do anything to go back to first year; I'll even kill a homeless person.
 -Frustrated Third Year

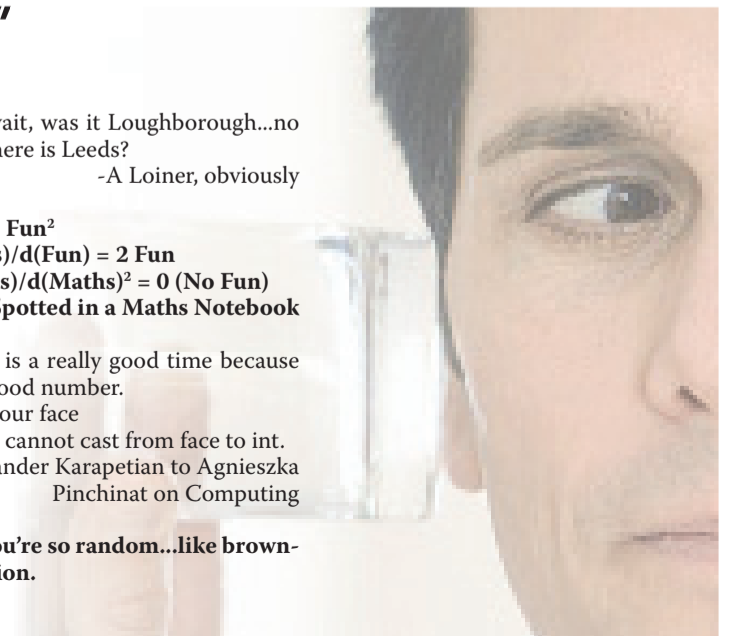
A: Have you ever even been to Leeds?
 B: No, not exactly but I've been past it.
 A: Oh really? Where did you go?
 B: Yeah, I went all the way to Nottingham.
 A: Cracking up

B: No, wait, was it Loughborough...no wait...where is Leeds?
 -A Loiner, obviously

Maths = Fun²
 $d(\text{Maths})/d(\text{Fun}) = 2 \text{ Fun}$
 $d^2(\text{Maths})/d(\text{Maths})^2 = 0 \text{ (No Fun)}$
 -Spotted in a Maths Notebook

A: 15:51 is a really good time because 151's a good number.
 B: Like your face
 A: Error, cannot cast from face to int.
 -Alexander Karapetian to Agnieszka Pinchinat on Computing

Wow, you're so random...like brownian motion.





Miyazaki reminds us how animation should be done

Ponyo

Director Hayao Miyazaki
Screenwriter Hayao Miyazaki
Cast Cate Blanchett, Noah Cyrus

John Park

Hayao Miyazaki is back in the director's seat after a couple of highly successful Studio Ghibli films (*Howl's Moving Castle* and *Spirited Away*). Despite the recent developments of computer animations and 3D technology, he sticks to making hand-drawn films and continues to amaze us by how detailed and stunningly beautiful their pictures can be.

Ponyo adapts the well-known story of *The Little Mermaid*. Ponyo is a cute and adorable half-fish, half-human princess who longs to live outside of her father's kingdom. One day, she manages to escape and is found by a 5-year-old boy, Sosuke. They form an instant friendship and as time goes by, their bond strengthens, which makes Ponyo's desire to turn into

a little girl grow even more. But we know that this fun, sweet and innocent relationship cannot last too long, since her father, the ruler of the underwater empire is, for some reason, very keen to get her back, unleashing strange but wonderful oceanic creatures to help with the process.

Though they sound childish and full of naive fantasy and fairytale ideas, one must never underestimate the extraordinary range of humour and subtle depth that Studio Ghibli films are capable of, keeping adults entertained throughout. This is largely because once again, Miyazaki ventures into his world of seemingly limitless imagination and turns *Ponyo* into something truly magical. Shifting the focus back and forth from the underwater kingdom to dry land, the film boasts the artistic talents of the crew with spell-binding locations. The endless creativity is reflected in the invention of numerous

Miyazaki Biography

Born in Tokyo, 1941, Hayao Miyazaki began a career in animation at Toei Douga studio. His major breakout was with the animated TV show *Conan, The Boy in the Future*. He soon became Japan's most eminent anime director and *Princess Mononoke* was Japan's highest grossing domestic film when it was released.



mystical creatures which all have intriguing parts to play.

The sequence of events moves at a hyperactive, chaotic pace, much resembling the driving style of Sosuke's mother, Lisa, who has absolutely no trouble driving through a gigantic storm – she doesn't even hesitate when there's no bridge to cross. Lisa is even so tough that when a tsunami hits the surrounding seas, she doesn't remember or care at all about her husband who's out there trying to survive on a wonky ship.

Several environmental issues are hinted at – Ponyo's father disapproves of how his sea is always being contaminated by humans, and Ponyo is almost

but Miyazaki never makes it become the major part of the plot and moves swiftly along. This was made as a family adventure film and he intends to stick to that idea.

The ending feels a little rushed, with a sudden introduction of a major character who completely changes the course of the film. But it doesn't stop it from being a delightful, feel-good finale. And don't forget to stay until the end to listen to the pleasantly chirpy song whilst the credits roll.

Although the film never feels as complex as Miyazaki's previous efforts, there's no denying that *Ponyo* is yet another triumphant animation achievement from the always reliable Studio Ghibli.

This is a must-see for everyone – a stunning, sweet animation treat that is guaranteed to please audiences of all ages.

The films of Miyazaki



Porco Rosso



Princess Mononoke

"Once again, Miyazaki ventures into his world of seemingly limitless imagination and turns *Ponyo* into something truly magical"

caught in a huge fishing net along with other poor fish and junk in the sea –



Birds Eye View Film Festival 4-12th March 2010

This is to be a historic year at the Oscars for women filmmakers. If Katherine Bigelow (*Hurt Locker*) is nominated, she will only be the 4th woman ever nominated for a directing Oscar - and maybe the first to win it. Here to celebrate is the 6th annual Birds Eye View Film Festival showcasing an extraordinary range of female-directed cinema from all across the globe and highlighting the contribution of iconic women on screen since the beginning of film. Website: www.birds-eye-view.co.uk

Venues

BFI Soutbank
ICA (The Mall)
Curzon Soho
Barbican
Ritzy Picturehouse

The Films



Whip it



Mall Girls



Map of the Sounds of Tokyo

The Blogger's Guide to the Oscars

The 82nd Academy Awards will be held on March 7 2010 at the Kodak Theatre in Hollywood but just what is all the hype about? Film editor Ed Knock presents a little guide to brush up on your Oscar knowledge.

Why are the Academy Awards called the Oscars?

No-one is really quite sure, one theory is that an Academy librarian named Margaret Herrick said the statuette resembled her uncle Oscar and the nickname stuck. The other theory is that Bette Davis named her statuette for her 1935 win after her husband Oscar Nelson.

The shortest Oscar acceptance speech is from Alfred Hitchcock for his honorary Oscar in 1967. The longest speech is by Olivia de Havilland who went on for seven minutes thanking a record 27 people.

Greatest Oscar Moments

Charlie Chaplin returning briefly to America to collect his emotional honorary Oscar. The native of Elephant & Castle had been hounded out of the USA during the McCarthy era and eventually settled in Switzerland.

Louise Fletcher signing her acceptance speech to her deaf parents for Oscar winning role in *One Flew Over The Cuckoo's Nest*

When a streaker interrupted the 1974 Oscars, host David Niven quickly remarked "Probably the only laugh that man will ever get in his life is by stripping off and showing his shortcomings". Legend.

The Big Winners

Only three films have managed to win the 'big five' Oscars - Direction, Leading Actor, Leading Actress, Supporting Actor, Supporting Actress and Best Picture. These are *It Happened One Night* (1), *One Flew Over the Cuckoo's Nest* (2) and *Silence of the Lambs* (3).

Three films also hold the record for the most Oscars won by a single film. They are *The Return of the King* (4), *Titanic* (5) and *Ben Hur* (not pictured)

The Godfather (6) caused a lot of controversy at the 1973 Academy Awards. Marlon Brando declined his Oscar by sending a Native American actress instead to explain his reasons, she turned out to be a fraud. Nina Rota's famous score was quickly removed from nominations after it was discovered the famous 'Love Theme' was taken from an earlier film.

Not shy from controversy as well was *Slumdog Millionaire* (7) which cleaned up at the 2009 Oscars with an incredible eight Oscars. However rumours of mistreatment of the film's slumdog child stars soon circulated.



The Big Losers

In all their infinite wisdom, the Academy quite often make mistakes. The following films were outrageously denied the Oscars they certainly deserved.

There Will be Blood (8) was a fantastic film though it sadly won only one of the nine Oscars it was nominated for. *Psycho* (9) didn't receive a single nomination even though it now recognised as one of Hitchcock's greatest achievements.

Taxi Driver (10) is an acquired taste. It's my favourite film of all time but it was a chilly day in Hell when *Rocky* took the Oscar for Best Picture and Director. It was a start of a run of bad luck for director Scorsese, he didn't get recognised for *Raging Bull* or *Goodfellas* either.

Yes, I had another rant against *Forrest Gump* last week, but it did take away the Oscars that rightfully belong to *The Shawshank Redemption* (11). Seven nominations and no wins, come on!

It's a toss up between *Miller's Crossing* (12) and *Fargo* for the most impressive Coen Brothers film. Indie cinema wasn't considered cool then and so the Academy unforgivably overlooked it - no nominations.

Like (11) *The Thin Red Line* (13) was nominated for seven Oscars. It was a strong field in 1999 but *Shakespeare in Love* was hardly worthy of Best Picture.

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Long Live the Queen – A Tribute to Lee McQueen

Calling McQueen a legend is definitely an understatement. **Kawai Wong** and **Renny Norman** recapped the life of the super talented fashion visionary Lee McQueen, who passed away on the 11th February, 2010.

The Design Hooligan – Theatrical Shows of Rebellious Clothes

Hailed as the hooligan of fashion, McQueen was rumoured to have sewn 'I am a c—t' into the lining of the jacket that was made for Prince Charles while he worked at Gieves & Hawkes. The reputation never subsided.

He let his imagination roam wild and the world has since seen stuffed wild animals, real howling wolves and wind tunnels on his runways. In many ways he has championed the fashion hall of fame by creating the most memorable fashion shows. Alexandra Shulman compared going to a McQueen show as 'the closest you can get to theatre while still being a fashion show.'

During his Givenchy days, he sent model Shalom Harlow in a white cotton dress, puffed with a petticoat, down the runway and spray-painted her using two car robots.

As he graduated into his own label, his shows ventured into a more controversial and extravagant territory. He moved a catwalk into a London swimming lido; projected his runway in writhing cockroaches; had rain poured down on models on the runway; turned a catwalk into a children's playground and recently a dumpster; replaced models with mannequins...

As his shows became more avant-garde, so did his clothes. McQueen said, "The show shouldn't overshadow the clothes and vice-versa." His designs

courted controversy from day one. His breakthrough show in 1996 – four years after his graduation – he presented his Bumster collection with low-rise jeans that exposed the derriere of models, creating a strange proportion and adding a new meaning to 'cleavage'. This collection took more than £1m worldwide. His clothes often juxtapose ideas governing how style is normally conceived. A skeleton as a stole on an asymmetrical dinner jacket. An antler headgear contradicted by an airy laced

"...he sprayed a model with car robots..."

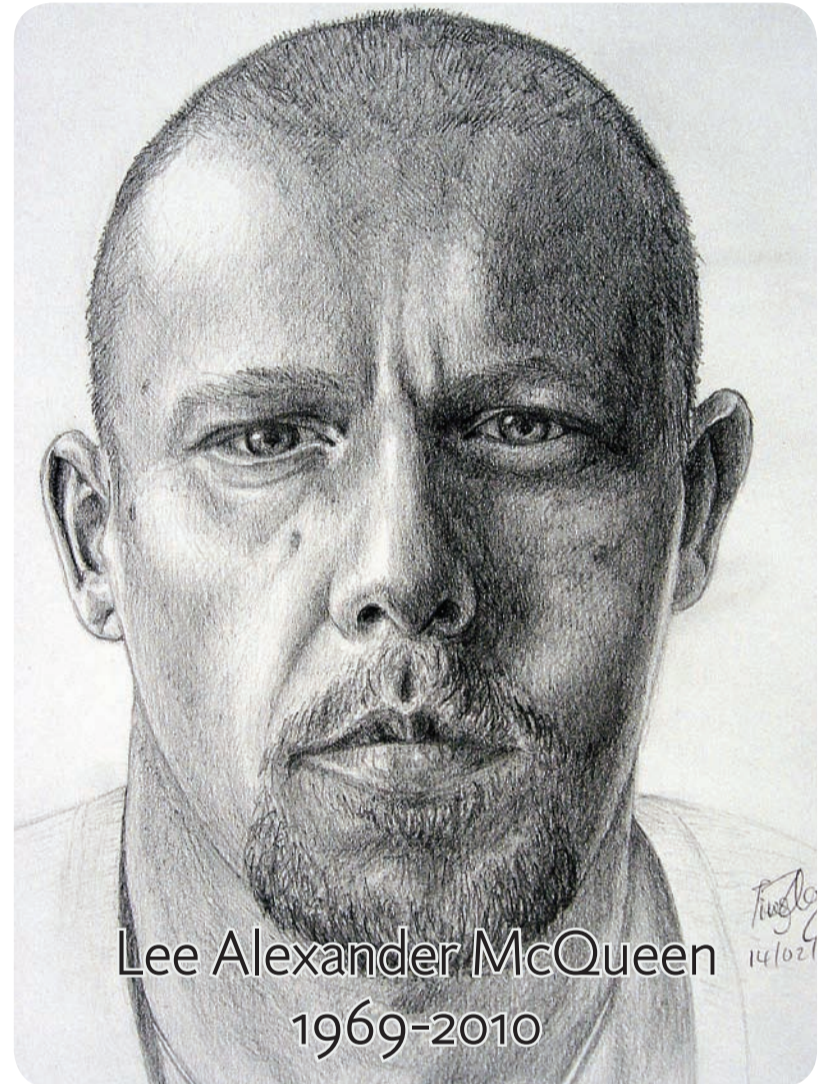
gown. Majestic Victorian inspired regal gowns accessorised with ethnic style... The list goes on.

McQueen presented his final womenswear collection in Paris, entitled Plato's Atlantis. He was inspired by the coral reefs he saw while he was scuba-diving in Barbados. Models strutted in 12-inches Armadillo shoes – the never-before seen shoe silhouette that resembled the body of an armadillo. McQueen told the Spring/Summer issue of *Love* that he doesn't spend money on advertisements in fashion maga-



zines. The cash flow is directed towards revolutionising fashion shows instead – which saw his last collection being live-streamed on Nick Knight's showstudio.com. Millions of visitors flocked to the site and overloaded it. 'At the end of the day, what people (critics) say doesn't matter anymore' as his customers can put a verdict on his clothes themselves.

His fans include Daphne Guinness, Cate Blanchett, Sarah Jessica Parker, Eva Green, Cheryl Cole and more...



L-R: Fans leave flowers and cards at the McQueen flagship store on Old Bond Street. A bouquet and a statement released by the company on the window display. A portrait that Tina Zhang, Imperial student, left at the McQueen store.

The Becoming of a Fashion Mega Star

McQueen left school at 16 with a single O-Level in art and immediately began an apprenticeship with a tailor on Savile Row. He then applied to work as a pattern cutter tutor at CSM in 1994. Due to the strength of his portfolio he was persuaded by a professor to enrol in an MA course and graduated in 1992.

His graduate collection was bought in its entirety for £5000 by the influential stylist Isabella Blow. The clothes were delivered to her in refuse sacks. She bought one thing a month from McQueen when his career first started and paid him £100 a week. The friendship forged between the two remained until Isabella took her own life in 2007, after having been diagnosed with ovarian cancer. The devastated designer dedicated his SSO8 collection to her.

4 years after his graduation in 1996, McQueen became the creative director at Givenchy, replacing John Galliano. He stayed at the job until 2001 when his contract ended, even though the job was 'constraining his creativity'.

McQueen created the eponymous brand after his departure from Givenchy. Isabella Blow convinced McQueen to use his middle name Alexander for the label. The Gucci Group acquired 51% of the company in 2000. The greater degree of financial freedom allowed McQueen to become one of the greatest fashion designers of his generation.

McQueen also took the "British Designer of the Year" title from Galliano in 1996, becoming the youngest designer to have done so. He went on to win the award three more times until 2003. He was also awarded a CBE for contribution to fashion.

There is intense speculation regarding the label's future. Robert Polet, Gucci Group CEO released a statement: "The legacy he leaves us is a rich one, and one that we will cherish and honour."

McQueen said in his final interview: 'I want this to be a company that lives way beyond me... when I'm dead, hopefully this house will still be going.'

The East Londoner Who Conquered the Snobbish Fashion World

Lee Alexander McQueen grew up in East London, the son of a taxi driver and one of six children of a family that suffered many financial difficulties. McQueen often made dresses for his sisters.

He was openly gay and said that he "went straight from [his] mother's womb onto the gay parade", claiming to have realised at age six. He came out to his parents at age 18. He unofficially married his lover, George Forsyth in 2000 on a yacht in Ibiza with Kate Moss as his bridesmaid. The pair separated soon afterwards. In the aftermath of this he has been known to have had a relationship with a porn star nicknamed "Mr Stag" and an Australian who left him to return to Australia.

McQueen's close friend Isabella Blow has been following McQueen's career since before he graduated from Central St Martins. Failing to get a seat at his graduate collection show she went on to purchase his collection in full in order to show her admiration. It was

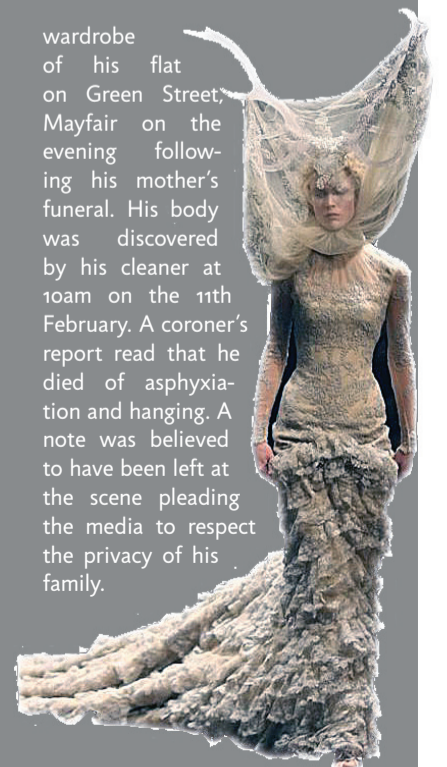
rumoured she went as far as to phone McQueen's parents to arrange a meeting between the two. McQueen's success could be in part attributed to Blow as she used her status as a famous stylist and a magazine editor to pull strings for McQueen when he first started out.

McQueen had retained close ties with his mother, Joyce, until her death 2 weeks ago. In 2004, Joyce interviewed McQueen for G2, a supplement of the Guardian newspaper. She asked him: 'What is your most terrifying fear?', to which he replied: 'Dying before you.' She said: 'Thank you, son.' McQueen's AW10 collection entitled Horn of Plenty was dedicated to her.

The death of his mother caused McQueen to spiral into depression, as his final tweets seem to reveal. Two days before his death on the 10th Feb he tweeted, 'Sunday evening been an F—g awful week but my friends have been great, but now I have to somehow pull myself together and finish with the...'

McQueen hanged himself in the

wardrobe of his flat on Green Street, Mayfair on the evening following his mother's funeral. His body was discovered by his cleaner at 10am on the 11th February. A coroner's report read that he died of asphyxiation and hanging. A note was believed to have been left at the scene pleading the media to respect the privacy of his family.





Chip-and-PIN yourself into a world of hurt

Simon Worthington looks at the so called 'secure' Chip-and-PIN verification system and how it might not be as safe as you think

The days of securely paying with plastic are over. It's high time we all went back to paying with paper money, or perhaps even doubloons. They're both probably safer than the current electronic system we have in the UK, the infamous 'Chip-and-PIN'. Last week, eminent security researcher Ross Anderson and his team published a paper identifying a huge security flaw in the system that governs all of our real-life credit and debit card transactions. The take home message of the paper was that our cards are not, and have never been, as secure as we all thought.

Before our current system, bank cards carried just the magnetic stripe that stored the account details of the card. Cashiers would swipe the card and ask for a signature from the customer, which would then be compared to one written on the back of the card. It meant the decision of whether or not the signatures matched was up to the cashier. This system worked pretty well for the customer, except for the fact it was pretty open to fraud from forging of signatures or card cloning of stolen cards on which new signatures could be written. Chip-and-PIN was devised as the security mechanism that took the discretion out of the hands of the cashier and made the whole system electronic. Cards now include a chip that authenticates the transaction using a PIN known only to the user, which is entered into a card terminal when paying. The idea was that this would make stolen cards worthless whilst also removing any liability from the cashiers and by extension their employers.

The whole authentication process is



actually quite complicated, with data and numbers being transferred up and down and all over the place, but the important part happens when you actually type in your PIN.

The PIN is punched into the terminal's keypad and sent to the card. The card then decides if the PIN is correct and sends the appropriate message back to the terminal. The security flaw arises due to the fact that this conversation between the card and the terminal keypad is not encrypted. A piece of electronics in the middle can intercept the PIN entered on the terminal and simply return a 'yes' message which looks as if it originated from the card, regardless of whether the PIN was correct or not. The card never even receives the PIN and eventually just assumes something went wrong and that the authentication was carried out successfully by some other method, like the good old signature check. Neither the card, the terminal or even the bank has enough information about the transaction to detect the subterfuge.

So where does this leave us consumers? Well, Chip-and-PIN was also designed as a system to help protect banks, shifting all of the liability for

unauthorised purchases onto the cardholder. If the system worked securely this arrangement would be fine and it probably is the consumer's fault if they let someone else know their PIN. Now this security hole has been unveiled it means that thieves have a means to use stolen cards and therefore the cardholder genuinely isn't to blame. Banks can and do hide behind the fact that purchases are supposedly 'verified by PIN'; with at least one court case using this as evidence of consumer negligence. This weakness brought to light by Anderson and his team, however, suggests that this might not always be the cause. Unfortunately for consumers, until this hole gets patched, which will take a very, very long time, or the justice system wakes up to the fact that Chip-and-PIN is broken, there is very little protection for card-wielding consumers.

What can you do to protect yourself? Very little, apart from vigilance at the terminal and ATM. Check the card slot for any foreign devices such as skimmers and make sure the terminal doesn't look like it's been tampered with before you stick your card in it. Watch those statements kids.

Return of the Windows Phone

Samuel Gibbs Technology Editor

This week has seen the annual Mobile World Congress take place in Barcelona. MWC is THE place where mobile device manufacturers come to show off their latest wares and where journalists flock to attempt to chart what we can all expect for the mobile year.

This year Microsoft stole the show with what can only be described as a mobile resurgence with Windows Phone 7. OK, so Windows Mobile/Phone 6 and 6.5 run quite a lot of phones out there, but it's been a dead duck for the last two years. With competition from Android, the iPhone, the ever-present RIM and Palm's webOS, it was about time Microsoft brought themselves into the modern smartphone game.

Windows Phone 7 series represents a serious paradigm shift from Microsoft. Not only is it based on Windows CE6, like the Zune HD, but they've completely rewritten their UI playbook. Gone is the reliance of a stylus to get things done, the humble finger reigns supreme, as it should. In fact, Windows Phone 7 is so drastically different from its predecessors and any other phone operating system out there at the moment, it's pretty hard to describe.

Microsoft calls its interface 'Metro' and it is essentially like a Zune interface blown up and extended. Drawing more from its Zune and Media Centre experience than Windows, Metro is heavily reliant on motion and typographic elements forged in a high contrast, minimalist UI. Gone is any degree of alpha shading, bevels or modern accents that Apple and co, insist on splashing everything with. That's not to say Microsoft's 'chromeless' design lacks polish, but it's a simplified plain interface that really suits the small screen.

The Start screen holds rows of tiles down the middle which are live and animated with ones that are used more often promoted to the top. The list of tiles can be infinitely long and scrolled down with a swipe.

Status updates and things like that can be pushed to the tile allowing you to see them at a glance of the animation.

Microsoft has also fleshed out the 'hub', something that will be familiar to Zune HD users. Hubs offer a middle ground between icons and a full blown application. A hub is an extension of the OS which can carry content in from both local or cloud sources, meaning photo galleries can be browsed right from a hub.

Think of them as a way to pull information into the OS without having to have a separate app running. Microsoft showed off a variety of hubs at MWC2010 including a People hub which pulls in contact information and status updates from social networks, contact databases such as Gmail's contacts and of course Exchange. The smart thing about the hub is that the first screen you see is a dynamically generated screen with the people you contact most right in front of you and a section for 'Me' which allows you to update your status across multiple networks. Other hubs featured included Games with Xbox Live support, the Marketplace, aka App Store, Music and Video for all your media, Pictures, Office and the usual calendar, messages, email, phone, Bing Maps and Search, and of course IE mobile.

An impressive turn around for Microsoft indeed, but how it actually performs in the hand remains to be seen. I for one am excited to see Microsoft back in the game, it's been a while.

Weekly Wrap-up: A quick guide to the best of the rest you might have missed

Samuel Gibbs Technology Editor

Another week, another tech story and there's plenty of them to choose from this week, so let's get cracking, OK?

First up for your gadget gorging pleasure is the world's first 4G netbook. The Samsung N150 packs your usual netbook fare, nothing really to shake a stick at apart from the LTE modem (that's Long-TermEvolution for those keeping track). Boasting potential speeds of 100Mbps

down/50Mbps up, real world tests showed Sammy managing roughly 28Mbps which, to be fair, is faster than my home broadband. A lot to get excited about then.

Perhaps even more remarkable than superfast mobile broadband was the 'super' AMOLED display Samsung had in its first Bada (don't ask) phone the Wave. Although the phone itself is a bit snooze-tastic the screen really did prove to be super, showing bright, vivid and fully saturated colour in bright sunshine, something ordinary AMOLED screens just can't manage. With all the benefits of OLED screens, emitting their own light, thus saving power and giving

amazing vibrancy plus outdoors readability, I really hope Samsung and others stick this amazing display in something a bit more exciting!

More phone news from MWC in Barcelona this week from a rather unlikely partnership, Puma and Sagem. The Chav-Phone, err, I mean the Puma Phone, features a capacitive touchscreen, 3.2MP camera with LED flash, GPS, a compass and a pedometer for sporty types. What makes this little beggar a little different from the rest is the solar cell it's packing on its back for on-



the-go green charging. Impressive little guy, but I for one couldn't seriously consider buying something phone-like with Puma branded across it. Look for it throughout Europe this April.

RIM finally joined the modern world this week with a Web-Kit-based browser for Blackberry. Finally Blackberry addicts will have a fast, efficient mobile browser that doesn't suck. Will this make you buy a Blackberry? Probably not, but it will make accessing the web a much less tiresome affair. Hats off RIM, that didn't take long;

only 3 years or so.

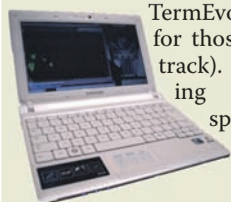
Wired was in the news again this week with more iPad related talk. This time it had a fully rendered demo of its digital magazine format which it hopes to launch on the iPad come March. Interestingly, the digital magazine Wired created was wrapped up in Adobe Air meaning it should be a quick port to the iPhone/iPad, if Apple approves it, of course. The big question is, will punters pay for something they can normally get free online? Perhaps not, but only time will tell.

The ISS this week got its new window, Cupola, bolted onto the Tranquillity module. As you can see, courtesy of

Gizmodo, it presents pretty impressive views of Earth and even looks like a Tie Fighter to boot. Awesome.

Bad news for Adobe this week as a recent report indicates malicious

PDF documents made up 80% of all computer exploits in 2009. It seems Adobe Reader has become the new mass-market target for malware. Doesn't bode well for students and researchers where the PDF journal article reigns supreme.



FRIDAY 26th at dB's

ARTSfest

AFTERPARTY

8pm MusicTech Chillout

9pm Livejam by BIG BAND

11pm Indie Disco



name our new bar & nightclub

We have short-listed your suggestions down to:

Nightclub

Iris
Lab
Metric
Neighbourhood
Theory

Bar

Consort
Crown & Shield
Library
Quad

**Poll ends at midday
Thursday 25 February**

Vote online for your favourites at imperialcollegeunion.org/phase3

22 - 26 FEBRUARY 2010

ARTSfest

Monday

1230 **Philosophical Discussion** Clore Theatre, Huxley
1900 **Jazz & Rock Night** dB's

Tuesday

1200 **Sinfonietta - Lunchtime Concert** College Main Entrance
1800 **Blyth Art Gallery Opening** Sheffield Level 5

Wednesday

1300 **Windband - Lunchtime Concert** College Main Entrance
1330 **Classical Guitar - Lunchtime Concert** College Main Entrance
1400 **DramSoc - Workshops** dB's
1400 **Bellydancing - Workshops** Union Dining Hall
1530 **The Tectonics - Workshops** Union Dining Hall
2000 **Barn Dance** Union Concert Hall

Thursday

1930 **ArtsFest Showcase** Tickets £5 Great Hall

Friday

1300 **ICSE - Lunchtime Concert** College Main Entrance
1330 **Musical Theatre - Lunchtime Concert** College Main Entrance
2000 **LiveJam & MusicTech Night** dB's

...PLUS BUSKING AROUND CAMPUS ALL WEEK

icartsfest.com

imperial
college
union

10,000 miles for £10,000



<http://www.justgiving.com/10kfor10k>
to donate!



- France-Spain (Pamplona) 880 miles
- Spain-Andorra (via Barcelona) 580 miles
- Andorra-Italy 580 miles
- Italy-San Marino (via Rome) 750 miles
- San Marino-Croatia 350 miles
- Croatia-Montenegro (Podgorica) 605 miles
- Montenegro-Macedonia 280 miles
- Macedonia-Greece (Athens) 690 miles
- Turkey-Bulgaria-680 miles
- Bulgaria-Romania (Bucharest) 600 miles
- Bucaresti-Budapest - 620 miles
- Budapest-Bratislava - 150 miles
- Bratislava-Warsaw - 480 miles
- Warsaw-Berlin - 410 miles
- Berlin-Amsterdam - 350 miles
- Amsterdam-Paris - 350 miles
- + Unintentional off-route mileage) = 10,000 miles

Whilst most Imperial students will be doing internships or idly wasting away their summer at home, Luke Johnston will be soaring across several countries on two wheels.

He will join up with his two friends Matthew Gibson and David Cook to complete a 10,000 mile bike-ride anti-clockwise around Europe. During this adventure they will enter 16 countries across the continent. Their hope is to raise £10,000, and they've aptly named their journey the 10k for 10k Challenge.

The 5-month adventure will start in March when David and Matthew set off from the French channel. However, as matters in life dictate Matthew and Luke will have to split the 10,000 miles between them whilst David completes the round-trip entirely. Luke will take up the last 5,000 miles starting from Greece's capital, Athens.

A 2nd year Chemical Engineer, Luke is eager to get going as soon as Imperial will let him. He says: "As soon as exams are over, I'm preparing to leave for Athens. I've got three days after my last exam."

Asking him what his drive was behind this epic task, it was clear that alongside raising money for three chosen charities, there's a desire to travel and see different places.

"It's a personal challenge. I haven't seen many places and when David asked me to come along for the ride, I couldn't really turn it down. Loads of my friends are doing the whole Ibiza thing, which they've been asking me to come along for, but obviously this is going to be a lot better."

He's clearly excited about his decision. When probed about what he's most looking forward to, his answers are very specific.

"There's a sense of adventure, obviously, as we camp every night by the side of the road in the middle of nowhere. Also, the route is planned out but we're going to have SatNavs with us. There's still going to be those quick decisions we're going to have to make. I think that'll be exciting."

Luke also speaks of the dangers of his voyage across Europe comically. "Yeh, I'm also scared of meeting any murderers and then defending myself when I can't speak the language."

Talking about his riding partners, Luke's also taking his relationship with them lightly.

"Dave's a man of few words. He's a simple man, and I'm going to be alone with him for 2 months. Though, we all have the same amount of passion for this as this bike ride will be as much of a physiological challenge as physiological one."

The £10,000 they hope to raise will go to three charities. Luke explained their reasoning.

"We all feel very passionate about what these charities do and so we felt that by doing this bike ride we could help them raise money by using the skills we have. Geoff and Julie Henson live locally to us who run the Jukado district development fund. I have a lot of respect for these people as now that they've retired, they commit a large part of their lives to trying to help the Gambians build a health clinic which is vital to the health care of the local people in that area."

We also personally believe that the performance of Paralympians was inspirational. However with the current situation, it is a lot easier for an Olympian to achieve their dreams than it is for a Paralympian as the amount of funds aren't out there (i.e. less sponsorship deals and media coverage).

Finally we've decided to raise funds for Brake as well. Dave, Mathew and I have had close friends of ours die in car crashes who were only in the year above us in school. Things like that can often be avoided quite easily and Brake does try to reduce these incidents occurring by methods that we feel are effective. We would like to try to reduce these incidents occurring and this is the way we feel we can contribute."

David and Luke expect to arrive back on August the 18th, leaving Luke another six weeks before he returns to Imperial. He certainly won't have wasted his summer.



ICSM Drama take on The Scottish Play

For the first week of March, the Union Concert Hall will be transformed into mediaeval Scotland as ICSM Drama put on their production of Macbeth, by the immortal bard, William Shakespeare.

For those of you who can't tell your Hamlet from your Henry V, Macbeth is the bloody tale of a man, as he strives to become, and remain, the King of Scotland. Teased and tricked by the eerie, otherworldly witches and goaded on by his devious wife, Macbeth yields to his dark ambitions to become the king. Once on the throne, he ruthlessly sees off real and imagined threats to his royal claim. But the murder and betrayal take their toll as both Mac-

"Stars, hide your fires. Let not light see my black and dark desires."

beth and Lady Macbeth are plagued by ghosts and inner demons.

Macbeth is the third major production for ICSM Drama this year. Hopes are high that it will follow on from the successes of the Freshers' Plays and Arsenal and Old Lace in the Autumn term, while at the same time moving away from comedy to more serious drama.

Shakespeare has a long history at Imperial but this has been largely due to productions by IC Dramsoc, their



Plenty of fake blood to be bought by the ICSM Drama society

last being Much Ado About Nothing last summer. In the past, ICSM Drama have tended to shy away from the bard's work. Some members have quailed at the thought of putting on Shakespeare and more importantly, doing it justice, while others have shunned it in favour of more contemporary works.

Taking a bold step then into the director's shoes are Paul Fairhurst and Se-yi Hong. Turning a centuries old text into a living, breathing play is no easy task but as they say, a burden shared is a burden halved. Some might

argue that having two directors can only hurt a play as no one artistic vision can come to the fore. However, that is definitely not the case here as each director plays to their respective strengths. Paul Fairhurst is firmly in charge of the dramatic side of things, coaching the actors on their stresses and guiding them through the unfamiliar language, while Se-yi Hong masterminds the choreography of the production. Between them, they make sure that everyone can talk the talk and walk the walk.

'The result is a coruscating production; faithful and accessible to all.'

Together, they have laboured to present this seventeenth century piece in a new way for a new audience. Within the play, there are themes of androgyny and confusion which the

directors choose to highlight with some surprises in the casting. The parts of the witches are to be played by male actors while the murderers have been cast as women. They have also decided to go back to basics in terms of wardrobe and scenery. Rather than get swept away by elaborate backdrops and meticulously accurate costumes, the play will be performed on a largely bare stage, as so not to distract from the power of the bard's blank verse.

This is not simply a cheap attempt at lowering production costs but seeks to highlight and underscore the emotive themes of the play. The result is a coruscating production not to be missed. It promises to be accessible to all; a faithful adaptation for those well-versed in Shakespeare, while not being over-familiar, but also an exciting and novel production for those previously turned off by fussy, dusty English teachers, and those that have never been turned on at all. You don't have to look too hard to see the diversity of those involved. ICSM Drama regulars rub shoulders in the cast list with the freshest of freshers, some of whom only cut their acting teeth in the year's earlier productions. But despite the differences in age and experience, the cast are dedicated to the production and the hard work they, and everyone in backstage and tech, have all put in since January, and will continue to put in until late into the night of Friday 5th March. So next week, why not come along? You might think that you had put Shakespeare behind you with GCSE English but a tale filled with murder, betrayal and naked ambition will never go out of style.

Amnesty Imperial make sense of the tragic situation in Darfur

Though conflict in Sudan has been ongoing since its independence from Britain in 1956, it wasn't until violence escalated in Sudan's region of Darfur that it started to receive worldwide coverage. Human rights organisations such as Amnesty International started to raise awareness of the conflict, publishing reports and demanding UN intervention for the region. Colin Powell, when he was secretary of state in the US, called the conflict in Darfur genocide, though Amnesty International prefers to avoid such terms - there is no doubt that massive human rights atrocities were occurring.

'One of the worst conflicts began in 2003 when the government tried to quash uprising in the region of Darfur.'

Sudan is a country composed of many different ethnic groups, with the north being mainly dominated by Muslim Arabs and the South being dominated with black Africans. There have been two civil wars since Sudan gained independence from Britain, the last one ended in 2005 with the deaths of 2 million people. The war started off as a conflict between North and South though as time went on and the Arabian National Congress Party took power in 1989 for the southern Sudanese, it became a war over resources and the freedom to be allowed to follow their individual religious beliefs.

One of the worst conflicts began in 2003 when the government tried to squash an uprising in the region of Darfur. It armed and supported a group of Arab militias called the Janjaweed to target rebel villages. As a result, at least thirty thousand people were killed, thousands of villages were destroyed, people were raped and tens of thousands were displaced. To bring an end to the many conflicts, in 2005 the Comprehensive Peace Agreement (CPA) was made between the different groups giving the South semi-autonomy for six years and drawing up the framework to resolve many of the

causes of the conflicts.

This framework was to be put in place by 2011 and included support for the division of oil revenues and a National Land Commission to negotiate the division of land between different groups. However as yet violence continues in Darfur and most of the framework to be put in place as part of the CPA has been delayed.

It can be difficult to fully appreciate the situation in Sudan when newspapers and news programs only every few weeks briefly mention that a few more villages have been burnt and a few more people have been killed. Often it can seem that it is just another part of the "African problem", one of those problems which since it isn't going to go away anytime soon is best ignored. However in less than a year from now, a solution to this problem may be in grasp. As arranged in the Comprehensive Peace Agreement, the referendum which will allow Southern Sudanese people to decide for themselves whether they wish to stay as part of Sudan is going ahead.

In the last few weeks, thousands of activists have been gathering around the world to mark the five year anniversary of the Comprehensive Peace

Agreement (CPA) and to call for urgent steps to be taken to secure peace in Sudan including:

- Increasing the UN peace keeping force (UNMIS) in Sudan to reinforce the protection of civilians and so that its personnel can be deployed

'The society will be marching around campus as part of the Sudan365 campaign.'

swiftly to areas of conflict.

- Increasing the amount of diplomatic support to the Northern and Southern Sudanese parties so that they can resolve the issues of wealth sharing, borders, and security
- Provide intensive support for the legislation for the referendum which is taking place next year, and increase international monitoring of human right violations occurring in Sudan in the run up to the referendum.

Amnesty Imperial has been doing its own campaigning to raise awareness on the situation in Sudan. Two weeks ago, one of our members gave a talk highlighting the genocide in Darfur and the next event planned is going to highlight the conflict in Sudan all around campus.

The society will be marching around campus as part of the Sudan365 campaign, organised by a group of people which are encouraging people everywhere to drum for Sudan and submit a video. Sudan365 was formed on the 10th of January 2010: 365 days before Southern Sudanese people will be given a referendum.

Since many famous drummers such as Stewart Copeland of The Police and Nick Mason of Pink Floyd are involved in the campaign, the group decided that drumming for peace would be its tagline.

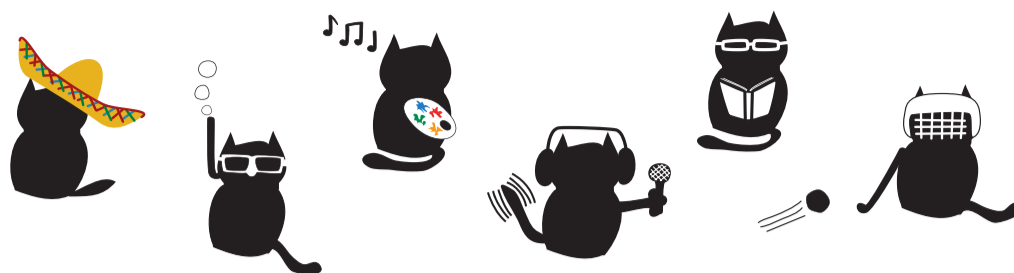
It is hoped that by raising awareness more pressure will be put on governments to unite and give support to the referendum, which will hopefully bring an end to the conflict and peace for Sudan. Hopefully the campaign by Imperial Amnesty will heighten awareness around campus lending more support for Sudan in this crucial time period.

What's on...

Clubs & Societies Calendar

Editors – Lily Topham & Rachel D'oliveiro

whatson.felix@imperial.ac.uk



Sat 20th Feb

MusicTech present: HOUSE 4 HAITI
 – 8pm-2am, dB's, Union
 – £1 entry for all
 – Fundraiser night with House music all night!
 For more info, go to tinyurl.com/house4haiti.



Mon 22nd Feb

Artsfest 2010!
 – Philosophical Discussion
 – 12:30pm, Clore LT, Huxley
 – Free for all
 – The first event of this year's Artsfest - Imperial's biggest festival of music, art and theatre, with free events all week!
 – For more info www.icartsfest.com.

Imperial Medsin present: Access Denied
 – 6:30pm, LT G16, SAF
 – Free for all with free food from Pret!
 – Come to find out more about The Medsin Entitlement Campaign and how to get involved.

Artsfest Jazz & Rock Night
 – 7pm, dB's
 – Free

Tues 23rd Feb

Artsfest Lunchtime Concert
 – Featuring Sinfonietta
 – Free!
 – Midday, College Main Entrance

Artsfest Blyth Gallery Art Exhibition Opening
 – 6pm, Sherfield Level 5
 – Free!

Krishna Consciousness Society – Kirtan Yoga
 – 6pm, EEE Rm 408
 – An interactive workshop 'Liberate the Mind', all free with veggie meal included!

Wed 24th Feb

Artsfest Lunchtime Concert
 – Featuring Windband and Classical Guitar
 – 1pm, College Main Entrance

Artsfest Drama Workshops
 – Hosted by the Dramatic Society
 – 2pm, dB's

Artsfest Workshops
 – Bellydancing: 2pm, Union Dining Hall
 – The Techtonics, 3:30pm, UDH

Artsfest Barn Dance!
 – Often the best night of the week!
 – 8pm, Union Concert Hall
 – Free for all!

To Do....

Send in your events!!
whatson.felix@imperial.ac.uk
 (Club name & event, time, place, price, pics...) **by end of Tues 23rd Feb.**

Thurs 25th Feb

Consultancy Society
 – Mercer Company Presentation
 – 6pm, 340 Huxley
 – Business Case Study on graduate and internship opportunities with a chance to network.
 – Free with light refreshments provided.

LawSoc: Criminal Law & Advocacy Workshop
 – 6.30pm, Huxley 140
 – Free for all
 – A taster workshop on criminal law and the advocacy skills required led by a College of Law tutor.

Artsfest Showcase
 – 7:30pm, Great Hall
 – Entry £5
 – A showcase of the cream of the artistic talent at Imperial!

Fri 26th Feb

PhySoc Guest Lecture
 – Tom Whyntie (NESTA FameLab 2009 winner): "WRONG"
 – Midday, LT1 Blakett
 – For more details: rcsu.org.uk/physoc

Artsfest Lunchtime Concert
 – Featuring ICSE, MTSoc
 – 1pm, College Main Entrance

Malaysian Night 2010
 – 7-10:30pm, Great Hall, Sherfield
 – £10 (students)
 – 'Born to be Vile!' A play integrated with amazing dances and musical performances completely put together by our own Malaysian Society's members!
 – For more info: www.icmnite.com

Artsfest LiveJam and MusicTech Night
 – 8pm, dB's, Union Building

Sat 27th Feb

Night Hike 2010
 – 7:30pm-7am, Redhill, Surrey
 – £5 per person (buy tickets online)
 – The Recreational Clubs Committee presents the annual team event for walkers, runners and orienteers. Open to everyone, as much or as little activity as you want, visit as many checkpoints as possible and free breakfast at the end of it!
 – More info: rccl@ic.ac.uk

Malaysian Night 2010
 – 7-10:30pm, Great Hall, Sherfield
 – £10 (students)
 – For more info: www.icmnite.com

COFFEE BREAK

Coffee Break Editor Charlie Murdoch
coffee.felix@imperial.ac.uk



My week in many words

Charlie Murdoch Coffee Break Editor

Another week, and another insightful trip into the world of Charlie. Some of the brighter individuals amongst you may have by now realised that I use this space to quietly rant about the world and its inhabitants. You would be correct, so if you don't like it I'll get Kanye West to come over there and give you a Taylor Swift style beat down, whatever the f*ck that is. Sounds like some sort of pre-1930s Jazz movement. Ask Joe "King" Oliver for further information if you are concerned. Tell him I sent you.

Unfortunately I've been too busy to have time to reach the levels of anger you used to. I ran the Hyde Park Relays, and like any self-respecting drinker would, I ran ludicrously slowly and almost vomited at the end. However the upside of all that pain is that all the cross country girls are, as my good friend Ben Hanson esq. would put it, 'bang tidy'. No, I don't know either. However I think he is pointing towards the fact that all cross country girls appear to be rather pretty. This would be the case. So if any of you are looking to chase a few girls whilst remaining

within the law, then go find those university level Paula Radcliffs. Best take a bucket as she'll probably try to shit on you. If anyone else attended the HPR, you could really see the correlation between times and size of person. At the front, pushing out the 15 minute runs you have the skinny tossers who you really think should know better. The runners get slower and fatter, until you see a 120 kilo heavyweight boxer, complete with Converse shoes, looking like he has just wandered in by mistake.

What really is beginning to piss me off to levels that are far beyond human comprehension (excluding Carol Vorderman, because she is just fantastic) is the state of the bloody Fulham Road. Seriously what the f*ck is going on there? To my knowledge they have been digging up that road, without break, for about three years now. Previous to coming to university I didn't know that there could be that much pipe in the world. Apparently, I'm told there is. Secondly, if the road it dug up, and all the pipes are taken out for replacement, what happens to the water in them? It doesn't bear thinking about. I ramble.

FUCWIT League Table

Teams:	
Harry Potter Trio	182 Points
The Tough Brets	136 Points
The Cool Kids and Fergal	33 Points
Individuals:	
Matthew Colvin	125 Points
Sheryl	106 Points
Kelvin Wong	59 Points

The Felix University/College-Wide Invitational Tournament League is new and improved, with an iPod nano for both the team and the individual with the most points at the end of the year.

5 points for the 1st correct answers for all puzzles on these pages, 4 points for 2nd, 3 points for 3rd, 2 points for 4th and 1 point for 5th.

Now then FUCWITs, answers to sudoku.felix@imperial.ac.uk. Go!

Slithergram 1,454

How to play:

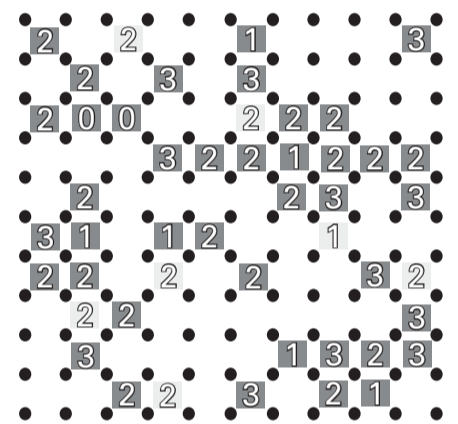
Insert these numbers into the grid to on the next page, from left to right and top to bottom, in the unshaded cells (left by solving the 'Nonogram'). Then proceed as normal for a 'Slitherlink'. It's quite simple, all numbered cells must be surrounded with a corresponding number of edges. There may only be one continuous line. Any cells without a number can have any number of edges.

2	1	2	2	1	3	3
2	3	2	3	3	3	2
2	3	2	1	2	2	3
0	2	0	2	1	2	2
3	2	2	2	2	2	1
2	2	2	3	2	2	1
3	1	3	2	3	3	3

Here's the solution to last issue's Nonolink without the lines of the Slithergram - have fun. Points still available.

Puzzle Captain

Solutions 1453



Quote of the Week

Yanni: "I don't dwell in the past; I don't wallow in old events and emotions. I don't waste time on regret. No use going over and over the details of what already happened."

Wordoku 1,454

INTERMEDIATE

	U	I				C	E	
T								J
	J	B				K	T	
			J	B				
I	C		K	U		B	T	
			I	C				
	I	E				T	Z	
Z								K
	B	K				I	C	

EVIL

	Q		F		U		E	
M				L				F
	L		E		Q		A	
		F		I		M		
Q								L
	M		U		L		F	
E	4						M	U
		L		Q		F		

Solution 1453

N	A	E	T	F	I	O	R	C
I	C	F	E	O	R	T	N	A
O	R	T	C	A	N	F	E	I
T	E	I	A	R	F	C	O	N
A	N	C	O	E	T	I	F	R
F	O	R	N	I	C	A	T	E
E	F	O	I	N	A	R	C	T
C	I	N	R	T	O	E	A	F
R	T	A	F	C	E	N	I	O

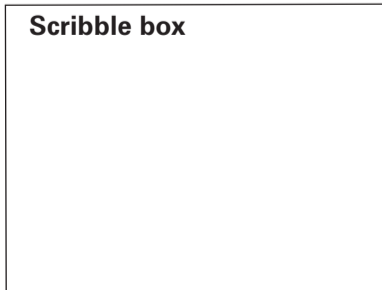
I	N	E	R	P	A	D	H	L
A	L	D	N	H	E	I	P	R
R	P	H	L	I	D	A	E	N
N	E	I	D	L	R	P	A	H
P	D	L	H	A	I	R	N	E
H	R	A	E	N	P	L	I	D
E	H	P	A	D	L	N	R	I
L	A	R	I	E	N	H	D	P
D	I	N	P	R	H	E	L	A

How to play:

Wordoku is identical to Sudoku; we've just replaced numbers with letters. Complete the puzzle and then send the whole grid to sudoku.felix@imperial.ac.uk. You will not get credit for just the word alone. It's not an anagram.

Evil Wordoku is exactly the same... only harder... and there's a letter missing... that MAY be a duplicate - just solve it like normal and insert the letter that you believe makes the word. And worth double.

Scribble box



Well done to **Kelvin Wong** who won the Intermediate and **Harry Potter Trio** who won the double points Evil edition. Well done and all that jazz. Remember to send those solutions in as prompt as possible.

Wordpath 1,454

ORIGIN:

EAST

DESTINATION:

WEST

Solution 1453

NINE
LINE (LS)
LIFE via *LIFELINE*
FILE (An)
FIVE (LS)

How to play:

Make a path from the origin word to the destination word by taking steps between words using one of the three following methods:

Letter Substitution: Substitute just one letter.

e.g. WORD -> WARD

Anagram: Rearrange the letters.

e.g. WARD -> DRAW

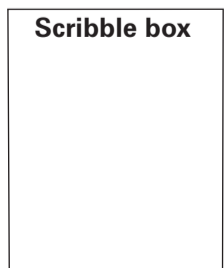
Wordslide: Replace the current word with a new 4 letter word from any 5+ letter word that contains them both.

e.g. DRAW -> WING (via DRAWING)

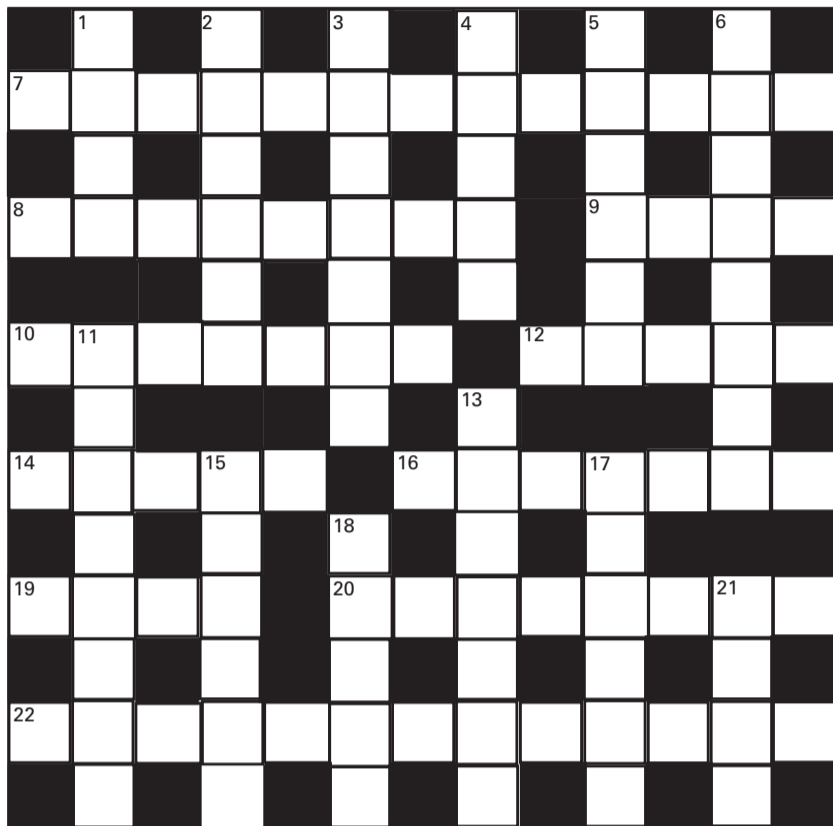
No consecutive steps may be made by the same method.
e.g. WORD -> WARD (by LS) -> WARE (by LS) would be **invalid**.

Points are awarded for the earliest SHORTEST valid path between the two words. Dubious words will be checked against the OED. Send your solutions to sudoku.felix@imperial.ac.uk.

Scribble box



A quickie (crossword) 1,454



ACROSS

- 7 Rhymer's freedom - iconic steeple (anag.) (6,7)
 8 Persistently nags (3-5)
 9 Verve (4)
 10 Oaty biscuit - brown-noses (7)
 12 Dice game - curls one out (5)
 14 Ready to begin banging/be banged (2,3)
 16 Illegitimate child - complete fucker (7)
 19 Ctrl + Z (4)
 20 Tramps (8)
 22 The most manly type of love (13)
- turning it ____ again?" (3,3,2)
 13 Haggis-like midlands dish (7)
 15 10¹⁰⁰ (6)
 17 Hypnotic stupor - defunct 90s dance movement (6)
 18 Egg machine (5)
 21 Throw - onanise (4)

Solution 1453



If you turn back one page you may be able to see a cryptic crossword. This is worth double points. This isn't. But well done to last week's winner (and only entry) **The Tough Brets**.

Crossword by **Peter Logg**

DOWN

- 1 Revise hard (4)
 2 Melon-twisting Madchester anthem (2,4)
 3 N.W.A. member (drink chiller?)
 4 Not yet 'absolutely aresholed,' but getting there (5)
 5 East-end bloke (Dave Lloyd?) (6)
 6 Pugilist - rag-and-bone man (8)
 11 Intermittent - "Have you tried

Scribble box

It's cold and miserable and the Horoscopes offer hope

All you have to look forward to is more snow and no Christmas... Luckily, we can predict your future this week



Aquarius

This week, your girlfriend starts making her self look more attractive. Yes! All your friends comment on how

well you're doing with such a 'fit bird'. She goes to the union on Wednesday, Sports Night, gets with all of the Ladies Football team and then tells you 'It's over, I'm a lesbian'. Fail.



Pisces

You took a chlamydia test as part of sexual health awareness week. They said they'd text you your results in a couple of

weeks. Not to worry, just pee in a pot, right? Beeeeep beeeeep. 'Incoming message: You have AIDS.' You go out to Heaven and pick up some men to spread the love.



Aries

Your best friend asks you to go out for drinks with him, he's just broken up with his girlfriend of five years. He's

completely gutted. You feel sorry for him so offer some male bonding time and so go out for a few drinks. He tells you he's worried about a lump. Will you feel my balls? You grope them, there are six.



Taurus

You go home for reading week to see your parents and spend some time in the family home. When you get back,

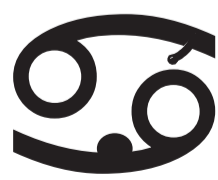
you find them in tears, 'Sorry son, we had to put the dog down'. Mum makes dinner... Mmm... Thai curry - nice one. 'What else could we do with Lassy?' - Mum.



Gemini

Your friend buys you a drink in the union. You immediately black out, and don't remember the next couple of days.

When you wake up from your small coma you go to the bathroom to take a wee. You find you have no penis. After screaming and crying you decide to cook something to eat. You find some meat in the fridge. Tasty.



Cancer

You do too much work in the library, and don't take your crazy pills. You start hallucinating that you have cancer, and

leukaemia, and aids, motor neurone disease, diabetes, glandular fever, shingles, malaria, sarcoidosis, amyloidosis, muscular dystrophy, klinefelter's syndrome, multiple sclerosis, tuberculosis and epilepsy. Hypochondriac.



Leo

You take a weekend break to Tenerife. The most classy guy there, works in a bar and has a Leeds United tattoo across his back. You

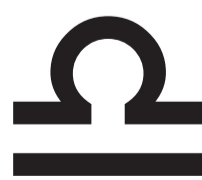
instantly fall in love, drop your knickers in the bar. He tells you to pull them back up; he wants to take you to the beach for sex under the moonlight. They find your body two days later. Sand in your lungs lets the police know you were buried alive.



Virgo

On an Imperial College sailing trip you get a bit lost. You keep trying to find your way back to the shore, and for some

reason the weather keeps getting warmer, even though your iPhone says it's snowing in the UK. Weeks later, nobody has sent out a search party. Luckily, some friendly Somalian pirates find you. Nice :)



Libra

Waitrose turned you down for a part-time job. Instead you decide to join an online escort agency. You're first client contacts you

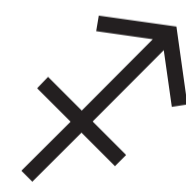
and gives you the address of a house in Mile End. This worries you slightly, but the agency is 'respectable'. You knock on the door. A woman answers. 'YOU SLAAAAAG!' Kitchen knife through the heart. Ouch.



Scorpio

You get drunk at a party and an old man convinces you to take some LSD. You think there are flies flowing under your skin and

that you fingers are little cocktail sausages. You cut them off and fry them with chips. You eat them for supper and feed the rest to your illegitimate love child.



Sagittarius

So you've heard of this M-Cat shite. You have some friends who reassure you that the biochemistry of it will agree with your body,

and everything will be fine. You wake up the next morning and your body is blue. You're 3m tall and don't understand English. You can run really fast and are really strong. The 'Welcome to Pandora' sign scares the shit out of you.



Capricorn

This Valentines day you go speed dating in the hope that your loneliness will be put to an end and you'll finally find love at Imperial.

You're not that bad, right? You arrive early and drink too much free champagne. You wake up in the morning, naked and handcuffed to the bedpost. 'Kinky?' 'Yes' said the gorilla lying next to you. Pint?

Hangman

hangman.felix@imperial.ac.uk

THE ESSENTIAL REVIEW - PAVEMENTS

That's right, forget film, music, science, travel, politics, business, news and sports. This is a f*cking pavement!

As a human being, it is likely that you have walked (or wheeled) our many pavements. And as an Imperial student, it is even more important that you are equipped with the latest up-to-date pavement knowledge. You don't want to be caught loitering on some Telford gravel, when you could be meandering around on a Tar Macadam. This is an article to keep in your bedside drawer next to your problem sheets and dust-

A QUICK HISTORY OF PAVEMENTS

The earliest pavements date back to Ancient Greece, where slabs of dried peat were suspended on sticks, allowing the senators to commute to work from their leafy Athenian suburbs. The concept was to walk on the underside of the peat and avoid the pestering homeless plebians, camping outside early Ancient Greek cash points.

Despite early successes, the pavements proved to be inefficient, owing to the overwhelming effects of gravity, which was yet to be discovered.

It wasn't until 1687 when Newton famously dropped his child off a bridge and observed the lack of his return that gravity was discovered and pavement technology leapt forward in advances.

In 1845, Tony Pave took the lead in revolutionising the paedestrinisation of the British capital and introduced the first 'pavement' outside Buckingham Palace, allowing Queen Victoria to walk to Marks and Spencers without being run over by a horse and cart.

However, Jeffery sidewalk, an American civil engineer, accused Tony Pave of stealing his invention and took him to court. The ten year-long feud resulted in fourteen civilian casualties and the assassination of US president Lincoln. Eventually the case was settled and 'pavement' became the accepted British terminology whilst 'sidewalk'



The Great Pavewalk Feud of 1845, here pictured Tony Pave (Left) arguing with Jeffery Sidewalk (right)

was universally accepted as 'the retarded equivalent' in America.

WHAT EXACTLY IS A PAVEMENT?

A bit of road but like on the side and for people and it's higher up.

HANGMAN'S PAVEMENT REVIEW

We took a team of experts around the UK and scoured the roadsides with a fine toothcomb. We reviewed every single pavement for its structural integrity, walkability and pavementiness. We dedicate this review to our head of research, Professor Ivan Gvontmakher Heine, who sadly lost his life to a badly laid 1851 Victorian Woburn Cobble. We subsequently had to take extreme protective measures for the rest of the trip and had a sniper team watching us at all times. We have chosen the best and the worst pavements in the UK.



Dorset Polyconcretis
★☆☆☆☆

One of our researchers was physically sick at the sight of this concrete monstrosity. The glossy surface is the mark of funding cuts by the local council. With the lowest walkability index allowed by regulation, this really was the most unenjoyable stroll in the UK.



Vintage Kentish Blue
★★★★★

This may look like rubble, but is in actual fact the artwork of the 1960's Swedish NewWave pavement designer, Oskar Brauner. Hangman loves this relic of the Sixties, embodying the carefree attitude of the era. Potholes and cracks are an artistic interpretation of human nature. Vintage Kentish Blue is now protected by the British Heritage Committee and is revered across the globe as the greatest pavement to ever grace the feet of mankind.

ance seal coating. It was so good that there were riots in all of the worlds' major cities due to the lack of global supply, leading to the 1980's recession.

Earlier this year, Hangman was fortunate enough to get exclusive tickets to the National Pavement Expo in Nashville, Tennessee. Here we managed to interview the leading authorities on pavements, and got their thoughts on the future for the roadside. Bob Krebs, Head Chief of Asphalt Innovations, spoke to us about how 2010 will be an exciting year for roads:

Hangman: Hey there Bobby, we hear 2010 will be an exciting year for roads, is this true?

Bob: Yes.

Hangman: Excellent, thanks for your time Bobkins.

We also spoke to a leading official in the field of Concrete Forensics who reassured us that the British singer, Adele, has been drastically misinformed about tectonic pavement shifts. "Pavements move a maximum of 20 cm a year. The general public do not have to worry about 'chasing pavements'. The notion is absurd"

CONTROVERSY

In 1986, the Pavement Maintenance and Management magazine (Issue 1) reported on a revolutionary product that was to take the world by storm. It was called the Tarmax R-100, and was used to provide ultra-high perform-



TWATTER

SUPERACEGORTHEROAR87

OMG! Can't believe i didn't get nominated 4 Brit award.

SexyOsama69

Me and Obie won awards for best video and newcomers act

SUPERACEGORTHEROAR87

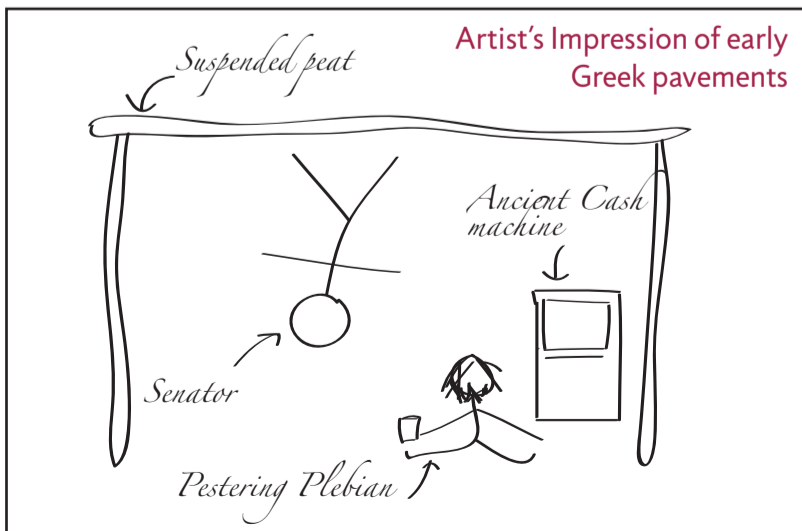
WTF? 4 the song 'killin them sexy ladies' wher u take women hostage and brutally behead them?

Barack_attack_l33thaxor

Dey weren't women. Dey wer sexy ladies lol. But it wasn't dat song. It was our acoustic cover of Mylie Cyrus

SexyOsama69

Yer man. awesum nite. I was fucked off ma tits on Ket. Obiee cocksapped Noel Gallagher and I fink I got wiv Lady Gaga and Paolo nutini



'Clover Power' can't help IC Snooker at Midlands Cup

Sam Dennis Snooker

The first weekend of February saw the first snooker tournament of the year; the Midlands Universities Snooker Championship. The two ICU Snooker teams met a little after 7 am for the train to the gloriously dull town of Coventry. Saturday offered a mixed bag of results: In the Individual Championship, Imperial's number one and first team captain, Sam Dennis, found himself in a London derby against LSE's top player, Aqeel Qadri. After losing the first frame convincingly, Sam, with the help of a 44 break, was able to come back and win 2-1 with a round of applause from the spectators.

Moving through to the next round, he faced York 1's Matt Robson, whom he beat two years ago en route to the final. This year, however, saw the luck of the balls running completely in favour of his opponent; this, teamed with a poor miss on a vital pink in the deciding frame, saw Sam prematurely crashing out of the event.

Imperial's Hari Arora also made it through his first match, beating Manchester 1's Nick Clayton 2-0 before losing to Mike Walsh of York 1, runner-up in last year's BUCS Snooker Championships, by the same score. The other members of our first team, Kwan Ng, Duc Tien and Lawrence Wild, failed to progress beyond their first matches, choosing instead to "focus their attention on the team event".

Our second team had more success in the Individual Trophy with three of



Deep concentration needed by Imperial to sink the red.

the five players making it through to the quarter-finals. These were newbies to the team, Amish Patel and Nigel Rozario, along with club veteran Lewis Guan. Grace Yip, renowned for her incredibly long matches, became the first ever female to win a match at the Midlands Cup, beating Cardiff 2's Noah Reynolds 2-1 before a 2-1 loss to York 3's John Fox. Second team captain Will Duncan, renowned for dressing as a pirate, lost in straight frames to Keiran Baxter of Cardiff 2.

Putting their disappointment in the

individual tournaments aside, the team events kicked off with the second team playing a 15-frame match against York 2 in the Team Trophy. Will opted to play last in the running order in the hope that the match would be won by the time he had to play, or as he stated, "to win the deciding frames if needed". Unfortunately, the team found themselves 8-4 down—all losing tight matches two frames to one—by the time Will got a game, so even with his 2-1 victory against George Hogg, the team lost 9-6.

In the Team Championship, our first team seemed to catch the unluckiness that Sam experienced in the individual event, and with two draws and three losses, we lost 8-2 in our opening ten-frame match against Cardiff 1. Slightly deflated, we moved to our second group match against Oxford 1. Once again, Lady Luck was unkind to us and despite a 2-0 victory against Joe Sturge for Sam, in which he achieved the second-highest break of the tournament with 45, the team lost 6-4.

Saturday night, we felt we needed a

little pick-me-up after our poor performances, so we waded into an all-you-can-eat Indian/Chinese/Thai buffet where we polished off a few jugs of Kingfisher and had a little too much fun with the ice cream factory and chocolate fountain. Morale restored!

Sunday began at breakfast with our slightly eccentric bed and breakfast owner. Hearing stories of our misfortune, he disappeared through to the kitchen to see if he could "find us some luck"! A few confused looks later, he reappeared holding a four-leaf clover.

In order to progress to the semi-finals, our first team had to win 7-3 against number two seeds York 1 and our second team just had to beat Warwick 2. Now armed with the clover, there was no way we could lose. It seemed to be working, with Nigel and Lewis winning their first frames. Amish was having less success, however with the rest of the team vigorously rubbing the clover, Amish's opponent then potted the cue ball on the final pink before hitting his head on the table light, both actions met with cheers of 'Clover Power!'

Although Will whitewashed former Imperial team player Joao Bento 3-0, unfortunately the second team went on to lose their match 9-6, and with the first team outplayed and losing 8-2 to York, both teams headed to the pub to drown their sorrows of their early exit from the competition. Now, all sights are set to next month when our two teams will head to Leeds hoping for better results and luck at the BUCS Snooker Championships.



FIXTURES & RESULTS



in association with Sports Partnership

Saturday 13th February

Basketball (ULU)
Men's 25 53 - 57 SOAS 15

Football (ULU)

Men's 15 5 - 1 Royal Holloway 15
Men's 25 1 - 6 King's College London 15
Men's 35 1 - 5 St George's Medical School 15

Men's 45 2 - 0 Imperial College Men's 55
Men's 65 2 - 3 Goldsmiths 25

Men's 75 3 - 0 Goldsmiths 35

Sunday 14th February

Badminton (ULU)
Mixed 15 7 - 2 UCL 15

Lacrosse (ULU)

Mixed 15 12 - 2 Royal Holloway 15

Rugby (ULU)

Gutteridge Cup
Men's 15 27 - 7 Royal Holloway 15

Monday 15th February

Netball (ULU)
Women's 15 40 - 22 King's College London 25

Squash (ULU)
Challenge Cup
Men's 15 5 - 0 LSE 15

Wednesday 17th February

Badminton
Men's 2nd 4 - 44 Queen Mary 1st

Basketball

Men's 1st 70 - 54 London South Bank University 2nd

Fencing

Men's 3rd 135 - 67 City University London 1st
Men's 2nd 135 - 67 University of Portsmouth 1st
BUCS Cup
Women's 1st 145 - 58 University of Exeter 1st

Football

Men's 2nd 3 - 4 Canterbury Christ Church Uni 4th

Hockey

Men's 2nd 2 - 3 Queen Mary 1st
Men's 3rd 2 - 2 Royal Holloway 2nd
Women's 1st 3 - 2 Brunel University 2nd
Women's 2nd 0 - 3 University of Sussex 2nd

Netball

Women's 1st 32 - 51 Middlesex University 1st
Women's 2nd 34 - 29 University of Portsmouth 6th

Rugby

Men's 1st 119 - 0 King's College London 1st
Women's 1st 21 - 14 Canterbury Christ Church Uni 1st

Squash

Men's 4th 1 - 2 University of Reading 2nd
BUCS Cup
Men's 2nd 2 - 3 University of Exeter 1st

Tennis

BUCS Cup
Men's 1st 3 - 6 LSE 1st

Saturday 20th February

Basketball (ULU)
Men's 25 vs LSE 25

Football (ULU)

Challenge Cup
Men's 15 vs RUMS 15

Sunday 21st February

Hockey (ULU)

Challenge Cup
Men's 15 vs King's College London 15
Women's 15 vs Royal Holloway 15
Reserve Cup
Men's 25 vs Imperial Medicals 25

Lacrosse (ULU)

Mixed's 15 vs St Bart's 1st

Rugby (ULU)

Women's 15 vs Royal Holloway 15

Volleyball

BUCS Cup
Men's 1st vs Oxford University 1st

Monday 22nd February

Hockey (ULU)
Men's 15 vs King's College London 15

Netball (ULU)

Women's 25 vs Royal Holloway 35
Women's 45 vs King's College London 45

Squash (ULU)

Men's 25 vs King's College London 15
Men's 35 vs King's College London 25
Men's 45 vs St George's Medical School 25
Men's 15 vs LSE 15
(League/Challenge Cup Double-Header)

Tuesday 23rd February

Netball (ULU)

Women's 35 vs RUMS 45
Women's 45 vs LSE 75

Wednesday 24th February

Badminton

BUCS Cup
Men's 2nd vs Royal Holloway 1st

Fencing

BUCS Cup
Men's 1st vs Durham University 1st
Men's 2nd University of Hertfordshire 1st

Football

Men's 1st vs University of Chichester 2nd
Men's 3rd vs Universities at Medway 2nd
ULU
Men's 55 vs Queen Mary 35
Men's 65 vs LSE 75
Men's 75 vs RUMS 45

Golf

BUCS Cup
Men's 1st vs Kingston University 1st

Hockey (ULU)

Men's 15 vs UCL 15
Men's 25 vs LSE 15
Men's 35 vs LSE 25
Men's 45 vs St Bart's 25
Men's 55 vs UCL 35
Men's 65 vs King's College Medicals
Women's 15 vs UCL 15

Netball

Women's 3rd vs Brunel University 6th

Rugby

Men's 3rd vs Royal Holloway 2nd
BUCS Cup
Men's 2nd vs University of Surrey 1st

Squash

BUCS Cup
Men's 1st vs Loughborough 1st

Table Tennis

BUCS Premier League Playoff
Men's 1st vs University of Southampton 1st

Volleyball

BUCS Cup
Women's 1st vs University of Leeds 1st

Charity fundraiser helps out HIV victims in Southern Africa



The assortment of 5 a-side teams at the inaugural Kick 4 Life Tournament

Continued from back page

into a sudden death penalty shoot-out. Fitz couldn't bare to step up again but Alex Rybka could and slotted home sending the Kings through after Mike Turrell's miss. In the first semi-final, the Kick 4 Life team comfortably saw off a depleted Southside Legends team and began to eye the title.

The second semi-final was much tighter with Ahmed's Mediterranean Magicians and the Wilson Kings battling it out. It was scrappy and there were few chances but the winner came out of nothing as Sam Rickards drove

a left foot shot into the corner to help eke out the victory. The stage was set for an epic final. The Kick 4 Life team coasted to the final, while the Kings had to fight their way through every stage. However the Wilson Kings made sure that the result was never in doubt, racing into a 4 goal lead by half time. Their slick passing game had reached its peak and no team could have lived with them.

There was a modicum of fight left in the Kick 4 Life team as they scraped back a couple of goals but the Kings were just too good, running out 5-2 winners and crowned the in-

augural Imperial College Kick 4 Life champions.

I would like to think the tournament was a success, mainly to all the help I received in organising. So I would like to thank all the players, in particular the Captains, who helped me out enormously, thanks to Sim Anandajeyarajah for helping out with the finances, the photographer Jon Gordon, Ed Lobb for his support, the staff at Ethos for generously donating playing time but mostly to the Co-Founder of Kick 4 Life, Steve Fleming, for helping me through the process and for running an amazing project.

Imperial Eagles' unbeaten run ended by Warwick

Stefan Bauer Handball

Imperial College Eagles	20
Warwick University	22

While the international competitions don't seem to be that close and interesting anymore, which I have to blame the French for, the lower leagues still seem to have an edge to them. Imperial's first ever league game in the autumn was against Warwick and, despite a clear loss, gave the team hope for the rest of the season. They worked hard and what followed was complete domination over local rival UCL and Oxford University, which put the Eagles in a position where they would still be able to fight for the top spot in the competition and enter the play-offs if they were to beat their nemesis.

The Warwick line up was similar to the one from the autumn game, which made their tactics predictable. If Imperial wanted to claim the two league points for themselves, they would have to find a way to condemn the big German shooter in the back row and stop the playmaker from setting up the pivot in attack, who was also of considerable size. On the other side of the court the experienced and admittedly frightening central Europeans were always going to make it more difficult to pass the middle block with individual actions than in our previous games, which meant that, finally, there would be a suitable opportunity to try some of the new and well planned schemes like "Wurst" and "Dagmar".

Typically, the Eagles failed to implement any of the tactical masterpieces that would have changed the flow of the first half. Either they spoiled all their good attacking work by leaving massive gaps in defence or wasted all

their defensive efforts in attack by conceding avoidable turnovers, which lead to a 5-goal lead for the guests at half time.

Consequently, the half-time talk was simple and merely a repetition of what was said before the game, but even a team that cleverly named one of their attacking schemes after the German word for sausage and shouts French phrases revolving around sheep at each other for motivation, needs to regroup and realign once in a while.

At the start of the second half, the game took a new turn. Imperial defended well and attacked smartly, stretching the guests' defence with smooth combinations to set up the shooters on the wing. In addition to that, the Eagles' goalkeeper finally figured out the complex shooting pattern of the Warwick team, which cleverly alternated between 'throw' and 'throw

harder', and made the shooter look like a delusional, arthritic West-German trying to tear down the Berlin Wall by throwing marbles at it.

With only 7 minutes to go Imperial had a 2-goal lead, which was well deserved at that time, but Warwick came back strong and showed why they are leading the league. Their defence got more aggressive and IC was lacking the routine to bring home the advantage. In some rather hectic closing seconds, Warwick converted a final counter attack that would take the game past Imperial.

All in all it was a very frustrating loss to suffer and a massive blow to the Eagles' title hopes, but a necessary lesson has been learned and, hopefully, the hard work and fine performances over the season will be crowned with silverware at the University Championships in Manchester next weekend.



One of the intricately planned defence strategies of the Imperial Eagles

		felixSports League							
Team		P	W	D	L	F	A	Diff	felixSport Index
1	Volleyball Men's 1st	10	10	0	0	20	1	19	5.00
2	Fencing Women's 1st	9	9	0	0	1203	805	398	5.00
3	Fencing Men's 2nd	8	8	0	0	1073	712	361	5.00
4	ICSM Rugby Men's 1st	14	12	1	1	512	159	353	4.14
5	Lacrosse Women's 1st	8	7	0	1	145	21	124	3.88
6	Volleyball Women's 1st	8	7	0	1	14	4	10	3.88
7	Rugby Men's 1st	14	11	2	1	470	88	382	3.93
8	Squash Men's 3rd	7	6	0	1	15	6	9	3.71
9	Netball Women's 2nd	9	7	1	1	308	184	124	3.67
10	ICSM Badminton Men's 1st	9	7	1	1	55	17	38	3.67
11	ICSM Netball Women's 2nd	10	7	2	1	421	290	131	3.50
12	Table Tennis Men's 1st	10	8	0	2	117	53	64	3.20
13	Squash Men's 4th	9	5	0	4	15	12	3	1.00
14	Badminton Men's 1st	11	8	1	2	54	34	20	3.09
15	Squash Women's 1st	11	6	4	1	30	14	16	3.09
16	Lacrosse Men's 1st	8	5	1	2	73	54	19	2.38
17	ICSM Hockey Men's 1st	11	7	1	3	39	23	16	2.27
18	Fencing Men's 1st	9	6	0	3	1112	945	167	2.00
19	Badminton Men's 2nd	10	6	1	3	49	31	18	2.00
20	Hockey Women's 1st	11	7	1	3	51	14	37	2.27
21	Tennis Men's 1st	12	5	3	4	70	49	21	1.25
22	Hockey Men's 2nd	9	3	3	3	19	19	0	1.00
23	Squash Men's 1st	8	5	0	3	24	16	8	1.63
24	Football Men's 1st	11	6	1	4	32	26	6	1.45
25	Netball Women's 1st	11	6	0	5	450	393	57	0.91
26	ICSM Netball Women's 1st	9	5	0	4	332	280	52	1.00
27	Tennis Men's 2nd	9	5	0	4	46	44	2	1.00
28	Hockey Women's 2nd	10	4	1	5	20	29	-9	0.20
29	Fencing Women's 2nd	10	5	0	5	1052	1235	-183	0.50
30	Basketball Men's 1st	7	4	0	3	457	442	15	1.14
31	Badminton Women's 1st	10	3	3	4	43	37	6	0.50
32	ICSM Hockey Women's 2nd	10	3	3	4	11	29	-18	0.50
33	ICSM Hockey Men's 3rd	8	3	1	4	15	29	-14	0.13
34	Football Men's 3rd	6	2	1	3	6	18	-12	0.00
35	Squash Men's 2nd	9	4	0	5	18	27	-9	0.00
36	ICSM Football Men's 1st	7	2	1	4	9	14	-5	-0.57
37	ICSM Hockey Women's 1st	22	8	2	12	52	68	-16	-0.18
38	Football Men's 2nd	12	4	0	8	20	30	-10	-1.00
39	Fencing Men's 3rd	10	4	0	6	1054	1163	-109	-0.40
40	Rugby Union Men's 2nd	10	3	0	7	171	142	29	-1.30
41	Tennis Women's 1st	11	2	2	7	35	75	-40	-1.27
42	Rugby Men's 3rd	9	2	1	6	98	228	-130	-1.33
43	Netball Women's 3rd	8	2	0	6	153	251	-98	-1.75
44	ICSM Netball 3rd	8	1	1	6	193	282	-89	-2.13
45	ICSM Hockey Men's 2nd	8	0	2	6	8	34	-26	-2.50
46	Hockey Men's 1st	9	1	1	7	17	31	-14	-2.33
47	Rugby Union Men's 4th	8	1	0	7	59	220	-161	-2.88
48	ICSM Rugby Men's 3rd	11	1	0	10	122	278	-156	-3.18
49	Football Women's 1st	6	0	1	5	2	34	-32	-3.00
50	ICSM Rugby Men's 2nd	10	1	0	9	101	349	-248	-3.10
51	ICSM Hockey Women's 3rd	8	0	1	7	7	66	-59	-3.25
52	ICSM Football Men's 2nd	7	0	0	7	5	35	-30	-4.00

It's that time of the year again...

Varsity is on its way, and felix will be covering all the action in a very special edition.

Want to stoke up the rivalry? Or maybe you don't see the point of it all? Tell us everything

at sport.felix@imperial.ac.uk



Hockey's winning streak continues

Amanda Cheung Hockey



Imperial College Women's 2nd XI 14
St Bart's Women's 2nd XI 0

Having trekked from one end of London to what seemed like the Far East, IC ladies 2s arrived at Redbridge Sports Centre in Essex ready to take on St Bart's, only to find out that the hockey astro had been taken over by some hockey players of the miniature variety, who were playing a nice little tournament.

After various phone calls back to the union and some heated discussions with the other captain and the sports centre staff about the mix-up, the IC ladies reluctantly decided to stay and wait for the match to go ahead when

the pitch became available. So, after a one hour delay, it was game on.

IC got off to a steady start. With the help of Caroline, Carina and Rabiya in the midfield, the forwards Hilary, Soraya and Annabel were seeing a lot of the ball in the opposition's D.

Our reliable defence were also always there to halt any counter attacks made by the opposition, who really struggled to penetrate our D. Before long, Annabel opened the score line with a simple tap in and IC were ahead.

Soon afterwards, Maddie, Ann Marie and Amanda, who had been cheering from the sidelines and bantering with the friendly umpire subbed on. Within a few minutes, thanks to some beautiful passing by IC, Amanda added to the tally with a superb strike that flew past the keeper's right shoulder.

IC dominated the rest of the first half, and with three more strikes from



Amanda smashing the back of the net, we were feeling quite content with the comfortable lead going into the break.

IC came out fiercely in the second half and continued with their ferocious attack. Some excellent interceptions and wonderful hockey saw more Imperial goals fly past the keeper into the net courtesy of Annabel, Soraya and Amanda (who went on a slightly mad goal spree).

Even our captain Carina couldn't re-

sist a cheeky goal when the ball made it through to her in the middle of the D. As IC steamed ahead, the weather decided to play bad cop and for the last ten minutes, Imperial were exposed to sleet and snow in blizzard conditions. The pitch was swiftly being coated by a thick white blanket of snow and a momentary lapse meant that IC had to hold their breath in the last few minutes of the match as St Bart's won a string of short corners. While the team

struggled to make out the lines on the pitch, our goalie Gemma was called into action. Thanks to some marvelous defending by Alice, Kathryn, Izzy, Fi (who took a little knock in the shoulder when one of their players tried to take her down with a hockey ball), and of course Gemma, IC secured another clean sheet and their 10th victory in a row, wreaking havoc upon their opponents with an awesome final score of 14-0.

Imperial College Football and Kick 4 Life join forces

Damian Phelan Football

Imperial College Football Club last month held the inaugural Kick 4 Life 5 a-side tournament in Ethos. Elite footballers from across our university were invited to test themselves at the highest level of indoor football, all in the name of raising funds for Kick 4 Life.

The event attracted a diverse range of teams including notorious choke artist Jack Jeffries and his Band of Gentlemen, Ahmed Farag's Mediterranean Magicians, the Southside Legends led by Phil Meier, Fitsum Degefa's Wilson Kings, the RAF squadron marshalled by Mike Turrell, ABACUS captained by Matt Wong as well as a Kick 4 Life team doing its best to represent the foundation. Over 2 Sundays in January

all of the sides contributed some dazzling football as well as some generous donations culminating with the Wilson Kings coming away as winners of the championship and almost £400 being raised to help increase awareness of HIV/AIDS in Lesotho.

Football has an incredible ability to bring people together, to evoke fierce passion and also to improve lives for the better. You might question the final part of that statement, however through organisations involved in the Development through Football program, organisations like Kick 4 Life which have recognised the amazing power that football has to draw people together. Founded in 2005 the foundation arranges regular football tournaments throughout Lesotho where children of all ages are encouraged to

demonstrate their skills while also having access to free HIV education and testing. In a country where being HIV positive is associated with the worst social stigma and often leads to outcast status, Kick 4 Life provide a new perspective for those with and without the disease. By creating an atmosphere of positive peer pressure through bringing people together for sport, they make sure all of the children at their events get themselves tested and that their parents do too. The Development through Football program has changed the lives of so many individuals from Uganda to Cambodia, Palestine to Australia. It is an honour to have helped raised funds which I hope can change the life of at least one person for the better.

As a university football club we carry

a lot of responsibility on our shoulders; organising training, matches and social events for more than 120 members. Responsibility takes many forms and when you have the power to contribute something positive for those less fortunate then you have to seize it. Every member of our club loves the game we play, so we took advantage of this to create an event to mirror those held by Kick 4 Life, even involving the NHS to conduct chlamydia testing.

The first week of the event consisted of quick fire round robin matches, dominated by Southside Legends who won all their games with quality performances all round with Justin Whitehouse and Phil Meier looking solid at the back while Mamzi Roshid netted a bag of goals up front. There were some tight affairs though with the Mediter-

reaneans, Wilson Kings and the Kick 4 Life team all looking strong. Moment of the day came when Club Captain Ed Lobb nutmegged Vice Captain Pete Frampton to help the Kick 4 Life team to victory.

The second week of proceedings caused real fireworks. There was controversy as Jack Jeffries Gentlemen were denied a place in the knock-out stages on goal difference only to be thoroughly beaten by ABACUS in the wooden spoon match. More controversy followed in the quarter final match between Wilson Kings and the RAF as Mike Turrell scored an opening goal of questionable legality. The Kings equalised, but captain Fitz missed a last minute penalty sending the game

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