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FELIX



The Student Newspaper of Imperial College

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Foreign Office Vets Students

BY ANDREW SMITH AND REBECCA MILEHAM

Concerns over the possible proliferation of militarily dangerous technologies will mean that overseas students from ten selected countries will be vetted by the Government before being accepted to take up posts in Britain.

The countries include Commonwealth members India and Pakistan as well as Israel, Libya, Iran, Iraq, Syria, Egypt, Cuba and North Korea, while the research subjects range from electrical engineering to biology, covering most of Imperial College's activities.

Professor Sir Ronald Oxburgh, Rector of Imperial College, attended ministerial meetings of the Committee of Vice Chancellors and Principals (CVCP) with the Government to negotiate the acceptance of moderate vetting procedures. Sir Ronald has told FELIX that the CVCP was the agency chosen by Government to introduce this guidance, emphasising that it was the Government itself which had drawn up the controversial list of countries and subjects.

However, Dr John Hassard, Lecturer in the Physics Department, has criticised the list of countries insisting that some of them are extremely responsible, contrary to Government indications. He cites Pakistan, not a signatory of

the Nuclear Non-Proliferation Treaty (NNPT), as having refused an approach from Libya of \$100 million for nuclear technology. The method of naming countries, which includes NNPT signatories, seems to contain a certain amount of 'racism' suggests Dr Hassard, with Britain telling others that they are not responsible enough to have nuclear weapons.

The Government has made it clear that the list of countries is 'subject to amendment in the light of changed circumstances'. The Rector commented that with the involvement of many different Government departments, this is basically a diplomatic matter.

Dr Hassard is extremely sceptical about the advantages of this vetting process, suggesting that a much broader range of measures is needed if Britain is to counter the proliferation of nuclear weapons. He added that it is the trade in nuclear materials that must be addressed, rather than that of information which will always be available.

In 1979, an Iraqi Post-Doctoral student who had carried out research in Imperial's High Energy Physics group returned to Iraq to set up its nuclear weapons programme. The present leader of the program is also an ex-student of Imperial College. Though maintaining that he is not



photo: Ivan Chan

It's Rag week! writes Chris Berry. So far Imperial College Union Rag has raised in excess of £5,000. The usual domination of collecting by the Royal College of Science Union (RCSU) has been overturned and City and Guilds College (C&GCU) are firmly in the lead. However, The Royal School of Mines Union (RSMU), doesn't seem to have entered into the collection with as much enthusiasm. The breakdown for each of the Constituent College Unions is as follows: C&GCU £1828, RCSU £1403.10, RSMU £5.25. Money raised will go to many charities, including the Systick Fibrosis Trust.

"Be mad, be silly, be part of it." For more on Rag and Rag Week, see the pullout in the centre of this edition.

embarrassed by this, the Rector stressed that these measures are part of a much larger initiative by the British and other Governments. He insisted that the process is voluntary, with the final decision being up to the institution's discretion. Sir Ronald defended the usefulness of the measures, saying that even if only a small number of cases are affected, it could serve its purpose and reassure nervous

universities.

Institutions will be expected to submit details of candidates' academic and employment background to the Government, along with details about their proposed course and length of study. The Government, officially through the Foreign Office, will then advise the institution as to the risks involved in admitting a particular student.

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Manager Leaves



Sam Michel, Imperial College Union's (ICU) Events Manager, will be leaving his post in three weeks time, writes Andy Sinharay. Sam, who has been working at the Union for one and a half years, is due to take up a new post at the offices of Time Out on Tottenham Court Road, where he will be setting up a 'web server' for their computer network.

Although his primary responsibility was Union Events, he has been involved in the setting up of a similar system for ICU. "I do a lot of Information [Technology] stuff," he said. Sam has been involved in all manner of activities ranging from running the Careers Fair to organising stewarding, balls and room hire. Being a graduate of computer systems engineering, he wanted to go into multimedia and felt that the Time Out job offered him the best opportunity.

Leaving ICU may not be easy: "It's been really cool here, it's a really good team...I'm very sad to leave this place, and particularly the people."

Eloquent Science

BY ANDY SINHARAY

The Imperial College press office has just produced a leaflet entitled 'Speaking to the Media'. With academics increasingly appearing in the public eye, Ms Lynda Davies, Director of Marketing, said that many people were nervous about talking to the media.

The document is designed to give advice on how best to talk to journalists and TV interviewers. "We've had requests over the last year from people, mainly medics, on whether there were any guidelines, but this was something we were going to do anyway," she said. Copies have been distributed around College and already the Press Office has received requests for more. "The days are gone of the PR officer talking [to the press]," she said, "now it's everyone's responsibility to talk to the media."

Saying that the booklet was long overdue, Ms Michelle Duffy of the College press office said that in the past staff have asked what to wear to interviews and

how to act. The leaflet supplements existing training courses at Imperial in which academics are subjected to mock TV interviews. Descended from publications produced by Frank Albrighton, Director Of Public Affairs at Birmingham University, the booklet also contains information on handling sensitive issues and talking about research.

Ms Duffy, however will not be at Imperial to see the fruit of her efforts. She is leaving her post as Press Officer and will be returning to her native New Zealand on Saturday. Although she has worked at Imperial for the last three years, she said, "I wasn't intending to stay...but the longer you stay here the harder it is to leave. I'm like all New Zealanders." Living in Roehampton she was happy to accept the offer of a post at Imperial as assistant press officer. "I'd heard it was the best [college] in London", she said. FELIX wishes Michelle all the best Down Under and awaits an eloquent and nerve-free postcard from her homeland.

Student Loans For Sale

BY ANDREW TSENG
NEWS EDITOR

A student furore has erupted after a confidential Department for Education document was leaked to *The Guardian* this week.

The document details plans for the privatisation of the Student Loans Company. The state-owned company manages loans to students for the which only interest charged is in line with inflation. Two options are suggested. The first proposes that the Treasury subsidises private banks and credit companies to the order of hundreds of millions of pounds to continue the no-interest system. Under the second proposal, loans would be paid back at commercial rates, though

there would be interest free periods whilst studying and the repayment of loans would be deferred.

The Committee of Vice-Chancellors and Principals (CVCP) has consistently opposed the Student Loans Company. Speaking to FELIX, spokesman Dr Ted Nield said, "We disapprove of the Student Loans Company fundamentally. That's mainly because of the repayment scheme. We don't see any difference between a Student Loan Company which is publicly owned or one that is privately owned. If the Government had got the repayment scheme right in the first place, the banks would have taken it."

The CVCP favour a mechanism whereby students do not have to repay the loan in a

fixed period. "You repay a fixed percentage of your income once graduated. The term of the loan varies until the loan is repaid."

Lucy Chothia, President of Imperial College Union, condemned the plans: "It's completely appalling. We have huge numbers of students who are up to their neck in debt. The Government just seems to be set on ruining students and forcing people from less well off families out of higher education."

At a college welfare meeting held earlier this week, College appeared to have resigned itself to Government policy. An attendee commented, "It's extremely frustrating to see the apathy amongst college welfare staff when this means so much to the students."

Horse Play

BY RACHEL WALTERS

Research being undertaken at Imperial will determine the future of equestrian events at the next Olympics.

In a joint venture with the Animal Health Trust, Dr Robert Schroter of the Bagrit Centre, has been studying the effects of the punishing Atlanta environment on the horses' welfare. Based on the research, the FEI, the international body which governs equestrian events, has submitted a report to the International Olympic Committee with guidelines for 1996's 3-day event.

Concern mounted after the last Olympics in Barcelona,

(Continued on page 3, col 1)

Medical Building Trauma

BY ANDREW SMITH

(*'Horse Play' continued*)

when a number of horses suffered from heat exhaustion. In Atlanta, where humidity levels can reach 90%, conditions are expected to be even worse. The research, using techniques developed at Imperial, seeks to study the effect intense heat, humidity and solar radiation has on the horses.

Initial work was done using treadmills in a simulated environment in Newmarket. It culminated in a visit to Atlanta with six horses. Dr Schroter is in the process of compiling an index to define minimum standards of event length, conditions and acclimatisation periods that the horses require.

The Physiological Flow Studies Group in the Bagrit Centre, hidden away in the basement of the mechanical engineering department, has undertaken a number of projects into animal welfare. As well as the trip to the US, Dr Schroter has been to Morocco to study camels, Antarctica to investigate the penguins and Ethiopia to research cows. He says, "Animals are far better than we are at tolerating stress."

Imperial College has this week submitted revised, downsized plans for the new Basic Medical Sciences (BMS) building.

The new building, also to include the Biology Department, was originally costed at £72 million. Following informal discussions with the HEFCE working group, Imperial College has downgraded its estimates by £11m. Dr Rodney Eastwood, Deputy Director of Estates, has confirmed to FELIX that the proposed spending of £62m is officially being split into £45m for the medical side, and the same original estimate of £16m for the Biology part.

Dr Eastwood has admitted that negotiations are at a very delicate stage with the concerned parties, which include the three west London postgraduate medical schools. The removal of students from the two hospital sites may also result in funding from the Department of Health (DoH), following the possible sale of the area vacated by preclinical personnel. The medical part of the BMS

building should be 100% externally funded according to Dr Eastwood, with the new Imperial College Medical School accepting undergraduates in October 1998.

FELIX has learned that the Biology part of the building will only be 25% funded by HEFCE, the extra £12 million having to be met by Imperial College. Mr Mike Hansen, Director of Finance, has insisted that there will not be a problem finding this money, either internally through College funds or externally by borrowing from banks. He said that the 'most appropriate manner of financing would be decided at the time according to Imperial's financial forecast and tax efficiency'.

The combined intake of up to 1000 extra students on the South Kensington site, will force the introduction of extra student facilities. While no extension of Union space has been agreed, the removal of the Biology Department from the Beit Quad will leave possibilities open for the redevelopment of that area into student accommodation. The lack of any medical library

facilities in the Central Library has resulted in the inclusion in the plans of an extra floor on top of the present building. This would include a new 350 seat lecture theatre which would in part replace those in the Old Chemistry building, which is due to be demolished.

With the proposal to start building during the end of 1995, the Biology Department is said to welcome the move to new purpose-built facilities, where it will share certain equipment with the medical schools. St Mary's students are somewhat apprehensive about the move, but their President, Claire Maloney, has guardedly welcomed the plans. With a large canteen, and space for the new Constituent College Union offices included in the proposals, Miss Maloney said that it is looking, "all right as far as recreational space is concerned."

Dr Eastwood emphasised that all these plans are dependent on the approval of funds from HEFCE and the DoH, and that final allocation of space will only be decided after the commitment of these bodies.

Editorial

It has been a couple years now since I went through my depressed and delayed post-adolescent trauma. Feeling profoundly disillusioned, I read through the philosophers until I got to the existentialists and ran away. I read of political ideals and swung left to right and back again more times than Attila the Hun on a playground swing. I was the kind of communist who was too anarchic to ever get together and who, besides, was studying a degree in order to, presumably, make lots of money.

Like the majority of people who stare at books or the wall too long, I started to see nothing but my shadow and the thin cracks which run through everything. I got to the point where I realised that all anyone really has is themselves: not only in terms of someone to rely on or to truly understand but in the sense that

the only place where most of us can embody our ideas is within. How many of the great thinkers were ever able to put their ideas into practice? All doctrine is corrupted once implemented and besides, a doctrine isn't the sum of a person's beliefs, it's more like a newspaper photograph of the moon. White but made of holes, only an approximation which on the macro scale appears fine but under close inspection falls apart. Life is more subtle and chaotic than the old ideas could dream of.

How many of us really think about fidelity to our beliefs? I realised a couple of weeks ago, during the Careers Fair, that I have all but forgotten the concept of getting a job or responsibly sorting my life out. I've had ideas, the kind you would expect of a computer science trained arty-editor, but mostly the feeling has been the long leftover 'I'll write a book and it will vindicate anything I do, however mediocre.' The only way to

proceed was to stand still and let the rest of the banal, authoritarian, screwed up world proceed in its weary way.

Maybe I'm getting old but this doesn't seem good enough anymore. I'm afraid of waking up thirty five years old with nothing to show for my conviction that the world was a **bad place** but a lifetime avoiding it.

This week a rather unique individual from the crew on the right has made me think about *making* my place within it. Pulling people together and, in some small but brilliant way, making things happen. Talks about forming a company of like-minded spirits and burning true to your ideals - avoiding the bureaucratic multi-layered industrial landscape like a pre-revolutionary plague. But am I just trying to believe this to cash in on the reality of the next fifty years? Or do we all stumble here eventually? Maybe, but we are all dying here regardless...

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Purely for the sake of consistency pседonomy defeats the banal...

Hacky Ramblings

Dear Owain,

I have been actively involved with Sports Clubs over the last two years and have a knowledge of most of them. The advert you carried for Wing Chun Kung Fu in Felix issue 1010 rather amused me. I find it hard to believe that the Club manages charity work within the Union gym and would appreciate any information about such activities.

The advert also mentions the Mayors of London, Westminster and Haringey, when did these demonstrations take place? "Many Celebrities and VIPs have walked the grounds of IC", yes, but how many have been interested in Wing Chun? Sifu Sofos has been awarded "progress with humanity", so? What the hell is "progress with humanity"?

Wing Chun claim to have raised money for charities (do RAG know about this?) exactly how much money has been raised, and which charities? Is the parent academy for Wing Chun the charity?

How does the Club manage to council students for exam work and emotional stresses? Surely this is a matter for the professionals in the Union and College. Wing Chun claim to be the "winning team". What competitions have they entered? Are the results acknowledged by UAU and the Union?

Surely a Club talking about giving students "spiritual enlightenment" should be a religious Society and hence in SCC?

Everyone should wise up to adverts and read them for what they actually are. Self congratulating drivel without foundation should be ignored!

Students of Imperial College you have been warned.

Name withheld by request

Well, if your inferiority complex is such that you require new and interesting ways in which to kick the desiccated coconut out of people, the adverts you write are not going to draw attention to the fact that you are a psychotic. "Join the Royal Marines, we have a fabulous dental plan" etc. Still, why do you care? This reeks of internal hacky-politics to me. Slide back under your rock whydoncha Mr Request.

Out of the Closet and Under the Tofu

Dear Felix,

In response to Samin's comment that "To Glyph, gay is trendy", whether Glyph or Samin himself actually believe this; being gay isn't trendy.

As an out lesbian at Imperial College I find that the atmosphere on campus is incredibly homophobic. This isn't helped by statements saying that people are only gay because it's fashionable. When people start to realise that homosexuality isn't something you can change like you can change your shoes, then perhaps we will move a step closer to equality at I.C.

Yours sincerely

Jane Hoyle
(Biology III)

You must understand that I was having a go at the politically correct view that we should all consort with homosexuals, love our neighbours and breast feed Somali babies. It may have been less than polite to site the two prominent homosexuals in the college, but after all, how can you be flippant without looking into the face of Imperial College; and you are in the face of Imperial College. At the same time you must get people coming up to you saying "Oh you're so brave dahling, those bastards, those bastards! Do come round for a tofu sandwich sometime." I think for the new bourgeoisie it's trendy to like gay people, and I have never said anything else. If Samin watsisname or yourself want to take me out of context, then there it is, but I'm confident that I stand with an egg-free face.

Pink for Girls

Dear Anna

I was surprised and pleased to find your letter in Felix. But I think you would be surprised about how few people have noticed the questionnaire - I know because I was walking around asking people and most had not even heard of it! This was also well demonstrated

during the last UGM of the summer term, when a spontaneous motion demanded that the results should not be allowed to be published because the questions were leading. When it was asked how many people knew the questionnaire, only a handful of people did. Unfortunately they decided I am not to publish any of the findings. This is a real pity: the reaction was very diverse, and gives quite a bit of insight into many aspects of the life of female students. And it would have been a lot better to let individuals decide for themselves after reading about the results, rather than to force the opinion of a few on the rest of the college.

I know now that the questionnaire could have been set up in a different way. When I published it I honestly believed that the contents would not offend anybody, as I had asked many friends (male and female) whether they could find anything 'sensitive' and I consider aggressive arguments counterproductive.

I had also hoped that some chaps would come forward with what they thought, but sadly there has not been any response of that kind at all; it seems I was too subtle! However, I have asked many of my male friends whether they have ever been harassed, and if anything they said that they have experienced something like 'a minor nuisance' (to use your words). A few went far enough to say that they have felt threatened by male attention, in contrast to female attention. And some of them were worried on the streets at night, but because of potential male rapist rather than some scary females.

The survey was intended to sample opinions and to trigger a discussion about the subject (which finally might come about, thanks to you, Anna). Some women greatly welcomed the interest in their situation. Some people seemed to believe that I was eager to get as many complaints as possible. And, given the feeling that the questions were 'leading', some of them have little confidence in their colleagues if they believe that they can be manipulated so easily! (I am aware that there have been cases where suggestive hypnosis resulted in made-up abuse memories etc - but this would be grossly overestimating the influence I could have even if I wanted!) I would be happiest if there were no complaints at all, and the post of

Edited this week by Glyph

Women's Officer was completely uncalled for. This is not yet the case (although the situation is not too bleak either!).

A few women demanded that I apologise to the whole male population of Imperial, which I am absolutely willing to do (including to those that told me it was alright): I apologise - no offense intended.

The women who come to Imperial must know that there is a strong male majority, and the fact that they come here after all indicates that they feel reasonably relaxed about this. In fact, I do not know of any females here who 'view contact with men with extreme prejudice'. I assume many of them indulge in male company as much as I do.

The problem with something like harassment is that it is very subjective. Some women do not mind jokes that others consider to be insulting. You might not mind being called a rhinoceros by your neighbours but if you do you can take them to court. So why should one be less upset about remarks that aim at your gender? Why is it that complaints in this direction are so often considered to be petty and sad?

I agree that many harassers are not aware of the agony they are causing, and certainly counselling is a far more useful tool to deal with such cases than punishments. However just telling the harasser to stop is not always effective. Certainly you are right in saying that it is shy and insecure people who get most molested, whether male or female, and who consequently find it hard to confront their harassers. However, I am certain that many 'normally confident' women also sometimes find it difficult to make it clear that they feel uncomfortable about a situation. After all, one does not want to seem petty/impolite/tactless/horrible etc. In fact, it happens that women worry whether they might be overreacting and hysterical. Sobetter shut up and endure whatever?

I do not consider it a good idea to treat women with velvet gloves. Otherwise they might enter a job and suddenly find themselves in a world they cannot deal with. Instead, it is important to make sure that women are self-assertive enough to deal with the problems they might encounter. For this it can help to know that there are people who take your problems seriously, and that you feel

supported. I definitely agree that women should not view themselves as helpless victims (if they can help it), but that they should be aware of their own strength and how they can tackle adversities.

If there are things that can be improved, then they should. Policies which ensure that everybody is treated with due respect have nothing to do with 'special treatment'.

The problem is, as so often, one of communication. Instead of helping this, it seems I have managed to cause further confusion!

Kristine Vaaler

This is just more bloody moaning and navel contemplation. The semantics of the word harrassment are such that to question aggressively and frankly is the only means of getting any sort of reasonable data from a questionnaire. I think on that you have a point, but at the end of the day, if anyone is undergoing serious sexual harrassment at Imperial College, someone will notice. Pretending to do something for the good of women and playing social worker is not really conducive to anything constructive. True you may draw attention to the plight of those

women undergoing sexual harrassment, but surely you are deluding yourself. Sexual harassment is a daily feature in our lives: you have to deal with it. If anyone viewed this a serious problem, then they wouldn't put you in charge of dealing with it. Don't take that the wrong way now, but just because you have two X chromosomes, that doesn't make you a gynaecologist.

Some dishy little numbers this week folks, and thank you for taking the time to write in. No apologies to anyone that thinks me incapable of dealing with womens' issues, and no apologies to anyone that feels their PC has been violated. Did any of you music lovers notice Martyn with a Y call My Bloody Valentine a British band? Come on, I know the Docker's Fist spouts religiously about the pros of apathy, but you don't want to listen to a word from that fella says.... GLYPH "one johnny spenser, there's only one johnny spe....."

Letters may be commented on by a guest editor whose opinions are not necessarily those of the editor and cut due to space restrictions. Deadline: Monday 6.00pm.



IF YOU HAVE ANY COMMENTS (GOOD OR BAD), QUESTIONS OR PROBLEMS REGARDING I.C. HALLS OF RESIDENCE PLEASE CONTACT ANNIE OR DAN IN THE UNION OFFICE. (Ext 58062)

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POLITICAL SCIENCE

Consider the objects that an artist and a scientist creates.

An artist produces objects which are very personal to her, but are taken on by the universe as very personal to *them*. An artist will not sell objects which are too personal to her. Kubrick may ban *The Clockwork Orange* in Britain, but the general impression is that an artist's responsibility for her work ends as soon as the work is taken on by the public.

But consider the scientist. He produces theories for the universe. His theories have no personal appeal to himself: they are of an immense generality, of use to everyone. But contrary to the spirit in which the theory is produced, the universe (ie, everybody else) does not take on the theory as though it were part of

them. Theories are tools, extensions to our thoughts, but something cold, something alien. We are impressed by the simplicity of a theory, but perhaps not in the same way as we are awed by a magnificent piece of art.

There is the other difference (in the objects produced) that a scientist is rarely in the position where he will say "I won't publish this theory because it means something to me". In fact, the scientist usually has the opposite approach. Recall Einstein writing to Roosevelt at the time of the Second World War, saying that if America did not produce the A-bomb then the Germans would. "If I don't publish this theory then somebody else will." Is it because a scientist produces objects of such universal generality that he feels less responsibility for its behaviour?

Samin

NEW WORLD ORDER

Saddam's latest bout of adventurism in the Gulf again forces on others the question of how to prevent him from keeping the region churned up and insecure indefinitely. Once again he has created a military crisis and been forced back by American might and muscle. And yes, once again he could end up with a deal that allows him to remain in total control at home, grow in prestige abroad as a leader of Islam and rebuild for a new bullying session against his neighbours.

"Saddam is an unconventional miscreant..."

Of the latest solutions in keeping Saddam Hussein at bay, and one that seems to be gathering considerable support, is to restrict the forces he can deploy in southern Iraq. Another would be to demonstrate to the Iraqi people that he cannot protect the sovereignty and integrity of the Iraqi nation. This is a good idea, but there seem to be signs of slippage amongst the allies, with the French and the Russians not in agreement with the U.S. and Britain on how this should be implemented. No matter, any restriction on the mobility of

Saddam's troops is likely to reduce his trouble making ability.

The Iraqi leader complains that the UN is treating him unfairly. No sooner does he claim to meet a UN demand, than another is put before him. He is right to say that more is demanded of him than conventional miscreants.

"Iraq does not deserve a break..."

There is a good reason: he is an unconventional miscreant, more duplicitous, more dangerous, more tenacious and some would say, more insane. Saddam's Iraq does not deserve a break from others; others deserve protection from Saddam's Iraq. Can they gain sufficient protection while he remains in Baghdad is the question?

Sanctions remain in place, as they should. They pressurize Saddam Hussein to respect UN resolutions. His pressure on his people shows their effect. The Iraqi people are suffering from the sanctions, but much of that is because he denies what relief they could get if he took up the long available option to sell oil under international supervision for humanitarian supplies. The UN is right to hold sanctions.

AITA

I found myself in the unusual position last week of having to direct some acquaintances to a location not more than five minutes from their very own college - a place that they had inhabited for a full two dozen

months and yet more. Your Frater, as you may imagine, was disturbed by this. He questioned how they can live, if they have no knowledge of the area they are living in. Have they no desire for exploration?

Everyone within academia should be an explorer. They have opted to devote three years or more exploring the niceties of a subject which should be close to their hearts. Yet the will to explore is strangely lacking in many - they remain like those derided souls tether'd in Plato's cave, destined to see only a cinematic projection of the tomfoolery of those who mock them. Your Frater would like to ask his readers if they are similarly mocked.

Everybody should exert themselves with exploration, both

Frater Fiam writes



internally and externally. It is an impossible to explore all, but certain fruitful areas remain surprisingly unsought. One such realm is that of the Self, that place of dark and unbound desires, that miasma of trivia and unforgotten

pasts. The few who successfully undertake the task of self knowledge gain notoriety, such is the difficulty of their task. Sages, seers, mystics all walk this path, and some go far. Some few may even reach the destination, that of total awareness; but in doing so they inevitably are no longer human. Your Frater has only touched the surface of this realm, and yet there is sufficient within for him to mark each new discovery with permanence. Two such marks are now borne by he.

So I shall instruct you this week to reach deep, deep into your minds so as to truly know what is there, yea to truly know what is there. I must depart anon, as Gabriel awaits.

Elimination by Catfish

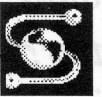
- | | | |
|----------|-----------------|--|
| 1. Gag | 22. Story | a. The naked truth. |
| 2. Shy | 23. Blind | b. Some mousey words |
| 3. Top | 24. Civic | c. A long tale, perhaps? |
| 4. Bare | 25. Clean | d. Look ahead! |
| 5. Call | 26. Dirty | e. Two synonyms |
| 6. Dead | 27. Drunk | f. Relative growth |
| 7. Eyes | 28. Eagle | g. Black comedy |
| 8. Fort | 29. Facts | h. Bar customer needs a guide? |
| 9. Girl | 30. Front | i. Two homonyms |
| 10. Hard | 31. Ghost | j. Landscape gardeners do them. |
| 11. High | 32. Legal | k. Two with centre |
| 12. Hind | 33. Lance | l. Horror author. |
| 13. Joke | 34. Throw | m. Two anagrams |
| 14. Jump | 35. Views | n. Attract her attention |
| 15. Lose | 36. Church | o. A turret? |
| 16. Plan | 37. Fought | p. Two palindromes |
| 17. Tall | 38. Family | q. You're for it if you flop! |
| 18. Tank | 39. Writer | r. The bird at the bar! |
| 19. Trap | 40. Forward | s. Two golden things |
| 20. Tree | 41. Anniversary | t. "Freedom's just another ____ for nothing left to ____" - Janis Joplin |
| 21. Word | | |

Solution to last weeks' crossword:

Across 1. Boundaries, 6. Adds, 10. Cobra, 11. Decorator, 12. Lebanese, 13. Torsi, 15. Uplifts, 17. Screech, 19. Observe, 21. Chateau, 22. Ounce, 24. Obligate, 27. Determine, 28. Grand, 29. Rant, 30. Impersonal. **Down** 1. Buck, 2. Umbrellas, 3. Drama, 4. Redeems, 5. Exceeds, 7. Deter, 8. Straight Up, 9. Criteria, 14. Out Of Order, 16. Forbears, 18. Eyestrain, 20. Egotism, 21. College, 23. Not On, 25. Gages, 26. Idol.

⊕ Timestamp

MORE THAN JUST A SCIENCE PAGE



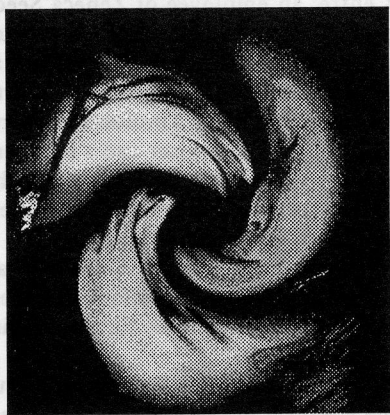
⊕ IdealHomepage

COLLEGE WWW SERVER SURVEY

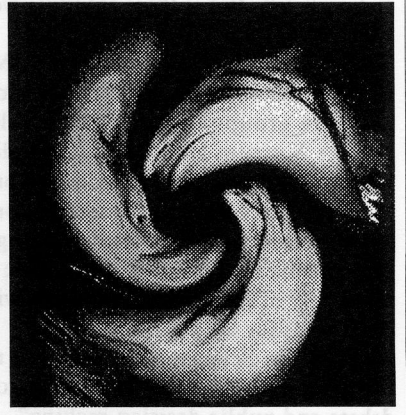


⊕ WebAlchemy

IMPROVING YOUR RZEPUTATION

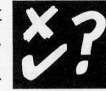


Another great team effort this week in the *S-Files*! So far we've covered the opinions of ∞ Internet Access (1007), undergraduate ∞ women(1008), ∞ Science Communication(1009) and ∞ Virtual Reality(1010). In coming weeks, we're going to be looking at ∞ Hard and ∞ Soft Science with Robert May, famous ∞ Muso/Scientists, the ∞ Big Bang debate. Science ∞ Ideology, ∞ Quasi-Science versus ∞ C Theology, and following up on our ∞ Women UG page with a look at the Staff/PG perspective. And that's just the first term! So, far, we've also sent ten people to the Future Entertainment Show at Earl's Court and twelve to the Emaginator Ride in Piccadilly! Not bad, huh? This week, we return for a last look at the net with a review of the College's virtual net presence via the World Wide Web.



College ∞ World Wide Web pages vary wildly in quality and content. The main College ∞ homepage (<http://www.ic.ac.uk>) contains links into various services, most of which contain little or no meat. Some work is needed here to liven up a very dull page! Clicking on the "Academic Departments" ∞ hypertext links into (yup!) a list of IC departments and research centres. Only some of these entries link into departmental ∞ homepages and none to research centres. (Some ∞ homepages were under construction). Aero had the best pics, but not much content. Computer Science had loads of content (as

expected) although looked a little dull; it was good to see coursework notes appearing in hypertext form and the pictorial walk around College is fun! Physics is also excellent, with research groups offering a great depth of excellent content and (gasp!) student society ∞ homepages. The Chemistry ∞ homepage was by far the best of all, offering loads of info accessible in a very elegant and consistent way and feeling well-used. Pity there's no ICU, FELIX, or Student Society homepages though. In summary – IC ∞ homepages should look great and be useful and used. Most don't. Yet.



∞ Cyberlex

World Wide Web - An 'agreement' between thousands of computers allowing WWW-formatted requests for information to be received and serviced. Sic: "the Web"
Homepage - A "page" that acts as an introductory guide into online web pages.
Webmaster - The person responsible for administering a given WWW site.
Hypertext - Click on highlighted words and you will be taken to relevant pages.
Server - A computer supplying Web pages.



The ∞ homepage which belongs to Imperial's Chemistry Department received a boost to its fame this year when it was featured in the Internet guide-book "Teach Yourself the Internet in 21 days". But it could hardly ask for a more effective promoter than its ∞ webmaster, Dr Henry Rzepa.



"It's what scientific cooperation is all about", says Dr Rzepa, whose enthusiasm for all things Netlike even extends as far as posting family photographs in a distant corner of the page. He can't understand why some departments are dragging their

feet in allowing undergraduate access to the Net. "We trust them in the lab littered with potential hazards so why shouldn't we trust them with computer access?" he says, pointing out that chemistry undergrads have been actively encouraged to use email for six or seven years.

After a title screen with lots of welcoming pictures, the page offers a wealth of ∞ hypertext links to what Dr Rzepa terms "the world's best teaching materials in chemistry" from various international sources. Dr. Rzepa has managed to demonstrate an entire third year course graphi-

★ Competition

This week the *S-Files* together with ICU Bookstore are offering a copy of "The Internet Golden Directory", worth over £20! It goes to the person who brings the most bizzare object imprinted with "Only the *S-Files* can save us" into FELIX by 1.00pm Tuesday 15th November 1994.

\:-) S-Files Winners (-:/

Gidon Moont, Varuni Paranavitane, Shaleen Meelu, Adrian Gilby, and Tim St.Clair, all won Emaginator tickets! Don't forget us as you plunge down into the black hole...

cally on a series of linked pages, although he stresses that online materials are intended to enrich rather than replace one-to-one interaction between students and staff: "All the documentation, test papers, past exam papers, lab allocation, and we're actually encouraging people to submit the project resulting from the course in this form. So the third years will have a chance to show the world what they've done."

Dr. Rzepa has also placed all of his research papers and lides on the ∞ server. "I tend to give research presentations in this form, directly from Web pages."

Last week alone, a staggering 20,000 accesses were made to this ∞ server, including 6531 from the continent, 3727 by US education sources, 1585 by companies, and 2050 by UK educational establishments other than Imperial. ∞ The shape of things to come.

Would you eat a tomato that's been genetically engineered to last longer, or taste better? **Daniel Tagg** reports from the first UK Consensus Conference on Plant Biotechnology, where the public gave their answer, and put...

Science on Trial

There is growing disillusionment with our political system and politicians. We complain that "they're not doing their job", or "they're in cahoots with big business, lining each others' pockets". But is there anything we can do about it?

Well, last week the Science Museum tried to make governments and business and pressure groups listen to the public. The Science Museum and the Biotechnology and Biological Science Research Council organised the UK's first National Consensus Conference on the subject of plant biotechnology. This could be the start of a new democratic process, a new way of connecting the public with decisions made for the public.

As the Science Museum says, this was "an unconventional contribution to public debate and public decision making" – unconventional debate in the sense that a panel consisting of 16 members of the public is given free rein to invite experts to answer any questions the lay panel puts to them. On the basis of these answers the panel writes an independent report. The unconventional nature of the decision making is that no-one who actually makes the decisions has to listen to the panel. The initial signs were not good. William Waldegrave MP, Minister of Agriculture, Fisheries and Food, was billed to open the conference, He could not attend due to "cabinet business".

Consensus conferences started in Denmark, to collect the "unfiltered views of the people" on issues such as food irradiation, road transport and electronic identity cards. Denmark has a much stronger tradition of consulting its citizens than we do, so it remains to be seen how much notice will be taken of this conference in the UK.

The organisers advertised in local newspapers throughout the country ask-

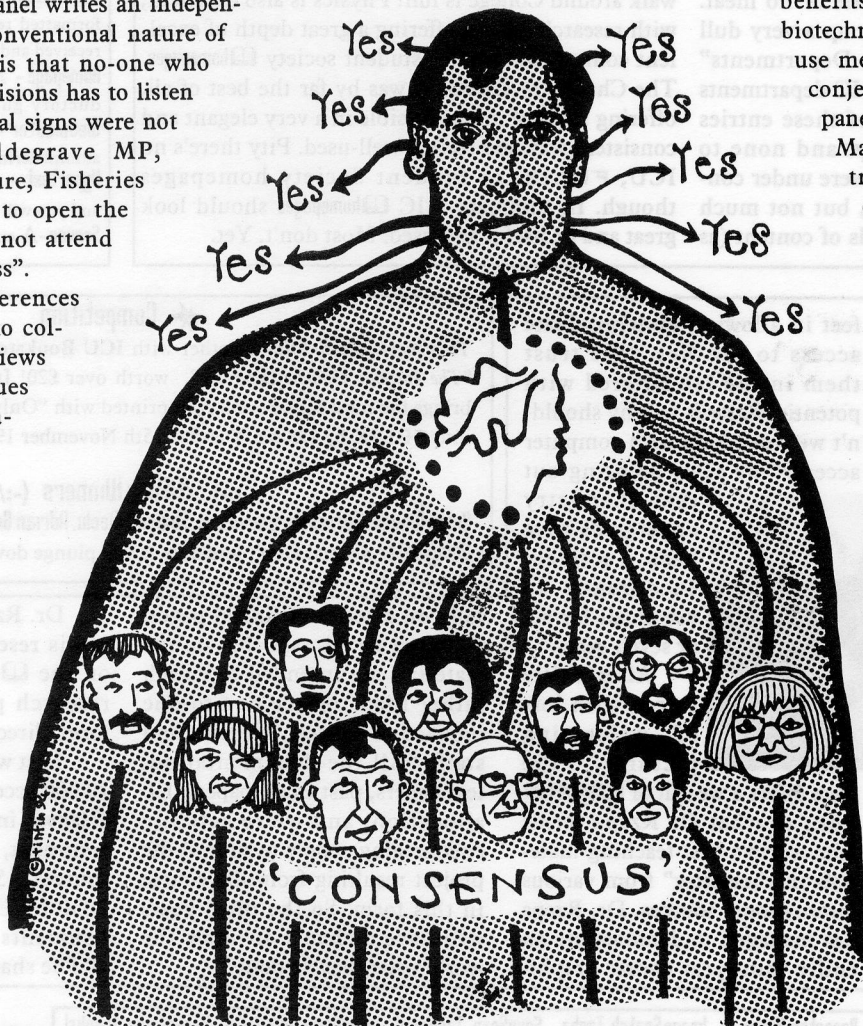
ing for volunteers. Over 360 people (including myself) applied for the 16 places on the lay panel. The panel was chosen to be representative of the UK's population – equal numbers of men and women from a wide range of social classes, geographical areas and ethnic groups. None of the panel had any experience or particular knowledge of plants or biotechnology. A couple of months before the conference started, the panel was given two intensive weekends of introduction to the basics of biotechnology. First, they addressed issues such as how biotechnology works, and how it might affect society, the economy and the environment. Second, they identified seven key questions (see box on facing page) and chose appropriate experts to give evidence during the conference, which took place in Regent's Park on 2 - 4 November.

So when we, the audience, arrived at the conference to hear the questions, the lay panel, as one of them said, had been "living

and breathing plant biotechnology for the past 2 months." Each expert was given 5 minutes for their answer. For example, the first question was answered by a professor at the John Innes Centre, an employee of Zeneca Seeds (formerly ICI), a representative of Greenpeace and a representative of the National Federation of Consumer Groups. The fourth question was addressed by a professor of moral philosophy, an Anglican vicar and a representative of the Vegetarian Society. After the answers, the lay panel questioned the expert witnesses more deeply on the issues raised.

At the beginning of the conference all sides treated it as another platform for their propaganda, not as a genuine forum for dialogue with the public.

There was a distinct lack of consensus from the speakers answering the first question. Prof. Dick Flavell of the John Innes Centre conveniently ran out of time before addressing the risks of plant biotechnology. Dr Sue Mayer of Greenpeace could find no benefits outside the research lab for plant biotechnology. Both sides were attempting to use methods of disinformation; presenting conjecture as fact and trying to scare the panel with hypothetical horror stories. Dr Mayer talked of genetic pollution and transformed cereals becoming voracious weeds. Dr Ed Dart of Zeneca Seeds told us the world's population was set to rise from today's 2.4 billion to 12 billion by 2150 and thus biotechnology would be necessary to feed the world. (2150 is about seven generations away.) If the world cannot feed 12 billion people with or without biotechnology, then there will never be 12 billion people on the planet. And as another contributor said, "You can't feed the world with tomatoes and cotton" – the main crops being enhanced by biotechnology at present. Interestingly, Prof. Flavell and Dr Dart addressed the audience whereas Dr Mayer and Jill Moore of the National Federation of Consumer Groups



addressed the panel. The three professionals underestimated the intelligence and knowledge of the panel and they were punished for it in the panel's report. It was good to see that on the second day both the environmentalists and the industrialists softened and tried to persuade the panel using reasoned arguments.

The consensus from experts "in the ethics business" was that plant biotechnology was not a new moral departure, just a matter of degree; all agriculture is about transforming 'nature', all innovations lead to upheavals in society. Andrew Bond of the Vegetarian Society initiated a debate on whether animal genes are vegetarian or not.

Many of the panel members exhibited a strong concern for justice in dealings with the third world, as the report makes clear. "The International Community is called upon to balance the legitimate concerns of research communities who invest in [biotechnology] and the vast numbers of peasant farmers who maintain and protect the many local varieties of crops that are essential for the preservation of biodiversity." They also recognised the conflict

between making a profit and benefiting society. Towards the end of the conference the lay panel was asked whether there's a political will for useful, as opposed to profitable, research. Among their replies were a flat "No", "I hope against hope" and "Most of the work being done in the developed world is cosmetic. If you want to do really useful work you must go to the developing world."

Politicians were rightly absent from the conference except for William Waldegrave's substitute, Anne Campbell MP (Lab) and Lord Howie of Troon. (The latter is the Chairman of the House of Lords' Select Committee on Science and Technology enquiry into "Regulation of the UK Biotechnology Industry and Global Competitiveness".) They gave their views on the lay panel's report. The politicians' attitude was depressingly predictable: they stressed communicating to and educating the public, rather than consultation and dialogue.

Lord Howie gave us a typical politician's speech. He kicked off by insulting the panel, claiming the conference process will have little "ultimate value"

because it consisted of only two days' consultation and a report written overnight. In saying this he neglected the months of work the lay panel put in before the conference started. Next, he professed broad agreement with the lay panel's report and then detailed his dissent from all their main conclusions. The report expressed a strong desire for more control and information. At present, once the government has approved "deliberate release" of genetically altered plants, a company has no obligation to monitor the effects of the release. The panel recommended obligatory post-release monitoring. Lord Howie called this "a fourth hurdle that is not right." Fourteen of the panelists said they would eat food produced from genetically transformed plants. They also called for "clear meaningful labelling" of all products that have been genetically engineered, so that "the public can ... freely exercise its right to choose." Lord Howie disagreed with this too, saying that consumers would equate labelling with danger, as on cigarette packets. In so doing he showed his disdain for the public. Are politicians more qualified to make decisions about complex issues like plant biotechnology? They probably know a lot less than the lay panel now do. Unfortunately we cannot ignore Lord Howie's decisions, nor will we ever have the opportunity to vote him out of the Lords.

The panel strove for independence when writing their report. The opening statement said "We set the agenda of discussion, requested the relevant available experts as we understood them to be, evaluated their evidence to the best of our ability, and wrote the report with complete independence."

Given 16 panelists, the balanced tone of the report was inevitable. It perhaps summarises the evidence given to the panel without giving a coherent set of

The key questions the panel chose to discuss were:

- 1 What are the key benefits and/or risks of modern plant biotechnology?
- 2 What possible impact could plant biotechnology have on the consumer?
- 3 What possible impact could plant biotechnology have on the environment?
- 4 In your view, what moral problems are raised by plant biotechnology?
- 5 Why are patenting and intellectual property rights such a feature of plant biotechnology?
- 6 How can we ensure that plant biotechnology benefits rather than harms the developing world now and in the future?
- 7 What are the prospects for effective regulation of plant biotechnology?

recommendations. This was unsurprising given the extremely short time the panel had to compile the report. They adjourned to write it at 3.30 on Thursday afternoon and presented the completed version at 10 the following morning. In my view this devalued the rest of the conference. The report contained too many ambiguous statements and inconsistencies.

Will consensus conferences become "a new way of making decisions in the UK", as Anne Campbell MP hoped? In this country we have become far too dependent on an adversarial system of validating facts and making decisions. To move away from such systems, we must support working alternatives that allow a wide range of people to feel that they've been consulted, or at least, that their interests have been taken into account. That way we can all feel we have invested part of ourselves in our society. The conference has already partly succeeded by bringing together all the interested parties, and forcing them to debate intelligently. More success depends upon those in power making use of the report from this consensus conference and commissioning more conferences.

Copies of the report can be obtained from Imelda Topping, Conference Organiser, at the Science Museum Library. Tel: 0171 938 8241.

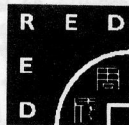
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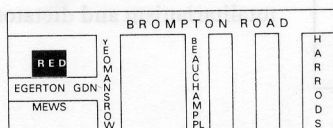
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E.	Buddha pot rice (vegetarian)	5.00
F.	Beef in black beans with wok fried rice and seasonal vegetables	5.00
G.	Special fried rice (prawn, pork etc.)	5.00
I.	Singapore noodles (prawn, pork spicy)	5.00
J.	Hot and Sour fish with wok fried rice and seasonal vegetables	5.00

Take away to your offices is also available



Criminal Justice

You saw the riots, read the tabloids and last week the Criminal Justice Bill became law. We explore what came to pass... and catch the Post Bill Blues

Three years at Imperial have made me realise that I'm not from a 'typical' student background (ie: avid socialism). Not having a long history of protests and marches under my belt, I haven't a clue as to what I'm heading into as I cross St James's Park on my way to the protest against the Criminal Justice Bill (CJB). The assembly is to be staged outside the Houses of Parliament while inside the final Commons debate to determine the Bill's future is in session.

The protesters come into view as I round the corner into Parliament Square. They stand in a huddled pack, safely contained behind police lines, just outside the entrance to the Houses of Parliament. Armed with my camera, I plunge into the forest of bodies and posters, bird calls replaced by the shrill cry of those ear-piercing 'rave' whistles. Every now and then two drummers begin a tribal beat to which the crowd instinctively chants "KILL, KILL, KILL THE BILL". An amazing cross-section of people stand shouting their opinions at the passers by (perchance politicians?). Young couples, old people, groups of students and even whole families — not to mention the crusties and other seasoned protesters lining the pen dedicated to their containment. Just for a moment they seem rather pathetic, sheep-like.

But to counter last weekend's catastrophe (the Hyde Park riot), the only way to regain public credibility is by fighting within the rules.

Presently an announcement over the PA calls for all lobbyists (not protesters, as I am corrected by a policeman) to make their way to Central Hall, where a mass rally is congregating. Several people resent being ushered along to the gathering. One guy shouts: "They're making us go to church and listen to lectures, we don't want to do that!" and, appreciating his sentiments, I abstain from the exodus. But eventually we go and re-group outside the hall on the pavement. Across the road two men begin juggling flaming torches. I dash to watch. This is much better than listening to a bunch of idealists preaching truisms! A sudden downpour helps quench the flames and tempers, then it's time to seek sanctuary. Central Hall is packed, including truisms galore! The last speaker ends in a crowd-exciting: "We cannot respect a law that does not respect the people!" The drummers issue their unmistakable cadence as Billy Bragg takes the stage. Half way through his



pious prose a fire-work sails through the air above him causing the fire-alarms to go off. A general commotion ensues, and the meeting comes to a premature end.

Outside, the road back to Parliament square has been blocked. A diversion directs the marchers down Great Smith Street. Somewhat confused, the march back to Parliament begins. The drum beat leads us like mesmerized children "Kill, Kill, Kill the Bill..."

Riot Police line the exits to side streets making it clear where the march 'wants' to go. In front of one line a woman walks back and forth playing a flute — the pied-peace-piper? Whatever her intention, opinions soon become apparent. A wooden log flies across the crowd hitting her square on the forehead. I am horrified. The flashes start blaring and in a split second the area becomes a press hive. I hide my camera, can't bare to think that I might belong to that bunch of parasitic vultures. Waiting for blood, enticing it. Time to catch the fading drum beat, our icon. We're steered back to Westminster but cut short of the entrance to the Commons by a police barricade — a stand-off.

The drummers set up a makeshift rave-unit and eventually, with a final defiant "Kill, Kill...", the majority of the crowd turn their back on the barricade and walk away. Only a bewildered, though resolute, few remain. They are allowed to walk to the entrance to the Houses of Parliament. But with only a couple of protesters remaining, the lobby seems to have been less than a rallying success.

During the evening Parliament passed the clause removing the right to silence. Had they been oblivious to the protest? Did we not shout loud enough? What good is a democratic system which makes a mockery of the only possible way to oppose totalitarianism and dictatorship?

David Cohen

CJB?JCB!

I cannot really call myself a roads protester. But last Thursday, on hearing that the Bill would be getting its royal assent that day, I joined a protest against the M11 link road, a protest which would be criminalized by the afternoon.

Wearing the yellow and black "CRIMINAL?" placard I was given around my neck and a solicitor's number scrawled onto my forearm I joined the people heading down to the building sites.

At the main site people had started using metal rods and girders as cymbals and drums. The rhythms, ragged with an insidious joy, made me feel like dancing in the middle of a work site. Spontaneous events like these are now impossible without breaking the law. Most of the locals we met were against the road, the exception being one woman who told us to go back to where-ever it was we came from. A little while later we bumped into someone who lived in the flat below, and he asked for one of the "CRIMINAL?" signs to put in his window — partly to show he was against the road and partly to piss off the woman upstairs!

We discovered that most of the security were happy enough to let us stop work, as long as none of their supervisors were around and the machinery didn't get broken. It got a bit silly at one point when there were just two of us perched on a JCB which was being "protected" by three security guards. The police kept quite a low profile throughout, most just blocking entrances, although at one point they did herd people playing music and dancing away from the area. The only other incident I heard of involved the police charging in and breaking *Tofu Love Frog's* instruments. (It has only just occurred to me that both the times that I know of police involvement that day involved music). As darkness fell the remaining protesters were dragged away by the security guards and dumped outside the site. I had seen no-one being arrested that day. I went there prepared to be and I still am.

Being a middle class science student in the third best university in the country it would be possible for me to ignore this law, but I would have to also ignore what is happening in this country.

Steve Hunt

The Criminal Justice Bill (now an Act of Parliament) has over 100 clauses dealing with matters as diverse as lowering the age of consent for homosexuals to the withdrawal of the right to silence. Despite the repetitive sensationalism surrounding the bill, to many the actual content is unclear. Here we outline some of the new laws that have caused the most controversy.

Right to Silence

■ A court can now draw inferences from a suspects' refusal to give evidence or cooperate with enquiries i.e. the suspect will no longer have the right to silence.

Trespasser assemblies

clauses 65 - 66

- These have made available an order banning assemblies likely to be held, without the owners' permission, which may result in "serious disruption to the life of the community".
- A similar order may be attained for public land if access is limited.
- The police are then allowed to stop and redirect anyone reasonably suspected of travelling to such a gathering.

Outdoor Festivals

clauses 58 - 62, 65 & 66

- An illegal gathering is classed as one of 100 or more people playing music "wholly or predominantly characterised by the emission of a succession of repetitive beats" at night, even with the owners' permission.
- the police have the power to stop and redirect anyone within a five mile radius whom they suspect may be travelling to the festival. It is a criminal offence to disobey a police order to leave. Sound equipment and vehicles can be seized and a court order attained for their permanent confiscation. Charges can then be levied to cover the cost of taking storing and destroying the equipment.

Travellers

clauses 56, 72 - 75

- These have revoked the caravan sites act of 1968 whereby local authorities had to provide adequate sites.
- It is now a criminal offence to ignore an order by a local authority to leave the area. If any damage to land is reported, or more than six vehicles are camped, it is a criminal offence to ignore a police order to leave. A magistrate then has the power to order the confiscation of vehicles and other possessions.

Aggravated trespass

clauses 63 - 64

- The tightening up of property laws now criminalises any form of trespass intending to disrupt any lawful activity or intimidate someone engaging in such activity.
- Disruption does not have to be proven, a crime is committed by intention. Disobeying a police order to leave is a criminal offence.

Police powers

clauses 26, 49 - 55, 76 & 77

- These have extended the powers of police to:
- take intimate samples (blood, semen, pubic hair and swabs from any body orifice) when investigating all recordable crimes.
 - take non intimate samples using 'reasonable force', regardless of relevance to investigation.
 - store sample information in a DNA data bank.
 - (if authorised by an officer of commander rank), stop and search vehicles, owners and pedestrians for a period of 28 days if "it is expedient to do so to prevent acts of terrorism". Subsequent charges can then be brought against anyone possessing "articles of a kind which could be used for a purpose connected with the commission, preparation or instigation of acts of terrorism".
 - lay criminal charges against anyone refusing to cooperate in a stop and search.
 - impose bail conditions in some cases in order to prevent the accused re-offending , refusing to return to custody or intimidating witnesses.

Squatters

clauses 67, 70 & 71

- Landlords may now initiate 'closed court' proceedings without informing residents. Only the landlord has the right to attend.
- An 'interim possession order' may be attained giving residents 24 hours to leave the property. Anyone subsequently found in the property is committing a criminal offence. It also allows violent entry by almost anyone with an interest in the property or those acting on behalf of such a person.

Art Work by Arron Froid

Opinion and Dissent

Non violent protests have always been an option for campaigners, usually where other forms of dissent have failed. It is in their very nature to disrupt "lawful activity" and "the local community" and protests outside embassies, schools and hospitals may now be considered illegal. The offense of aggravated trespass was originally drawn up to curb the activities of hunt saboteurs, demonstrating a government using laws to intervene in a subject that could be left to the individuals' conscience. At least, a society that allows such a pastime should condone non-violent protest against it. In any event, criminalising forms of protest will not necessarily eliminate them. If anything the Criminal Justice Bill will cause extremists to turn to more clandestine forms of protest.

The Bill addressed some of the issues that must frustrate the day to day workings of the police: young offenders beyond jurisdiction, bail re-offenders, uncooperative suspects and wasted court time. But just as it's absurd to assume that all criminals are victims, so it is naive to assume that all police officers are of the highest moral calibre and that they may not misuse the bills wording. One of the main criticisms of the Bill is its use of vague language: terms such as "disruption to the local community", "reasonable suspicion", "suspected intention". We might assume that petty charges will not be brought to court but can we really accept laws that are malleable to individual discretion? eg. the 'stop and search' procedures already in effect in the city have clogged up minor traffic offenses and the theory that terrorists may be changing their

tactics cannot justify the enormous frequency with which black people are detained!

The CJB has shown how the government has acknowledged fundamental failings in the justice system but has subsequently found scapegoats for the real problems. Not only are they pandering to cosmetic public opinion but fuelling the idea that to drop out, to have a different lifestyle, to disagree or to protest, is wrong and a danger to society.

Society hasn't yet got to the stage where a government can make it a priority to 'criminalise and convict' and where it can justify removing, as a criteria for law making, the prevention of the miscarriage of justice (ironically, the original aim of the cjb) or the assumption that you are innocent until proven guilty.

Isabel Castro

The Society for European Youth

Euro-skeptic or Euro-phile, you should read this: The EuroSoc is back!

Good news. The renewed and renamed European Society is up and running; it took us a lot of effort to first re-establish the society within the Union framework and then to widen its scope and enhance its merits by bringing new ideas in and continuing to support previous activities. We are now ready to present to the rest of the student body our lines of interest and activities for this term.

In last week's FELIX we had an article published about the second "Europe 2020" conference, which will take place in the University of Oxford from March 18th to March 24th 1995.

The structure of the conference is as follows : it starts with a welcoming team-building program on Sunday; and the following two days are spent on committee work. The first day theme will be "Europe and the Citizen", whereas the second day discussion comes under the "Europe beyond its borders" heading. Two major committees will deal with the above subjects, each divided into 9 subcommittees, each of them having one specific aspect of each subject to debate upon. High calibre speakers, such as Paddy Ashdown, Willy Claes (NATO Gen.Sec.), Sir Edward Heath, Michael Heseltine, etc. have been invited to address the participants

on both the subjects. At the end each committee produces a white paper, its opinion on the problem called to discuss, which will be presented before the General Assembly of all the delegates, and voted on. The application material must be sent to Oxford University by Thursday the 1st of December 1994 at the latest. The essays will be judged by an academic panel based in Oxford, who will recommend a list of candidates to be invited to the conference. Please feel free to declare your interest and don't worry about the subjects themselves, we work together on this and we'll make sure that each and every one produces a good essay and application.

B.E.S.T. : Board of European Students of Technology : a dynamic pan-european student organisation. Imperial College is very privileged to be its representative in the London area, i.e. the local BEST group. BEST involves nearly all the leading technical institutions (universities of Barcelona, Eindhoven, Lund, Trondheim, Bratislava, Budapest, Torino, Patras, Lisboa, Copenhagen, etc.) in a network of exchanging experience and information on technical and scientific issues. Within BEST and by means of it, students enjoy the advantages of widening their educational perspectives by

looking at other peoples' methods and problems, coming in contact with Industry on an international level, learning to communicate and work effectively with other fellow Europeans, travelling on limited expense and really so much more. Last year we nearly lost all these due to the fact that the previous European Soc remained inactive for most of the year. As said previously, this year we are making a fresh restart; we need more people to develop our local group, to make our voice heard to the rest of Europe. We are thinking of organising a summer course next summer. In the mean time those who will put effort into it and can afford to take some time off will get to be sponsored and travel to meet with people from other local groups and share views on e.g. how to shape future engineering education, and go on in the summer to do a summer course somewhere in Europe.

We meet in Chem. Eng. building, Lecture Theatre 1 at 13:00 each Monday; if you really like to travel, to meet fellow Europeans, to find out what opportunities are there for you, this is your society. For more information e-mail us at kh@ee.ic.ac.uk or b.albinana@ic.ac.uk.

We hope to see you soon.

The Acting Committee

Imperial College Film Society Presents

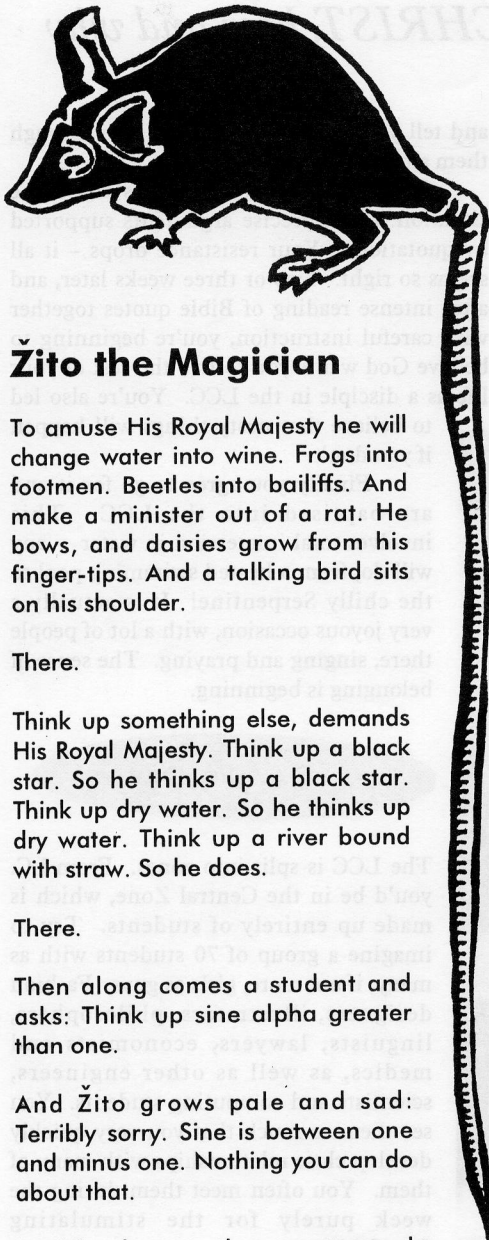
<p>Sat 12th At 8pm</p>	<p>BILLY CRYSTAL DANIEL STERN JON LOVITZ JACK PALANCE</p> <p>CITY SLICKERS II.</p> <p>"THE FUNNIEST MOVIE OF THE YEAR!" <small>- Rod Lurie, LOS ANGELES MAGAZINE</small></p> <p>"THE LEGEND OF CURLY'S GOLD"</p>	<p>Sun 13th At 8pm</p>
<p>Sat 12th At 11pm</p>	<p>From the creator of 'Reservoir Dogs'</p> <p>christian slater patricia arquette</p> <p>A TONY SCOTT FILM TRUE ROMANCE</p> <p>©1993 Morgan Creek Productions, Inc. DISTRIBUTED BY WARNER BROS. A TIME WARNER ENTERTAINMENT COMPANY</p>	<p>Doors open 15 mins before time stated. ICU Cinema is no smoking but drinks from Da Vinci's bar are welcome. E&OE; ROAR</p>
<p>Schwarzenegger</p> <p>When he said I do, he never said what he did.</p> <p>TRUE LIES</p> <p>©1994 TWENTIETH CENTURY FOX</p>		<p>Thursday 17th At 8pm</p>

£10 Buy an ICU Film Card and save 50% on 94-95 Entry. You get your first film free but bring a passport photo.

£1	Film Card Holders	£2	Other IC or ULU students and staff.	£3	Accompanied guests and students who cannot show union/swipe card.
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"The barbarians are of course the scientists" *

graphics and words by Jon Jordan



Žito the Magician

To amuse His Royal Majesty he will change water into wine. Frogs into footmen. Beetles into bailiffs. And make a minister out of a rat. He bows, and daisies grow from his finger-tips. And a talking bird sits on his shoulder.

There.

Think up something else, demands His Royal Majesty. Think up a black star. So he thinks up a black star. Think up dry water. So he thinks up dry water. Think up a river bound with straw. So he does.

There.

Then along comes a student and asks: Think up sine alpha greater than one.

And Žito grows pale and sad: Terribly sorry. Sine is between one and minus one. Nothing you can do about that.

And he leaves the great royal empire, quietly weaves his way through the throng of courtiers, to his home in a nutshell.

taken from 'The Dimension of the Present Moment', M.Holub, (available from the Haldane library 891.86 HOL)



The discourse which has occurred between poets and scientists has not been voluminous.

Yet it has displayed certain characteristic traits. Prior to the Newtonian revolution there was a commonly held view that both the poet and the natural philosopher (as the scientist was then termed) were engaged in the same sort of world. Just as natural philosophy concerned itself with such ideals as the mysteries of life and alchemy, both of these programmes being linked by an underlying belief in the unity of nature, so the poets dreamed within the same paradigm.

It was in the wake of Newton that the break was made. The poet Samuel Taylor Coleridge made this explicit with his famous comparison: "I believe the souls of five hundred Sir Isaac Newtons would go to the making up of a Shakespeare or a Milton".

It is interesting that Coleridge was not 'anti-science'. Indeed he maintained a friendship with Humphry Davy, amongst other prominent natural philosophers of his day.

Rather Coleridge was critical of the change of spirit that Newtonianism brought and to a great extent this is the situation that remains today.

Paradoxically, however, the stereotypical view of scientists is that 'it is obvious that science and poetry are synonymous'. Obviously few suggest that the disciplines are the exactly the same but the consensus view amongst scientists is that they are as good at doing poetry as anyone else. In fact when it comes to scientific poetry it's true that scientists are the only poets. Plugging into CP Snow mode, when 'we' are doing a poem about the second law of thermodynamics, say, both the writing and understanding of the resulting opus is limited to scientists as no-one else even understands the underlying concept involved!

It was with such thoughts in mind that I ventured to the bastion of artiness that is the Institute of Contemporary Arts (ICA) for a lecture called 'Transfusions: science into poetry'. Of the three speakers only one resonated. His name was Miroslav Holub.

Miroslav has had a varied career, as always seems to be the case with such people. An early training in greek and latin lead on to the study of medicine, philosophy and history of science and pathology. He became the editor of the Czech equivalent of *New Scientist*, an international expert in the immunology of 'nude mice', the author of fourteen books of poetry and also gained the political stature of someone who was a

'non-person' between 1970-1980,

thanks to the Czech government. So if anyone

is a good example of the two culture in one, it is Miroslav.

Perhaps the most surprising phrase he uttered that entire night was "science corrodes the soul of the poet".

As a stand alone item this is an extremely provoking statement but what does

it actually mean? In

personal terms Miroslav recognised several differences

between science and poetry.

For example scientists don't use as many different ideas and words as poets. Scientists don't deal with personal issues in their work - instead they stick to universal concerns. Scientists don't answer useful questions, only solvable ones. In this way you can not be a (good) poet whilst acting as a scientist. There is a duality in roles.

Perhaps this is made more clear by the poem on the left, *Žito the Magician*. As Miroslav comments, "in the use of words and statements poetry and science move in different and opposite directions". They are not concerned with the same things so we should not attempt to make them so.

The final lecture in the ICA series, 'Taking the pulse: poetry examined' is held on the 23rd of November at 7.30pm, box office 0171 930 3647.

* Miroslav Holub

immunologist [of mice] and poet [of men]

Beware! London Church of Christ

On some campuses they're banned. At King's they've even been known to get beaten up. Who are the LONDON CHURCH OF CHRIST, how and why do people join, and what does membership involve?

Every Sunday afternoon, 1500 people meet in a hall somewhere in London. There is a huge variety of people from many racial backgrounds. Over 90% are less than 30 years old. For as many as 400 this is the first time they've been. Among those who have been before there's an excited buzz; eager expectation for the service to begin.

At the front there's a stage with microphones and big speakers; suddenly, to loud applause, 4 guys and 4 girls enter. They are the song leaders and, following their instructions, the congregation comes alive to fill the room with song. Forget traditional hymns; this is jazzy, funky music with rhythm and energy. For the next 2 hours there'll be more songs, bread and wine, fellowship and preaching the Bible. This is the London Church of Christ, or LCC.

In 1982 a tiny group of people came from Boston, USA, to spread the Boston Church of Christ (itself a break-away from the orthodox Church of Christ) into Europe. They formed the LCC.

The foundation of LCC teaching is the Bible and every member has at least one copy. Through regular sermons and one-to-one instruction, new members soon have guidance for all aspects of life with a selection of Bible quotes forming the core doctrine.

At an early stage they also mention one of the most controversial aspects of life in the LCC. Each member is expected to give 10% of their gross income to the church. This, they say, goes to the considerable running costs of a church with 1100 members and 30 full-time staff, and also to charity activities in Africa and India.

IN THE BEGINNING

It's early in the first term. You're in the JCR, still a bit bewildered. You're queuing for food and someone starts chatting to you. They're friendly and you talk about study, sports, whatever. After a while they invite you to a sports event or maybe a Bible discussion or just to go for a drink sometime.

You agree, and when you next meet, or even in the first encounter, the conversation quickly turns to religion. Before you know it they've got a Bible open before you and are showing you verses that indicate you're not actually a Christian, even though you thought you were.

Having worked during my gap year and then been on an expedition to a remote, mountainous rainforest area, ending in my



Photo: Matt Parkes

being offered a place as an assistant expedition leader on a future expedition, I didn't consider myself as having a weak character. If you think you're the same, don't be fooled.

Sometimes there's two or three people with them and one of them always finds a quote to quell any protestations or disagreements you have. During the next few hours you see your beliefs of the past 20 years crumble away. You're numb by the end of it and hardly realise you've agreed to meet them again. They've written all the quotes down

and tell you it would be useful to go through them alone.

When you meet again it's the same situation: clear, precise arguments supported by quotations. Your resistance drops – it all seems so right. Two or three weeks later, and after intense reading of Bible quotes together with careful instruction, you're beginning to believe God wants you to live the rest of your life as a disciple in the LCC. You're also led to believe that nasty things will happen if you don't.

Finally you agree to go for it and are baptised into the LCC. This involves total immersion in water – any will do, from a heated swimming pool to the chilly Serpentine! It is actually a very joyous occasion, with a lot of people there, singing and praying. The sense of belonging is beginning.

DAY TO DAY

The LCC is split into zones. From I.C. you'd be in the Central Zone, which is made up entirely of students. Try to imagine a group of 70 students with as many, if not more, girls as guys. Fashion designers, illustrators, philosophers, linguists, lawyers, economists and medics, as well as other engineers, scientists and computing students. You see them so much that you very quickly develop close relationships with many of them. You often meet them during the week purely for the stimulating friendships.

Tuesday evenings are taken up with the 'zone meeting'. This is a time to socialise but mainly involves listening to a sermon, or 'message'.

On Fridays you regularly meet in someone's flat, developing these friendships. You go for drinks, watch films or play sport; invariably a 'message' is included.

Saturday evenings are a time for dating – within the LCC. Group dates are the most common, ranging from seeing a film to going on day returns to Paris. This raises an interesting point – you are basically destined to marry someone from the church!

The focus of the LCC week is the service on Sunday afternoon. Imagine the buzz that I described earlier being enhanced by the presence of such close friends.

At the beginning I also said that there are as many as 400 visitors. This is not by chance. A very significant aspect of LCC life, and one I know many of you have experienced personally, is evangelization. LCC's belief is that we should live exactly in the image of Jesus' disciples. Jesus expressly commanded that they go and make other disciples. LCC are persistent because they believe you can only be a disciple if you are baptised into a church of disciples – and they would indicate the LCC.

There are also daily aspects of life in the church. Each weekday morning you meet someone else and pray together for about an hour. You are also expected to read the Bible for about 1/2 hour a day and this, combined with everything else, makes life in the LCC very intense.

THE DOWN SIDE

An artillery barrage of criticism and questions perpetually surrounds the LCC. This has a profound effect on you if you're in the church.

My life polarised. On the one hand I had family, friends at IC, people I'd never met before, leaflets, the national media and my own concerns telling me to GET OUT. On the other, I had the close friends I deeply

LCC, one of the largest Christian cults in London, believe they are the only true church. They use psychological and emotional pressure to distort the relationship between church and individual, enslaving their disciples. The LCC consider baptism within their church essential for salvation.

Don Adlington, the Student Counsellor (x49430), can advise on the various organisations existing to help people leave cults.

valued saying STAY IN. I often felt totally alone and isolated because there was no-one who was neutral and understood what I was going through. I was torn apart inside between "Stay in? Get out?" It was emotional torture.

It is also very difficult for your family who, wanting to protect you, cannot understand why you don't leave.

Financially it is not good either. This, in fact, is not really due to the 10% 'contribution', but to the day-to-day costs. Tube fares, and eating out because you don't have time to cook, are just a couple of ways the money trickles away.

Let's just put things into perspective and remember that behind this intense lifestyle is a minor detail: your degree. The demands on your time undeniably conflict with study at IC. This is exacerbated by the

emotional stress you are under.

This was the situation I was in. Emotionally stressed, falling behind with coursework, financially drained and haunted by the question I couldn't answer: "should I stay or should I go?". The final straw was my end of year mark, which was, to say the least, on the razor edge between pass and fail.

OK, so what if you decide to leave? Firstly the idea scares you because you have become dependent on the friendships. Secondly the LCC will make it very difficult. They have a juicy selection of quotes to instill guilt and a fear of hell-fire and damnation. Any point you raise they can flatten.

The only thing to do is cut yourself off. When you do, you and your family receive persistent phone calls. People even travel across the country to see you, believing Satan has twisted your mind away from God. This also illustrates the tragic side of involvement, because these people are quite simply the friends you have made, who have come to depend on and value your friendship – bonds that are cruelly lacerated.

In summary, life in the London Church of Christ is in many ways happy, stimulating and refreshing, but, in many more, sad, confusing and disruptive.

My advice if you're approached? To quote Soul II Soul:

"Keep on movin' ..."

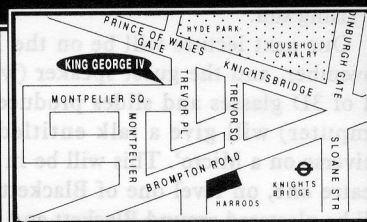
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Who: **icsf**

What: **Dark Star**

Keys: **Alien, Bombs, Parody**

On Tuesday November 15th at 7.00pm, IC Science Fiction Society will be showing *Dark Star* in the Union Concert Hall.

Dark Star is a cult classic, originally made as a student film by the since-prolific John Carpenter and Dan O'Bannon, the man who went on to write 'Alien'. It tells the story of the titular ship 'Dark Star' with its sexily-voiced computer and aded crew, whose job it is to locate unstable suns and nuke them before they go nova. The problem is, the bombs which they use have personalities and when one is forced to return to the bomb bay due to an electrical fault, it doesn't see why it shouldn't just go ahead and detonate anyway. Wrapped into this are subplots involving deranged elevators, the ship's dead captain kept in stasis in the freezer compartment, and an alien pet which kind of resembles a beachball with rubber claws.

Although the film's student short origins and low low budget are very evident, it remains the finest SF parody on film due to its oddball humour and moments of pure genius; watch the existential conversation with the stropky bomb, or Sergeant Pinback (who's not entirely who he should be) berating the 'cute' alien with a broom and call me a liar.

Entrance is £1.50 for members or £2.00 for non-members. Membership for the year is £3.00 with the first film free, and also gives you use of our library of 3000 books, videos and graphic novels. For further information on icsf please see <http://www.ph.ic.ac.uk/moontg/> on the WWW or email icsf@ic.ac.uk.

Who: **Film Soc**

What: **A Truly Bumper Week**

Keys: **Arnie, Lies, Slickers**

Well, this week at Filmsoc we offer you the chance to see four (count 'em), four films. Included in the line-up is one of the year's biggest films with one of Hollywood's biggest stars. Yes, you've guessed it, Arnie and *True Lies* arrive at the ICU Cinema. It's an 8pm start on Thursday 17th but remember, doors do open 15 minutes earlier. Our week however kicks off on Saturday 12th, with one of our famous double bills.

At 8pm you can follow the legend of Curly's gold in *City Slickers II*, watching Jack Palance team up again with the cast that helped him win his Oscar. If you then wait till 11pm you will have the good fortune to catch a little gem of a film, *True Romance*.

This film has yet to grace the small screen, but there is no excuse for missing it on the big screen and Quentin Tarantino's writing never fails to shine. The fourth film is on Sunday at 8pm, with Christopher Lambert starring in *Fortress*. Lots of action that will set your blood pumping.

Who: **Astro Soc**

What: **Plug for Astronomy**

Keys: **Telescope, Dawn French**

Picture this. A clear, moonless night sky. A great panoply of stars shine like gimlet eyes above... above a garden behind an otherwise anonymous house. Shrouded by the night, a clock chimes thrice as half a dozen anorak-clad figures mutter excitedly about the luminosity of the Pleiades while performing what could best be described as a cross between a Mancunian rain dance and a mosh around a telescope.

This is not a satanic ritual. This is not some form of teenage rebellion. This is not even a very low key protest against the criminal justice bill. These are people who have chosen to take an interest in what lies beyond our home planet; in astronomy. Believe what you will, but astronomy/astrophysics can be a fascinating subject. Yes, it is true that at times it's heavier than the offspring of Russell Grant, Dawn French, and two dozen boxes of Milk Tray – but it can, and does have its moments.

It must have. Some very interesting people in the media have based their fame on their work in this field – Patrick Moore, Carl Sagan, Isaac Asimov, and Arthur C Clarke, to name an obvious few.

So at last, we come to the point of this text. It's a plug for AstroSoc. The Astronomical Society caters for those who like to show off that they've spent many a Friday and Saturday night memorising the classification of every star visible to the naked eye; as well as the less zealous who are just generally interested in the subject.

AstroSoc usually holds at least one lecture every fortnight, as well as the odd trip to places of relevant interest such as the planetarium at the start of term. Demand allowing, we would also like to organise a weekend trip to the Silwood park campus, whose telescope can offer us a superior view of the stars and whose bar can offer us a rather hazy view of the rising sun.

Our next lecture will be on the 15th of November, and the guest speaker (with the aid of 3D glasses and slides produced by a computer) will give a talk entitled, 'The Universe on a Micro'. This will be in lecture theatre one, on level one of Blackett. Signs will be plastered around Blackett and Huxley for the directionally-challenged.

Lectures we have planned for later in the

year include the talks, 'The Search for Extraterrestrial Intelligence', 'The Voyager 2 mission at Uranus', and one about the existence of UFOs. We are assured that David Ike will not be mentioned, nor will little green men wielding casio keyboards playing the theme to 'Close Encounters'.

Annual membership is a measly one pound. To join or just have a chat, simply turn up to any of the lectures.

Who: **Outdoor**

What: **Peak District**

Keys: **Cream Teas, Climbing**

Late at night on the tube; the beggars are asking each other for 20p and the crazy man in the corner is trying to convert you to his religion. Haven't you ever felt the urge to get out of London for the weekend? To go where Kamikaze Mercedes are rarer than a cheery smile from the staff in Sainsbury's?

On October 21st, 16 people headed North in search of adventure... or at least a reasonably-priced pint. Pausing only for the usual Edgware Road jam, we were eventually speeding our way towards the Peak District.

Our accommodation for the weekend was a village hall and it was here that the normal Saturday morning faff occurred as we looked out to see low clouds and rain. Three mountain bikers set off on a 30 mile jaunt across the hills, whilst the remainder went climbing, half outside chancing the wet conditions and half at an indoor climbing wall in Sheffield. A highlight of the day's climbing was watching Olivier leading up a Severe rock climb which might more reasonably have been called a small waterfall.

After our evening meal we adjourned to the pub across the road, which unfortunately showed no signs of closing at eleven – it's a hard life! Sunday gave the less adventurous a chance to go walking (to a cafe for a cream tea) whilst the die-hard rock climbers visited Stanage Edge. The rock was initially quite damp but thanks to a raging gale it was soon dry and we enjoyed some good climbing, if a little windswept at times. The evening brought the London-ward rush with thoughts of Monday 9.00am lectures resurfacing after the excellent weekend.

So if you're into walking, climbing, mountain biking or cream teas then come along and see us. New members and total beginners are always welcome. You can come on one trip before deciding whether to join us or not. Coming up is a weekend in Snowdonia (Nov 18th – 20th) one to the Lake District (Dec 2nd – 4th) and the winter tour to the Cairngorms in Scotland.

You can sign up for trips or find out more at the weekly meetings on Tuesdays from 12.00pm till 2.00pm in Southside Lounge.

Who: Overseas

What: Foreign Affairs Part 2

Keys: Benelux, Disco Night

First of all, I would like to thank FELIX for the coverage of the first Chairman & Treasurers' Meeting of the Overseas Students' Committee (OSC) in issue 1009. Some important points were raised in the article and here I shall clarify the present state of the OSC, and also give a short report on what we've been doing and what we are planning for the future.

This year the OSC started off with just one elected member of the executive committee, the Chairman. This was due to the elections being held during the exam period of the summer term. Fortunately, by the first week of this term people interested in the OSC (who later became members of the committee) volunteered to help out. This made it possible for the OSC to hold a stall during the Fresher's Fair and deal with all urgent matters. The new elections took place on the 19th October and although there was a low turnout, most of the committee posts were filled. By having the elections so late in the first term we enabled freshers to stand for posts, something which was impossible in

previous years. We now have a full committee of 12 elected members, holding all available posts.

The 'Overseas Disco Night' was organised jointly with Ents and happened on Friday the 4th of November. This was actually an improvement over previous years as the Union was used instead of the JCR, so there was a band and a long bar extension. Overseas students that were members of a society (i.e. had paid their membership fee) went in for free as the event was fully subsidised by the OSC, whilst non-members had to pay £2. More than a hundred overseas students took advantage of this and it seemed that everybody had a great time, as both the band and the disco were quite different from what we are used to getting in the Union. It was a great opportunity for international students (and freshers in particular) to meet and communicate with British students while having a good time. Finally, overseas societies were able to recruit more members as the advantages of paying a small membership fee were immediate.

Well, that's all gone so what's next? Coming up next is the start up of at least two new overseas societies - the Benelux Society and the Italian Society - which will receive a grant from the OSC as soon as all the little details are dealt with. This will increase the number of overseas societies in IC to 23.

The OSC is also investigating the possibility of creating a National Committee for Overseas Students. Contacts with ULU and NUS (National Union of Students) have been made and results of preliminary talks are more than satisfactory. If this actually works, it will be a major step in integrating students from around the world, and particularly European Students and things like 'real certificate equivalence' will become possible, and IC will receive credit for this as it will actually have originated the OSC.

The next big event is the Overseas Week where all the overseas societies (hopefully including the two new ones) will have the opportunity to promote and educate others in their cultures by holding stalls in the JCR.

If you want to find out more about any of the above contact the OSC through our pigeonholes (OSC Exec.) in the Union Office.

Articles for Xtra Curricular

If you would like an article to be included in the Xtra Curricular section, please bring it along to the FELIX Office. The article must be submitted on the Friday before the issue is due to come out, and preferably on disk. Articles with pictures will take priority over those that don't if space is limited. If your article is more than 300 words then you must give advance warning.

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DEPUTY PRESIDENT (Clubs & Societies)

Report to UGM
by Ian Parish

Keys

I am looking into getting the whole building re-suited on new keys. This was meant to be done about 2 years ago but has not been. I am in negotiations with College Security about the cost of the new system.

Rooms

After the Bar Managers Flat had had new locks fitted, RAG came up with a proposal that the room they were meant to move to was too small. It was discussed and passed at an Exec meeting that RAG would move into the existing Clubs & Societies store room behind the Union

Dining Hall. The storage lockers would be moved into what was meant to be the RAG room in the Flat and the existing Jazz and Rock room in the basement of Beit. These moves will be taking place when sufficient discussions have taken place with the Societies involved.

The Princes Mews Garage space problem is being looked into by a working party chaired by Dan Look.

World Wide Web

As the Events and Marketing Manager is leaving the Union I will be responsible for maintaining the Unions www pages. These are still under construction at the moment but will, hopefully, be operational by next term. Most of the Clubs & Societies now have e-mail accounts and I am waiting for them to see me to open the accounts. Clubs & Societies will have to wait before creating www pages. This is due to College currently working on a College-wide policy on students having their own www pages. The results of this committee, which I sit on, shall be known in January.

Sports

We are now nearing the end of the Block Fixtures and within two weeks I will know which of the Imperial College teams have made it into the next round. College have appointed a new Sports and Leisure Manager, Frank Murray. His brief is to develop a College Sports Strategy. College can not claim money from the National Lottery unless it has a Sports Strategy. Frank has worked in Universities before and is very keen on student sport. We shall wait and see how his new job works out.

DEPUTY PRESIDENT (Finance and Services)

Report to UGM
by Dan Look

Treasurers Training:

These first few weeks of the year have been very busy for myself and the Union Finance Manager as we have been training all the Presidents/Chairs/Treasurers in the ways of the Union's finances. This has more or less been completed, with the Treasurers of all the MSC/CCU's now happily (?) installed in their positions.

Union Finance Committee:

Since the last UGM the first UFC meeting of term took place where the two main items of business were the "trimming" of the Union's reserves and the review of our subsidy rates. Both of these items need to be concluded in some way at the next meeting (November 10th), I will report the decisions made after this time.

Refectory Services:

This committee has met once already this term where a policy stating that "strippers are prohibited from public places within the Union" was agreed (as reported to Council). The Committee meets again on November 14th to discuss the annual accounts for last year. I shall report verbally on the outcome.

Bookstore Committee:

This committee has also already met once this term where the performance of the new Newsagent was discussed. Although still an early stage in its life it appears to be doing very well, pushing total sales well above last years level. This committee will also meet on November 14th to discuss last year's accounts, again I shall report verbally on the outcome.

Minibuses:

It appears that any standard driving licences issued after 1 July 1996 will not be a licence to drive vehicles with over 8 passenger seats. This will clearly fundamentally affect the operation of our minibus fleet. I am still in the process of trying to get more information.

Accommodation:

I have had some meetings with College over accommodation related matters but to be honest that's about it. The main problem being very limited feedback from the student population. This either means that our halls of residence are near perfect or that people are not aware of the fact that the Union may be able to help with any complaints. If anybody has any comments or queries concerning accommodation please get in touch.

PRESIDENT

Report to UGM
by Lucy Chottia

Constitution

The amendments passed at the last UGM have been made. The revised Constitution is now available from the reception desk in the Union office. It will be submitted to this UGM for its second reading.

Academic Affairs

Council met on the 1st of November. It agreed to my rewriting the Academic Affairs Constitution with the assistance of the Constituent College Union Academic Affairs Officers. I will be meeting with them on the 9th November to discuss the structure the Academic Affairs should take in the future. I will inform UGM verbally of the outcome of this meeting.

The Russell Group

On the 10th October I received a telephone call from the LSE General Secretary, Martin Lewis. He informed me that there had been an article in the Observer newspaper stating that the vice-chancellors of 9 Universities and Colleges had met in the Russell Hotel to discuss forming a separate fee paying Super-League. He suggested the Union Presidents for the 9 mentioned institutions meet to pool ideas.

On the 17th October the Union Presidents of UL, Manchester, Cambridge postgraduate Union, LSE and IC met. Nothing was concluded except that they should meet again.

On the 20th October I met with the Rector. The Rector assures me that there is nothing sinister about the Vice-Chancellors meeting and that they are not thinking of forming a Super-League. I was also told they meet as representatives of the large research based institutions in order to lobby the Government as a group.

On the 1st of November the Unions again met and talked at great length with little result.

Job Agency

College at present need various part time staff for cleaning and reception type jobs. These staff are needed to work during the evenings. A number of students need work. The Union is therefore setting up an index of students who need work. The idea being that College use these people rather than seeking employment externally. The Estates Division appear to be in some confusion as to what work they actually have available. The Union has therefore contacted all Heads of Department, CAD and Registry informing them that we have students available for work.

Training

Over the summer the incoming Union Officers went on a training weekend at Silwood. The

weekend was though very useful by those who were able to attend and it was agreed that it would be useful to extend the Union training.

This point was put to College. As a result of which Kim Everitt (Training and Development Manager) has agreed to fund two one day courses for the Union Officers who have regular meetings with College.

The first of these took place on the 22nd October. Those who attended agreed that the course was very useful and suggested that next year it be expanded to include all members of MSC and CCU executives.

Louise, the Union Finance Manager, also organised finance training for all those who can authorise expenditure over £100. This took place on the 1st October.

Welfare Week

I am also organising, with those officers of the Union involved in welfare of various types, a Welfare Week. This will involve a number of stalls both in Sherfield and the Union building and evening events. If anyone is interested in helping to organise this week please get in touch with me.

Personnel

Finally Sam, our Events and Marketing manager will be leaving the Union at the end of November. His post has been advertised in both the national and SUSOC newspapers and interviews for the posts will occur soon.

Motion to UGM proposed by Chris Barry

Imperial College Union Notes:

1. There are around 7300 students in I.C.U.
2. Not all students want to attend events organised by the entertainments committee.
3. At all events, the Entertainments Committee charges for access to "Beit Quadrangle", "Da Vinci's Bar" and "The Union Bar".

Imperial College Union believes:

1. Students wishing to use "Beit Quadrangle", "Da Vinci's Bar" and "The Union Bar" should not be charged if they do not wish to attend these events.
2. Students wanting to see the events organised should pay entrance fees.

Imperial College Union resolves:

1. Not to charge students an entrance fee for use of "Beit Quadrangle", "Da Vinci's Bar" and "The Union Bar".
2. To continue to charge entrance fees at the events organised by the entertainments Committee in their respective venues.

Imperial College Union instructs:

1. The Entertainments Committee to charge entrance fees to the events which they organise at the entrance to their respective venues alone, leaving "Beit Quadrangle", "Da Vinci's Bar" and "The Union Bar" open for the benefit of all I.C.U. members when these venues have not been booked.

UGM Agenda

- Minutes of the last meeting
- Election of the Handbook Editor & Welfare Officer
- Deputy President (Finances and Services) report
- Deputy President (Clubs and Societies) report
- Presidents Report
- Motion on Fair Trade Products
- Motion on Bar
- AOB
- Date of next meeting (provisionally 9th Dec.)

WANTED: HANDBOOK EDITOR
(preferably alive)

Remember the diary thing you got at the beginning of term? Or the clubs and societies directory? Together these constitute the **ICU handbook**, pillar of society and invaluable aid to man and beast alike. If you feel you have the requisite skills to horsewhip next year's issue into shape, the time to do so next summer and want the money, then this if for you. Papers are up opposite the union office; the post is to be elected at UGM on Fri 18th.

Union general meeting
union general meeting
union general meeting

to be held on: **Friday, 1:00pm, November 18th.**
Venue: **Union Lounge, Union Building, Beit Quad.**
It will include the second reading of the new constitution, **discuss Friday night entrance fees to the Union** and any motions given to the president beforehand.
all welcome

heartstrings and bangs

Okay, let's get one thing straight. The Alarm were a great band (a statement which should exterminate any street cred I possess). And after seeing ex-frontman **Mike Peters** at the LA2, you can be sure that he's now at the helm of another great band.

So what's great? Try honesty, commitment, passion and, of course, those songs – Dylan, the Stones and the Clash welded into heartfelt anthems. Aply backed by his band, **the Poets**, Mike treated his army of dedicated followers to an unceasing torrent of gems from his debut solo album, *Breathe*, as well as an ample selection of past classics. Perhaps it was telling that it took 'Where were you hiding when the storm broke', from 1984's 'Declaration', to really ignite the crowd but from then on everything was ecstatically lapped up. Gentle, haunting songs like 'Levis & Bibles', punchy, angry sounds of intent like 'Back into the System' and even an acoustic medley combined to fill our hearts with joy. I could spout superlatives for a whole page but then I don't have that much space.

So, let's just say that if live playing is still seen as a true test of whether a rock band can really cut it, and if honesty is still held as a virtue, then Mike Peters deserves your attention – now.

Queensrÿche have often been described as the thinking person's heavy metal band. If you're not convinced or just don't know, then one spin of their fifth album, *Promised Land*, should do the trick. Not that you'll like it after one spin. No, because thinking person's music means complex arrangements, strange time signatures, seemingly odd instrument mixes and most of all, the need for patience. Thank goodness that patience decided to pay me a surprise visit for this album because it's worth taking the time over.

There aren't many bands who can plunge you headlong from the sound of a baby being born ('9.28am') into an Eastern-flavoured, Zeppelin-style rock piece ('I am I') and leave you wanting more. There aren't many bands who with one hand can paint paranoid soundscapes around a menacing, rolling guitar riff ('Damaged') and then with the other hand guide you gently through the pain of not having a proper father-to-son relationship in an emotive, acoustic setting ('Bridge'). And there certainly aren't many bands who can mix heavy guitar, background spoken word

sections and rhythmic, saxophones into an eight minute title track and prevent it from turning out a disaster! So, if you're a thinking person and you don't like heavy metal...you work it out. (7)

After several false starts, **Terrorvision** finally sauntered onto stage and launched into an altered version of 'Alice what's the matter?', the current single. Their guitarist managed to create a much more roomy and capable sound than both the support bands had previously done. In songs like 'My




House' and the inspired 'Pretend Best Friend' he really shone through. Terrorvision's songs are well written, memorable and with their obvious talent it's easy to see why they have earned so much praise from a usually apathetic music press.

Their usual laid back approach and ability not to take themselves too seriously was marred by the appearance in 'Middleman' of a ten piece string section in evening dress, complete with conductor. This was a little o.t.t. and pompous, and it would be shame if Terrorvision followed so many bands into self-indulgence. Apart from that however, it was a seriously good gig from Bradford's finest. Roll on the next album.

The new **Front 242** album, *Live*, is less techno and more back to the original industrial roots of the band. The authentic power tool

sounds that are synonymous with live industrial music are all here, though whether these are being played live or come off a tape is debatable. (Few venues will allow such performances these days after hearing horror stories about the stages collapsing after being cut to pieces by over enthusiastic power saw wielding industrial bands.)

This cd is a very good proposition for existing 242 fans. With dates cancelled in the last UK tour this could be the only chance that some of them will get to hear the band live. If you're not familiar with Front 242, or industrial music, then I wouldn't recommend this release; go out and buy one of the mainstream albums and lose yourself in the gorgeous multi-layered noise that Front 242 have perfected over the last decade, then think about buying this. (7) 

THE MENU



Vik loses his credibility to **Mike Peters** and then wanders off to see **Queensrÿche**, **James Thomson** does **Terrorvision** before **Andy Thompson** closes up shop with **Front 242**.



Ab Fab Fiona continues her one woman quest to give you the best in clubland entertainment. This week she takes a wrong turn at **Bar Rumba**, but meets someone nice anyway...



No picture this week but the miscreant is named as ever. Take them all away – **Shaoloong Yin**.



Patrick Wood gets REM with James Spader in **Dream Lover**, **Magpie** continues his London Film Festival quest with **My Life's in Turnaround** and **tintin** checks out **Flesh and Bone**.

queuing

Bar Rumba (36 Shaftesbury Av) is one of the better club venues in town. Situated just next door to the Trocadero, late night travel and munchies are easily found. After a minimal £3 entrance fee beers are £2.40 and shorts range from £2 upwards.

In the past it was a favourite night out for me, but this time perhaps my expectations spoiled the club. Don't believe the flyer's description of Funk-the-music. Here is Trip hop and I hated it. (Trip hop is a fusion of just about everything; house, funk and hip hop, and nobody dances.)


However having live jam sessions in between the DJ's sets was an inspired decision by the promoter and her inspiration didn't leave her when she chose **Ike Leo** to head up the music that evening. Sadly the Bar Rumba crowd has changed and even Ike's excellent double base plucking didn't have people moving. But all this is just opinion. The place is rammed wall to wall every Monday, so it can't be just the DJs that like standing still to music.

There is nothing better than live, improvised funk for moving the soul as well as the feet. So for all those who need therapy, here's Ike's guide to live clubbing:

Iceni (White Horse St) on Wednesday and Saturday.

WKD (18 Kentish Town Rd) on Friday and Sunday. This is one of my all time favourites – music is rarely better!

Earth Club (International Students House, 229 Gt Portland St) for a Thursday night cheapie (£3).

There are also rumours of somewhere called the **Arena Club** but we haven't found it yet. 

Rotation

green day - welcome to paradise
It's a nice single despite the standard, cheesy indie cover art. Whilst crunching out some decent punk-like tunes they manage to pull off a passable British accent.

beastie boys - sure shot
The Beastie Boys belt out a load of white rap and it's pretty good.

francis dunnery -
what's he gonna say?
The stripped down edit is easier to stomach than the glossy, cherry-on-top lp version. Dunnery has a good voice and he comes out better on the disc's other two acoustic tracks.

carter usm - *let's get tatoos*
Mmmm. There's an attempted punk feel here. The singer's got a bit of that Johnny Rotten twang but it's not belching bad boy punk. Despite the free tattoos it's not really going to make me dye my hair, hit the streets and become everyone's sisters' nightmare.

echobelly - *close...but*
Hey! This is good. Happy-go-lucky singing meets hard edged accompaniment. The two live tracks are quite good in terms of quality and performance.

andromeda strain - *idol ep*
Very reminiscent of the cure - if you ignore the paganistic references. It gets a small case 'okay' from this reviewer.

new order - *true faith 94*
It's a fairly decent single of four remixes of a fairly mainstream song. The song's fairly easy listening too.

WIN TERRORVISION'S SILVER DISC

Yes, it's your chance to win **Terrorvision's** very own silver disc of their second and really rather good album *How to Make Friends and Influence People*. Just answer this death-defyingly difficult question:

WHAT WAS THE TITLE OF TERRORVISION'S DEBUT ALBUM?

Send your answers by Monday 19th December to:
'GIMME THAT DISC', WILD PROMOTIONS, SUITE 206, THE OLD GRAMOPHONE WORKS, 326 KENSAL ROAD, LONDON W10 5BZ.



bad blood, nightmares and slackers

It's amazing how you can almost get away without a decent film plot these days. Take **Flesh and Bone** for instance. A family are murdered during a robbery and only the baby survives. Twenty years later that grown baby (Meg Ryan) gets involved with the son of the trigger happy thug who shot them. She's been told that her family were killed in a car crash but the son (Dennis Quaid) knows the truth. And then the father (James Caan) turns up. Tenuous is probably the most charitable thing you can say. Yet for all its unbelievability you do come away from *Flesh and Bone* with some feeling of perverted satisfaction.

In part it's to do with the solid performances of the actors. Quaid's character, Arlis, plows the lonely interstate of life, filling vending machines with blue chickens called Betty, cans of chilli and boxes of prophylactics. More than a creature of habit, he has become a hermit of the road. The landscapes he encounters are flat, horizontally bound, dusty and most importantly, empty. His father and his childhood have reduced him to a hollow man, emotionally bereft. Ryan is always at home with her home girl gone slightly skewy character and Caan plays the grizzled old wolf with two dimensional ease. Still the problem is that these players never connect believably within the stretch of credibility which the plot asks us to believe is cinematic reality.

Only the end scene really works and that because it plugs straight into the bedrock of Quaid's character. No romantic foolery here, even with his real life wife. Just as the camera pans from a fuzzy image of blonde hair and

cowboy boots up and out to the straight edged Texan plains so, albeit briefly, we can see the wider picture. A film with good genes, it just needed a bit of free thinking rebellion somewhere along the line.

The Rank preview theatre is a sleaze-free zone. Pundits are not plied with bowls of peanuts, plates of sandwiches or other disincentives to objectivity. In fact, for this particular film it would have been a bit of a waste. Even a sackful of tortilla chips would not have caused your sea-green incorruptible critic to swerve from his duty of revealing to the world the truly dire nature of **Dream Lover**.

In a film that has nothing whatsoever to do with snooker, James Spader plays Ray Reardon, a rich, handsome yuppie architect and all-round smoothie. Ray's most distinctive feature is the habit of baring his top teeth in a rictus that leaves the viewer unsure whether he is about to laugh, sneer or bite someone. He falls for Lena (Mädchen Amick), who tells him she was abused by her parents. This I can believe, since her sultry pout looks like the result of having had her lips clamped together with clothespegs throughout her childhood.

They shag (but on the second date, not the first - who says Hollywood isn't setting a high moral tone?) they marry, they have kids. But Ray begins to suspect that his perfect partner has a past murkier than the drab shades of lipstick she favours. He starts to dream that he's in a tacky circus arcade, trying to win the ideal wife. Is he paranoid? Is she a psycho after his lucre? Slack and unoriginal, the plot spirals into ludicrousness when

Ray lands up in the loony-bin. (I began to suspect that Lena is kinky and wants to be abused, but then I'm just a chauvinist male who's seen *Blue Velvet*.) If you're unlucky enough to find yourself at this film, do what Ray should have done and get out after the f*ck scene.

My Life's in Turnaround is a low budget independent film from America. At the start of the film, Splick (Eric Shaeffer) and Jason (Donald Ward) are two pretty aimless people. Splick works as a cab driver and Jason is a bartender. Splick is having troubles trying to find the right woman, while Jason, (long haired and with a goatie beard) is surrounded with 'fourteen' year old models. Their means of self expression to the public is via the stage with a mixture of verse and a play on words, which lasts seconds and is totally incomprehensible. So after many scathing reviews they decide to turn their attention to film. However they have no script, money or stars.

The whole script is loaded with hilarious one liners and sharp and well constructed scenes. It proved to be thoroughly entertaining. One of its many subplots is a rant against the Hollywood industry. In one scene they have a meeting with a 'big' producer. After asking them if their film was a 'Harry Met Sally' or a 'Lethal Weapon' type film, he throws them out of a restaurant for saying that the film was a documentary about themselves. **Slackers!**

Hopefully this film will end up in a cinema, but you never can tell with low budget films, especially those that send up Hollywood and all that. ☺

SEVEN

FRIDAY

SATURDAY

SUNDAY

MONDAY

TUESDAY

Islamic Society 1pm
Friday Prayers, SG (R)
ICU Rag 1.10pm
Rag Meeting EL (R)
Aerobics Classes 5.30pm
Advanced Step level IV, SG (R)
IC Dance Club 6pm
24 hour sponsored dance for BBC's 'Children in Need' Appeal, JCR

Free minibus service
home from union building, 11.30 to 2am

Roller Blade Soc 2pm
Skating and Hockey in Hyde Park/Kensington Gdns. Meet at SL (R)
FilmSoc 8pm
'City Slickers II' ICU Cinema Union Building 0171 594 8098, x48098 doors; 7.45pm tickets; £2 or £1 for film/ents card holders
FilmSoc 8pm
'What's eating Gilbert Grape' ICU Cinema Union Building 0171 594 8098, x48098 doors; 7.45pm tickets; £2 or £1 for film/ents card holders

IC Chess Club 11am
Kensington Quickplay, UDH
Aerobics Class 12.30pm
Intermediate level III, SG (R)
IC Wargames Club 1pm
Table Tennis Rm (R)
Roller Blade Soc 2pm
Skating and Hockey in Hyde Park/Kensington Gdns. Meet at SL (R)

Aerobics Classes 12.30pm
Body Toning level I, SG (R)
ArtSoc 12.30pm
Meeting, UDH (R)
Exploration Society 1pm
Meeting at Southside Upper Lounge (R)
Ski Club 1-2pm
Meeting, SL (Upper) (R) Book up places for free skiing and race training.
Aerobics Class 5.30pm
Beginners level I, SG (R)
Concert Band 5.45pm
Rehearsal. Open to players of any ability, Great Hall (R)
IC Dance Club 6pm
Rock and Roll, UDH (R)
IC Chess Club 6.30pm
Mestel Challenge, SCR
Ski Club 6.45pm
Race training at Bracknell
Opsoc 7.30pm
Rehearsal for Cabaret in UDH (R)

Cathsoc 12pm
informal mass and lunch, Bagrit centre, Mech Eng (R)
S+G The Outdoor Club 12-2pm
Meeting. Welcome, SL (R)
Yogasoc 12.15pm
Beginners' classes, SG, (R).
IC Sailing Club 12.30pm
Sign up to sail! SL (R)
Quasar Club 12.30pm
Meeting, SL (Upper) (R)
Photo Society 1-2pm
All welcome, SL (R)
Careers Talk 1-1.50pm
'Scientists in Industry', Huxley LT 213
Circus Skills Soc 5-8pm
Come, learn to juggle! Table Tennis Rm UB (R).
Aerobics Class 5.30pm
Advanced level IV, SG (R)
IC Dance Club 6pm
beginners, JCR (R)
Wine Tasting Soc 6pm
£5, £4 UDH (R)
DramSoc 6.30pm
Meeting, UB (R)
Leonardo Society 6.30pm
Civ Eng Rm 101(R)
ICSF Film 7pm
'Darkstar', UCH
Opsoc 7.30pm
Rehearsal for Cabaret in Mech Eng 342 (R)
Canoe Club 7.30pm
Sports Centre pool, any level of ability, (R)
Chess Club 7.30pm
1st team match, SCR (R)
Caving Club 9pm
Meeting SL (Upper) (R)

Japan Soc 12-2pm
Weekly meeting, Ante Room (R)
Roller Blade Soc 12.15pm
Meeting for existing and prospective members at SL (R)
Motorcycle club 12.45pm
weekly meeting, SL, (R).
Quasar Club 12.45pm
Quasar Trip meet at Sheffield Building, UL (R)
IC Wargames Club 1pm
Table Tennis Rm (R)
Aerobics Classes 1.15pm
Beginners/Inter. level I I, SG (R)
Careers Course 2-4pm
'Improve your Interview Skills' for final year and PGs. Sign up in Careers office.
Ten Pin Bowling 2.15pm
meet outside Aero to go bowling (R).
Jazz Dance Soc 3.30pm
Dance class in SG (R)
Aerobics Classes 5pm
Step level III, SG (R)
IC Chess Club 6.30pm
Club night, SCR (R).

GO Club 12-2pm
Brown Comm Rm, UB (R)
Aerobics Class 12.30pm
'Legs,Turns & Bums' level I, SG (R)
Luncheon Concert 12.45pm
Roberts Piano Trio, Free admission, Read Th, Sheffield Bldg
Y.H.A. 12.30pm
Weekly meeting, SL (R).
Careers Talk 1-1.50pm
'Computing a Career', Huxley LT 213
Yacht Club 1pm
Physics LT2 (R)
Parachute Club 1pm
Table Tennis Room, UB (R)
Conservative Club 1pm
Meeting, SL (Upper) (R)
Aerobics Class 5.30pm
Intermed. level 3, SG (R)
Christian Union 6.30pm
Huxley 308 (R)
Leonardo Society 6.30
Civ Eng Rm 101(R)
IC Dance Club 7pm
Beginners, JCR (R)
Jazz Big Band 7-10pm
Table Tennis Rm (R)
Bloomsbury Chamber Orchestra 7.30pm
tickets £8/£5 (conces £5/£3),Parish Church of St. George, Bloomsbury Way, WC1
Motorcycle club 7.30pm
SL, meet for bike run around London, (R)
Ladies' Football 8.30pm
Training, contact Union office pigeon hole, UG (R)

Guide

Times (R) Regular Meeting

Places (SG) Southside Gym (SL) Southside Lounge (UB) Union Building (UDH) Union Dining Hall (UG) Union Gym (UL) Union Lounge (EL) Ents Lounge (JCR) Junior Common Room (SMHMS) St. Mary's

SMALL ADS

Careers Office
Rm 310, 10.00am-5.15pm, Mon to Fri
Free cycle coding
14th-18th Nov, 10am-4pm
Postgraduates Mathematical Advice Centre Helpline
Ext 48533, Dr. Geoff Stephenson, Maths Dept.
Experienced racket restringing
...at affordable prices. J.Y. LIM (rm 227) Chem Eng. ext 55680.


ELSEWHERE

Christmas Lights
London puts on its annual seasonal twinkle to celebrate the snowed and snow-sprayed season. Opens at Liberty's on the 14th November at 6pm.

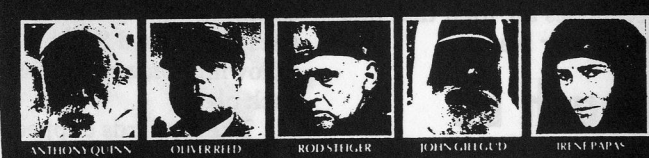
'Healing Arts Exhibition '94' shows of the best in healthy lifestyles and indie/alternative therapies. There will be stalls on everything from Tai Chi to Indian Head Massaging and the Alexander Technique. Held at the Royal Horticultural Halls, Greycoat Street, SW1. Tube; St. James' Park. £3.50 Conc.

'Stop the Grant Cuts' demo. Meet Battersea Park midday for march to Hyde Park; wednesday.

Persian Gulf Society presents:



OMAR MUKHTAR LION OF THE DESERT



Mon. 14 Nov - 6.00 pm - Chem Eng LT1
Free for members. Non-members 50p.

SHOULD WE PAY £1 TO GET INTO THE UNION BAR ON FRIDAYS?

NO?

BUT WHO WILL PAY FOR THE ENTERTAINMENTS?

(WITHOUT ANY ENTERTAINMENTS WE CANNOT GET A BAR EXTENSION)

COME AND HELP MAKE THE DECISION NEXT FRIDAY (18TH NOVEMBER) 1:00PM IN THE UNION LOUNGE

IMPERIAL

All submissions for the Seven Day Guide must be given in by 6pm on the Friday before the week of publication. (Not including those which have (R) at the end of the entries - the submissions will automatically entered for you).

CINEMA

Three Colours Red
Chelsea Cinema King's Road 0171 351 3742 doors; 8.50pm tickets; £6.00

True Romance
ICU Cinema Union Building 0171 594 8098, x48098 doors; 10.45pm tickets; £2 or £1 for film/ents card holders

Fortress
ICU Cinema Union Building 0171 594 8098, x48098 doors; 7.45pm tickets; £2 or £1 for film/ents card holders

Pulp Fiction
MGM Chelsea King's Road 0171 352 5096 doors; 8.50pm tickets; £ 3.50 conc

Flesh and Bone
MGM Fulham Road Fulham Road 0171 370 0265 doors; 9.30pm tickets; £3.50

Frankenstein
MGM Chelsea King's Road 0171 352 5096 doors; 9.15pm tickets; £ 3.50 conc

True Lies
ICU Cinema Union Building 0171 594 8098, x48098 doors; 7.45pm tickets; £2 or £1 for film/ents card holders

MUSIC

Alice Donut + Schwarzenegger
The Garage tube; Highbury & Islington 0171 607 1818 doors; 7.30pm tickets; £6

Nazareth
Underworld tube; Camden Town 0171 482 1932 doors; 7pm tickets; £7

Barry Manilow
Wembley Arena tube; Wembley Pk. 081 900 1234 doors; Queue Early tickets; Goldust

Original Songwriters
Orange tube; West Kensington 0171 371 4317 doors; £8.30pm tickets; £6

Counting Crows + Cracker
Shepherd's Bush Empire tube; Shepherd's Bush 0181 740 7474 doors; 7.30pm tickets; £10

ARTS

A Bitter Truth
Barbican Barbican Centre EC2 0171 588 9023 tube; Barbican daily; 10am-5.45pm entry; £4 and conc.

The Romantic Spirit
Hayward South Bank SE1 0171 261 0127 tube; Waterloo daily 10am-6pm Tue & Wed until 8pm entry; £6

LSO: The Schnittke Series (repeated Tues)
Includes 6th Symphony Barbican Centre 0171 638 8891 tubes: Barbican, St Paul's, Moorgate perf: 7.30pm concs: £6.50/£8

Photographs on 'humour'
Phoffusion 17a Electric lane SW9 0171 738 5774 tube; Brixton Tue-Fri 10.30am-5.30pm Sat 12noon-4pm

James McNeill Whistler
Tate Millbank SW11 0171 887 8000 tube; Pimlico Mon-Sat 10am-5.50pm Sun 2-5.50pm entry; £5, concs £3

Football

IC 1st vs LSE 1st

IC continued their winning league run with a demolition of LSE. As normal we were winning at half time but, instead of becoming defensive in the second half, we moved up a gear and scored almost at will.

Although it was a day for attackers to grab the glory, some solid defending by Matteo Yarina and a couple of excellent saves by Chris Evdemon laid the foundation for the passing football which LSE could not withstand.

After three wins out of three, hopes are high that this could be our season.

Squash

IC 1st vs LSE 1st

The first team faced their toughest match of the season when they played LSE. Undefeated so far this year in both the London University and BUSA leagues, we were out to avenge our loss from last season. The first two matches were extremely close but we conceded defeat in both of them. Sonaar Shan and Tony Nolan soon set the record straight, winning their matches to even the score. Everything now rested on the final match, and LSE had wheeled out their "Ace" - a Brazilian international player. After losing the first game, Adam Waddington played his best match of the season to finally win.

Badminton

IC Ladies vs LSE

If we had a full team, the score would have been a storming 9 - 0. Unfortunately we were a pair down, but the team rallied to give a decisive victory, with everyone winning all their games without too many problems (despite Penny & Elaine's many giggling fits). This now leaves us at the top of the league table. Yippee!

Rugby

IC 1st XV vs LSE 1st

After a mystery tour coach journey, IC came out foaming at the mouth for this UAU encounter with LSE.

IC controlled the game from the kick-off and ran in two impressive tries from halfway by Mark Wishart and a second by Aled Bowen. LSE came back into the match scoring a lucky try before half time.

Following sharp words by Tim Townend in his half time talk, IC still started the second half in lethargic manner before reasserting the domination. This led to two tries by Richard Stubbs following some scintillating back play.

The forwards clipped in with a try by Martin Ayre after a succession of close interplay within the pack. Jim Ryan went off with a nasty head injury, but this didn't stop IC scoring a 60 metre try by Mike Dwyer, with Aled Bowen converting.

IC 2nd XV vs LSE 2nd

A storming performance by IC saw them cruise to victory over LSE.

IC opened their account with a penalty followed by a well worked try by Kimble Virdi. Andy Cooke scored a push-over try and Nick Morguns danced under the posts for another score which was converted.

IC started the second half in similar fashion and following a quick tap penalty and sharp handling in the backs, Tunji Lodsja streaked down the wing to score a fine try.

Jamil kept his try-a-match streak going with a 30 metre dash and Nick grabbed his second with a rocket-man dive over the line. A fine performance was capped off by Gareth Williams who intercepted a pass and with hot pursuit, sped the length of the field to score.

W I N N E R S	Sport	IC Team	Score	Opposition
	Badminton	Ladies	6 - 3	LSE
	Football	Men 1 st	7 - 1	LSE 1 st
	Netball	Ladies	70 - 2	St. George 2 nd
	Rugby	1 st XV	34 - 5	LSE 1 st
	Rugby	2 nd XV	40 - 0	LSE 2 nd
	Squash	Men 1 st	3 - 2	LSE 1 st

Netball

IC vs St. George 2nd

IC made a strong start to this season's cup campaign despite the mysterious absence of Lisa Strittmater. Unperturbed, IC immediately took the lead and at the end of the 1st half St. Georges had yet to score. Aided by extremely accurate shooting IC made good use of the opportunity to practice their passing, in spite of the fact that several players were playing out of their normal positions. The score broke through the half century barrier at the beginning of the 3rd quarter. In the name of good sportsmanship, we decided to let them score in the last quarter.

The final result was a resounding victory for IC and provided food for thought about different team combinations.

Cross Country

Second race in the London Colleges' League (at Guildford)

The horrid conditions did not prevent an outstanding performance by the IC teams, especially the women (the 'A' team came first and the 'B' team second). There was also an encouraging improvement in the placing of the men [Apparently still not good enough to let us know their position - Ed].

Individual results

Men

17. Andrew Overend
18. Olivier Brown
21. Daniel Winder
57. Cedd Winder
58. Gary Hoare
62. Gerald Johnson
72. Ben Sell

Women

2. Jennie Rogers
3. Jenny Williams
6. Maria Raimondi
7. Emily Collins
9. Christina Demetriou
11. Kay mac Donald
14. Debbie Hipps
19. Stephanie Rooke

Rag Week

ROACHES



Imperial College Rag Week Special Pull Out

11NOV94 – 20NOV94

THRIVE 95



This handy pull-out contains all you need to know to make the most of Rag Week. Come to the Rag meeting (Friday, 1.10pm, Union Lounge) or drop into your CCU office to find out more. Get involved – you'll regret it if you don't!

Comedy Night

Rag week this year kicks off with a comedy night. This will be featuring Boothby Graffoe and Tim Vine. The evening will be topped off with a disco, and a late bar. Tickets are priced £2.50 and are available from the union office, or pay at the door. Doors open at 8pm and the show starts at 8.30pm.

Rag Raid

Location unknown (well, England somewhere). Opportunity to meet students from another university and see what pathetic and dreary lives they lead. We cheer them up by selling them IC rag mags (offensive, racist, sexist, subversive, anarchic, etc.). Common response is along the lines of:

"Want to buy an IC rag mag?"

"Got no money."

"It's highly offensive and has been banned from your campus."

50p mysteriously appears very fast and you can rest in the knowledge that you have brought happiness and cheer to a sad and lonely non-IC student.

Note: We are on our best behaviour. On no account do we ever descend in a large, rowdy mob, and e.g. take over their bar, buy all their beer, break into their union offices, re-arrange garden furniture, re-paint walls, etc., and we definitely, most definitely do not nick any signs.

Meet up in the car park by the minibuses at 10am.

Rag Bar Evening

This is where Raggies and anyone else who wants to converge on the Union Bar and have a particularly excellent evening! We will be indulging in such silly things as 1001 Down Darts and other such daft bar games! We'll be there for a chat or any information that you may require so pop in and see us - we may even buy you a drink, depending on how generous we're feeling at the time. But you'll be guaranteed a good night's entertainment if nothing else so come along and meet us!

Mines Dirty Disco



Here's another one of the many chances during the week to get your clothes off for charity! The Mines Dirty Disco is, as the name implies a disco where the theme is the less you wear the less you pay - therefore if you turn up in just a sock (if you are a man that is), strategically placed of course, then you probably would get in for free or have to pay very little indeed. Of course no clothes means no cost!!

ICU Rag Week

Fri 11th Nov	Comedy Night	Union Building
Sat 12th Nov	Rag Raid	Somewhere Far
Sun 13th Nov	Night in the Bar	Union Bar
Mon 14th Nov	Mines Dirty Disco	Union Building
Tue 15th Nov	Slave Auction	Union Building
Wed 16th Nov	RCS Beer Festival	Sherfield JCR
Thur 17th Nov	Rocky Horror Night	Union Building
Fri 18th Nov	Rag Bash	Union Building
Sat 19th Nov	Sponsored Nude Kamikaze Parachute Jump	Somewhere Near
Sat 19th Nov	Pub Crawl	Somewhere Nearer
Sun 20th Nov	Rag Rugby	Harlington
Sun 20th Nov	Bungee Jump	Docklands

Roaches Thrive '95

Rocky Horror

At 8.00pm this Thursday is Rocky Horror night. Where we will be having a special screening of The Rocky Horror Picture Show on the large screen in Da Vincis. This will be followed by a disco. Entrance is free but we will expect you to make a donation to Rag. Just to add a twist to the evening we want everyone to come dressed in drag or in the Rocky Horror theme. There will be prizes for the best costume.

Rag Bash

Union building, 7.00pm. Tickets £3 and worth it, (what else is there to spend £3 on? 5 pot noodles? 2 and eight elevenths JCR sandwiches?). There will be live bands and a disco, a special cocktail bar with a live jazz band and waiter/waitress service and much much more besides.

The weekend starts here and any work can wait...

S.N.K.P.J.

By now you might have heard all about the Sponsored Nude Kamikaze Parachute Jump, but for those of you that haven't then let me inform you. This is a little activity where a certain number of people jump out of the back of a minibus outside Harrods wearing nothing but bowties and then proceed to make it back to college. This is usually done as rapidly as possible, but for the mad amongst you there is a prize for the last back to college! So if you fancy watching something silly on a Saturday morning then go and watch or for the more daring of you - take part!!

Bungee Jump

Normally people on a Sunday students would be lying in bed catching up on sleep and doing all the work they hadn't done all week, but not today! Loads of mad people are going of to London Docklands to jump of a 170 foot high crane and try to touch the water, all raising money for Tenovus, the cancer charity, whilst they fly through the air! This is some thing people equate to sex or just plain adrenaline but whatever your viewpoint on this spectacular event it should prove to be excellent fun. If you want to do a jump there might just be enough time for you sign up to do this but you will have to come and see us very rapidly as places are limited and going fast!!

5-legged Pub Crawl

Self explanatory, really. Technique is simple: Visit pub, buy drink, collect money, buy drink, find another pub, buy drink, etc. Keep going until you feel dizzy, the room starts to spin, and weird creatures walk across the ceiling. That's about it; start in Union Bar or Da Vinci's, then make your way to Southside, probably followed by Queen's Arms, The Harrington, Hoop & Toy, Gloucester Arms, Hereford Arms, Ennismore Arms, Stanhope Arms, etc. The 5-legged bit is to make it more of a challenge to stay upright and not get kicked out. Start time is after the SNKPJ and finish time is when there's no-one left standing. Be there or be sober.

Killer

Also this week we will be running Killer. The aim of this is to eliminate your target in the most original way you can think of. Be careful not to get killed yourself as someone will be out to eliminate you. Once you have killed someone, you then go on to try to kill their target. The winner is the person left alive at the end of the week. To take part, go to the Rag office or the Union office before 5pm today. All you need are two passport photos of yourself, and £2.50.

Rag Week Pull Out

Beer Festival

Calling all pissheads, real ale fans, cheap-skates, students... in fact anyone who likes a good pint or two. This event is the biggest non-CAMRA beer festival in the country, and basically involves lots of people consuming approximately 3 tonnes of some of the best beer around in the comfort and safety of the JCR. Also the Beer Festival marks the launch of this years version of IC's notorious RAG MAG!



Slave Auction

Piles of washing up, laundry getting on top of you, lecture notes in need of copying? Here's the ideal solution, the Slave Auction is where anyone who is silly enough to take part auctions off twenty four hours of their time with the proceeds going to charity. Buying a slave for the day could help you get your life sorted out! Imagine having all your meals cooked for you, having all those smelly socks washed, that urgent lab report written up all whilst you sit around with your feet up having all your drinks bought to you... unfortunately sexual favours are by written consent only! But still worth your while, you could club together with a group of friends to buy a really good looking slave. Concert Hall at 1.00pm - if you fancy signing up as a slave yourself pop along to the Guilds office or Rag office and put your name down.

Rag Rugby

Virgins get to grips with the miners

The match of the weekend has to be the charity rugby match between the Royal School of Mines Rugby Football Team and our very own Ladies Rugby Football Team, the I.C. Virgins (who are they trying to kid!). The ladies team have only been going for a year and what they may lack in talent and fitness they make up for in enthusiasm and pure skill when it comes to the odd boat race! Last year the ladies threw down the gauntlet and the men were so bemused that they played in stocking and suspenders! The battle then commenced with the girls putting up a valiant fight against the men and doing extremely well, the final score was 24-24!! So whoever said women can't play rugby should have been there to witness this spectacular event, as you should be. Come along and watch the most unique game of rugby you are likely to see, we are playing at Osterley again this year travelling out there by coach, if you want to come then book in the RSMU Office or see any member of the IC Virgins team. This promises to be one wacky event so miss it at your peril, after all, what else is there to on a Sunday afternoon!!

Rag Services

Services will be operating during the whole week and, for a small fee, you can get almost anything done to anyone. City and Guilds College Union are running the notorious Hit squad and the Royal College of Science are doing Grim Reaping, handcuff-o-grams and pint-o-grams. To explain these further, for anyone who didn't know, Hit squad provides you with the opportunity to get a flan placed in the face of your best friend or your worst enemy. Lecturers are not out of the question if you can club together the danger money, and if you think final year students are too boring then why not get a mass hit taken out on an entire lecture?! Hits can be taken out on production of a Union card at the C&GU Office in Mech. Eng. Contact lens wearers should also get themselves a contact lens immunity badge which prevents flans from hitting you in the face, this can also be obtained from the same place. Grim Reaping involves setting a grim reaper to follow someone around all day until they cough up enough money to get rid of them. For a small charge you can have a pint and a packet of bar nibbles delivered to someone (or yourself) during a lecture, lab, tutorial... you tell us where, when and who and we'll sort it out. Handcuff-o-grams involve handcuffing two victims together until they cough up sufficient amounts of money to get the keys. Do you hate someone enough to handcuff them to that boring smelly person in the corner? For any one of these services pop along to the RCS office, round the back of Chemistry and see one of the friendly bods inside.

Beer and Cider List

Brewer	Beer	Brewer	Beer	Brewer	Beer
Adnams	Broadside, Mild	Morlands	Old Masters	Courage	Directors
Archers	Village, Head Banger	Morlands	Old Speckled Hen	Gibbs Mew	Deacon
Batemans	Dark Mild, Victory	Palmers	Bridport, Tally Ho!	Everards	Tiger
Batemans	XXXB, Salem Porter	Ridleys	IPA, Mild	King and Barnes	Broadwood, Old
S A Brain & Co.	Dark Mild, S A Best	Ringwood	49er, Old Thumper	Mauldons	Suffolk Punch
Brakspear	KPA, Special, Old	Rodinsons	Old Tom	Mauldons	Black Adder
Charles Wells	Eagle	Smiles Brewery	Exhibition	Felinfoel	Double Dragon
Eldridge Pope	Blackdown Porter	Thwaites	Craftsman	Marstons	Owd Roger
Eldridge Pope	Royal Oak	Wadsworth	Old Timer	Timothy Taylor	Landlord
Exmoor Ales	Exmoor Ale, Stag	Youngs	Special	Ciders	
Fullers	Mr Harry	Sheppard Neame	Bishops Finger	Westons	Tradtional Draught
George Gale	BBB, HSB	Arkells	BBB	Westons	Perry
Greene King	Abott Ale	Belhaven	80/s	Zum Zum Zider	Dry
Hook Norton	Old Hooky	Caledonian	Merman	Zum Zum Zider	Sweet

Rag T-Shirts £6.50, Rag Mags 50p Available from the Rag Office and at the Beer Festival