



# Felix

THE NEWSPAPER OF IMPERIAL COLLEGE UNION

## NUS national shutdown hits London Rally success

Over 800 students gathered outside the Department of Education and Science yesterday for a rally in protest against Student Loans. The rally was organised by the National Union of Students' London branch (NUS London), as part of Thursday's NUS National Education Shutdown.

Speakers at the rally reported on action taken by London's Universities, Polytechnics and Colleges of Further Education, ranging from a blockage of mail at Kings College to a strike by catering staff in support of students at Thames Polytechnic.

The meeting was strongly supported by a wide variety of educational establishments, including the London College of Printing, the London School of Economics, Middlesex Polytechnic, and Thames Polytechnic. Pupils from Pimlico School, with which IC has a student teaching connection, were also present.

The meeting dispersed peacefully after a number of speeches calling for greater action by the National NUS Executive and further marches through London.

NUS London General Secretary Phil Woodford told FELIX that he felt the meeting had been 'very positive' with 'students showing their anger at the Government's proposals.'

Around London, University College Students Union organised a picket of the College's entrances, and an 'Overdraft Disco' in the evening, which was free to students with bank overdrafts. The London School of Economics reported a large number of lectures cancelled for the education shutdown and held a 'Bop against Baker' in the evening. Elsewhere, the University of London Union (ULU) acted as an information centre throughout the



*The first of two groups of students marching across Waterloo Bridge to join the rally outside the DES*

day in support of the NUS education shutdown and held a leaflet distribution at Oxford Circus.

At Imperial College, the Union Bar was open throughout the day, whilst Pool and Table Football tournaments were held in the Union Snack Bar and information sheets were distributed to students. MP for Tottenham, Bernie Grant also spoke to 50 students in the Union Lounge.

IC Union President, Nigel Baker told FELIX that although IC Union was supporting the NUS' National Education Shutdown, the College had refused to support students by rearranging lectures. He claimed the College's lack of support was due to the poor turnout for ICU's lobby of Parliament last month. Lectures were rescheduled around the College for 250 or so students to attend the lobby. Mr Baker told FELIX that the Rector had pointed out the lack of support as a reason

for not supporting any further action. He added that the Union was 'trying to take the positive side' by offering students an alternative to lectures on the shutdown day rather than encouraging students to boycott lectures. Mr Baker went on to complain at the lack of support by students for the organisation of the shutdown at IC and the Union's vigil outside the DES on February 6.

NUS' action against student loans culminates on Saturday February 25 when a national gathering of students will march from Victoria Embankment to Kennington Park, where a Festival is planned. IC Union is supporting the march and will meet in Beit Quadrangle at 11am. Mr Baker told FELIX that he hopes to have an Imperial College Union banner for the event and plans to distribute publicity next week.

## Legal action threatens AUT

The College are taking legal advice following threats by the Students' Union to sue the College if students are deprived of degrees by the action of the Association of University Teachers (AUT).

The Union have been informed by legal experts that they would have a very good case to sue for the cost of fees and maintenance for a repeat year for those students deprived of their degree due to the AUT's examination boycott. It is estimated that such action could cost the College up to £44 million.

The AUT began their boycott, which affects 70,000 undergraduates throughout the country, at the start of the term, in protest against the Committee of Vice Chancellors and Principals (CVCP) refusal to present a pay offer for the 1988/89 session. The CVCP have since offered a 3% pay rise which they admit is 'embarrassingly low.' Wages for academics currently range from £9200 for lecturers to £29,000 for professors.

IC Union President, Nigel Baker told FELIX that the threat of legal action would force the College to put pressure on either the CVCP or the AUT for an end to the action. He pointed out that the College might take legal action against AUT members for breach of contract, should the Union go ahead with its legal claim.

President of the Imperial College Branch of the AUT, Susan Parry said that she was unhappy with the Students Union decision. 'It would be more constructive for the students if they put pressure on the CVCP and the Department of Education and Science' she said.

Speaking at the Careers Advisory Board Student Liaison Committee on Tuesday, Deputy President Chas

*cont'd on back page*



## Democracy

Dear Sir,

After attending the unusual UGM in the JCR on Tuesday January 31, I feel that the case for amending the constitution was not presented properly. It is true that this lack of discussion stemmed from a perfectly legal procedural motion, but the fact that this mechanism was used rather suggests that it is time to amend the rules and regulations, while preserving democracy.

What an emotive word, democracy. Many will argue that the meeting was democratic, but examination of the result provides interesting statistics. Of the 240 or so who supported the motion most of those were from St Mary's (total population 500), thus approximately, 45% of St Mary's voted for the motion, against 340 IC students (population 5,000) or 7% of IC. When you introduce the factor that only 300 or so students are ever available at one time due to course commitments, that 45% takes a greater significance.

Herein the problem lies. No wonder St Mary's do not believe the present system is fair for all. The conduct of the UGM provides much evidence to support the motion. I was a little surprised that the motion was voted upon with no discussion. The reasons for the procedural motion became obvious: when all those IC students had voted, they left to go to lectures before the results had been announced. That suggests to me a lack of concern or understanding of the issues involved. St Mary's students gave up an average of two lectures to attend the meeting. On the proviso that IC Union is available to all, then UGM's cannot be held during College hours, as St Mary's students will be discriminated against.

One also has to remember that over half the students at St Mary's do not have a formal lecture course, and learn by working in the various hospitals in London and the South East with no regular hours. If I am 'on take', that is working all day and night, how can I be represented at an ICU UGM? This difference in the working practice of medical students must be appreciated along with differences in social activity, by those who make policy at IC. As this rests at the moment, the UGM makes policy, and I have a total lack of confidence in that body.

I strongly feel that if an issue central to St Mary's were debated we would come off the losers on the majority of occasions. Ask the students at St Mary's who have attended university previously about the difference in the needs, atmosphere, etc and they will all agree. I firmly believe that ICU at present is not equipped or willing to consider St Mary's fairly.

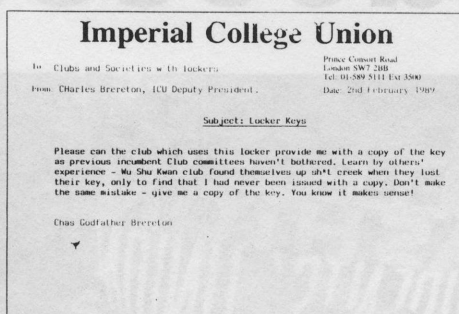
The lack of discussion effectively glossed over the fact that student accountability will not be lost. The three individual colleges would take back much responsibility for policy decisions with regards to external affairs etc, and then the representative would be mandated to argue the agreed line at the ICU meetings. This change would enable more people to involve themselves in Union meetings rather than the five or six who managed to dominate the UGM on January 31. This I find annoying as I was prevented from speaking by the mechanism of the situation. It was also pertinent that no one from St Mary's

explained the situation as we see it, this much of the reasoning was lost. We were equal members at the UGM, with the universal rights that were referred to so often in the other business at the assembly. Those rights we did not receive.

In conclusion I am not crying foul or feel the desire for revenge. I am deeply saddened and disturbed at what transpired last Tuesday, with a total lack of confidence in the UGM as it stands. I hope people will take a little time to listen to all angles of the debate in the future, as St Mary's students willing, integration into ICU would benefit IC immensely. St Mary's is a world leader in what it does, enjoying a level of public awareness equal to that of IC. That is a powerful tool to be used once the integration has taken place. At the moment St Mary's is doing all the giving. In the best agreements one reaches a compromise, isn't it time IC gave a little?

William Lumb,

St Mary's Hospital Medical School.



Dear Bill,

The above letter was pinned on most lockers around the IC Union Building this week. However, it does contain a few factual inaccuracies. Firstly, the key was left with security, who lost it. Secondly, Chas Brereton is in charge of IC Buildings and he hands out the keys—it is his responsibility to keep back-up copies. Thirdly, and most typically, is that since the keys were lost on January 22 1989 by security, he has managed to handle the situation with total inefficiency. We left the key numbers and company with him, and he promised either new copies and/or to contact us. He has still not done anything after three weeks, even though we have visited him continuously asking for help. It has now come to the point where we will have to go to personal expense to hire a locksmith etc. This should be the Union's job, not ours.

IC Kung Fu Club.

## Anti Jewish

Dear Bill,

I would like to express my concern over certain childish individuals at this College. A large number of Jewish Society posters received personal attention, and messages like 'Fuck the Jews' were the result, in addition to posters being torn or burnt. Similar treatment was given to Wellsoc posters.

This action was not particularly constructive in any sense of the word, but perhaps if the author(s) would like to make their opinion public in FELIX, then we will treat them as mature adults and act accordingly. In the meantime, people have been offended and inconvenienced by this pathetic and cowardly act.

Alternatively, I am willing to listen to any grievances personally,  
 S Parkus, Mat Sci 2.

## UGM's again

Dear Editor,

At 10.30am on January 31, I made my way down to the Medical School Restaurant for a coffee. Amongst the usual rubbish on the table a freshly photocopied letter from the St Mary's Student Union caught my eye. The letter concerned a vote that was taking place on that very same day at a UGM to be held at Imperial College starting at 1.00pm. The vote was to decide whether decisions about all student union matters (the Mary's clubs, bar, etc) should be taken at the UGMs held at IC. These meetings are almost exclusively attended by students based at the site south of the park. The other option, as outlined by the working party, was that the format of the UGMs should be changed so that a decision concerning St Mary's would be voted on at an UGM at Mary's and then a representative from St Mary's would have a block vote at the next meeting held at Imperial thus representing the views of the majority of St Mary's students without them having to be there in person.

The word quickly spread through the Medical School that, although given the very short notice, it was imperative that as many of us as possible went to the UGM and tried to stop this vote going through. Two hundred and fifty students made their way across the park (which incidentally, everyone agreed, took 30 minutes on foot) to arrive at Imperial at 1.00pm. On the way to the JCR we were met by provocative posters saying 'UGM 1.00pm, issues include The End of UGMs', obviously aimed at stirring a biased, intransigent crowd, determined on maintenance of the status quo, along to the meeting.

When we all got to the JCR we were told that the vote in which we were all interested in was Issue F, the last on the agenda. Realising that our issue was not going to be on for at least an hour, my heart began to sink as I watched the UGM 'in action' working through the first five issues. The room contained a large number of social misfits who, for the want of something better to do, seemed to delight in the use of a term, which over the space of the next hour and a half I was to grow to hate—The Procedural Motion.

This was bandied about for everything from Request for Information to Request to go to the toilet (well, not quite, but with as nearly a great a frequency).

Finally, just after 2.00pm it was time for our issue. The following account outlines a few of the devious 'democratic' tactics used leading up to the vote. Firstly, the motion was changed from, in outline, UGMs are fair and representative meetings (which the St Mary's students were against) to UGMs should be abolished (which St Mary's students were for).

Secondly, an IC student suggested that the issue was too large and should not be voted on but considered at another meeting. This, fortunately, was voted against as the IC Union said that enough work and discussion had already been put in by the working party. This was lucky as nowhere near as many St Mary's students would have attended a second meeting.

A sensible proposal was put forward to discuss



the fifteen point plan of the working party. Both Phil Drew and Graham Price were on hand to represent St Mary's in these discussions. However an Imperial student, realising that their 2.30pm lectures were about to start and that a large block of the IC vote would disappear to attend lectures, proposed that the issue went straight to a vote. This proposal was carried.

A couple of procedural motions about the vote were then put forward. Were St Mary's students members of IC Union and therefore eligible to vote? Do St Mary's students have IC Union cards in order to vote? Only Medical School ID cards would be allowable as proof of St Mary's student status.

*Yours sincerely,*

Dominic O'Kane, PATA Chairman 1988-89

## Imperialism

Dear Bill,

He's unstoppable, he's determined to wreck the College and we're powerless to stop him! Who? Eric Ash of course—just take a look at the latest proposal to merge with RHBNC—I give up, all we can do is ride the storm and hope to survive. By way of explanation, have you noticed that:

Imperial College of Science, Technology and Medicine neatly (and ominously) rearranges to: I concede, IC mangled to pieces in lone Eric Egham folly.

Goodbye IC, welcome to the Polytechnic of South East England.

*Yours despairingly,*

S G Banton,

*Ex-just about anything you can think of.*

## God to Dave

Dear Bill,

Dave Thomas is right!

*Yours eternally,*

God.

## Doctor's Orders

Dear Bill,

Last year whilst suffering from glandular fever I finally submitted to my symptoms and visited the Health Centre. (I'm paranoid about wasting the Doctor's valuable time and only go when it is a choice between a Doctor and the Last Rites).

The questions fired:

Do you have a boyfriend?

Are you sleeping with him?

Have you slept with anyone?

Are you sure?

Funny, but I could have sworn that the Doctor was trying for a run of small ads in FELIX.

Finally, after a patronising lecture on student illnesses all being related to stress and sex, I left totally disgruntled. The advice? Go home, lie down and take a paracetamol!! (A paracetamol—a fast food in the world of medicine.)

On another occasion a friend of mine needed a Doctor to be called out and was given a two minute diagnosis over the phone. Surely the

Doctor should also have given an IC test over the phone? We all know how impossible articulation of symptoms can be. Yet how strange, the Doctor can afford the time to take full account of that headache, hangover, nosebleed etc. during the hypochondriac's frequent visits to the surgery. Surely we could all avoid a half hour wait for the open surgery and phone-in our symptoms to the answerphone. Or, with hindsight, just maintain a supply of paracetamol.

*Yours sincerely,*

Ann Roberts (Maths 1).

## Benefits

Dear Bill,

In last week's FELIX an article appeared entitled 'Loans Publicity'. Whilst I agree with the author's sentiments regarding the effect withdrawal of Social Security Benefits will have, the article also contained some inaccuracies which are very misleading.

The article stated that the legislation regarding a student's right to claim Housing Benefit and Income Support had already been passed. This is not correct. I contacted the DSS Policy Unit and was told that the legislation is scheduled to come into effect from September 1990. The timetable of the Bill introducing these changes is not yet known.

It was also stated that 'these cuts are total' implying that no student would be able to claim any form of benefit whatsoever. Certainly the cuts will be devastating but it is likely that there will still be some benefit that certain students will be able to claim. Therefore until the Bill has made its passage through Parliament it is unwise to make assumptions as to the full extent of the cuts.

Therefore the current position is that students are still eligible to claim benefits until September 1990. It still remains to be seen what the real impact of the legislation will be.

*Yours sincerely,*

Yve Posner, Welfare Adviser.

## Harsh Graffiti

Dear Bill,

I was horrified by the sight of neo-Nazi posters, graffiti and burnt remnants of Jewish Society posters on the walkway today. Crudely drawn posters depicted soldiers wearing the Star of David acting like Nazis, captioned with phrases like 'Jewish Butcher'. Wellsoc and Filmsoc posters were daubed with anti-Israeli slogans and swastikas.

The aim of this despicable display was to make a perverted link between the atrocities of the killing of six million Jews in the Holocaust, and the treatment of Arab refugees in Judea and Samaria. The same thugs bear the legacy of those such as the Grand Mufti of Jerusalem. It was Haj-Amin al Hussein, a best friend of Eichmann, who congratulated Hitler on his successes and constantly incited an acceleration of the extermination measures. Some make the claim the Holocaust never occurred; equally monstrous are those who try to salve their consciences by placing Jews today in the boots of the Nazis.

*Yours faithfully,*

N Nelkon, Department of Computing.

## Free Radicals

Dear Bill,

I was disappointed to read in last week's FELIX Andrew Allum's insult to freedom of speech and IC students as a whole.

I agree that the use of the label 'Water Polo Club' as a cover should not have been made. The underlying issue is not the method used to attract the normally impartial IC students to the problem of student loans. Rather, it is how to organise them into a coherent group capable of defending the right of higher education to everyone.

To this effect Julian Moore seems to have put a lot of effort into organising people with the common conviction that student loans are unjust and do not work in practice (eg Sweden).

If the government wants to pass legislation on any issue you have the right to oppose it by demonstrating, writing to your MP or lobbying Parliament. This is the essence of democracy.

Instead Andrew Allum seems to believe in apathy and the 'let-the-government-do-what-they-want' attitude. This is not only dangerous (what becomes of democracy without cynicism towards its leaders?) but it is also an insult towards the (supposedly) intelligent student population of IC. I do not believe Andrew Allum has the right to talk about his fellow students as 'innocent' just because they disagree with him.

Would De Gaulle have been overthrown without the initial reaction of the French students?

ICU was and is apolitical. However, it is the students of tomorrow who will decide the future political trend of ICU and certainly not Andrew Allum who seems to be more apt at condemning students who believe in building a more equal, caring and fair country.

Lastly, how can Andrew Allum state with such conviction that 'most IC students are generally proud of our student union' without some kind of 'logical' backup?

*Stephen McKeever, DOC II.*

PS. Andrew, would you be so apolitical if you lived in Poland?

## So in Love?

Dear Bill,

This has been a busy week, but I felt that I had to write this letter in order to thank the members of Imperial College for saving me a lot of hard work. Normally my rounds of the universities take up most of my time, with all those young folk in such large numbers and at such close quarters. Students usually rush me off my feet, falling in and out of love faster than you can say 'HIV'. But IC is an exception and provides me with a nice place to sit down and rest my wings on February 14.

*All my love,*

Cupid.





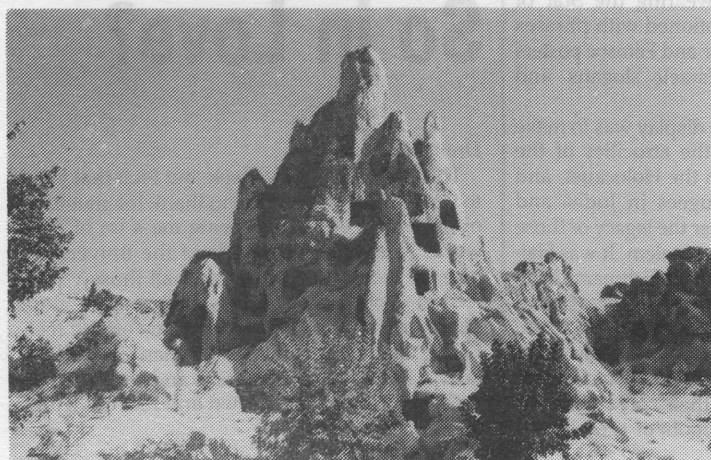
# The INDEPENDENT

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## Cappadocia

Cappadocia is situated virtually in the middle of Turkey, on the Central Anatolian Plateau that makes up most of Asia Minor. The area known as Cappadocia roughly fills a triangle of 200-300 square miles between the towns of Nigde, Kayseri and Nevsehir. Eons ago the now extinct volcanoes of Hasari Dagi and Eriyes Dagi covered the whole area with a deep layer of tufa, a soft stone of solidified mud, ash and lava. Over the ages since the rivers of the region have scoured canyons and gulleys through the soft and porous stone and the elements have eroded it into fantastic crags, turrets, stalagmites and cones, creating a vast outdoor display of stone sculptures in an incredible variety of shapes and colours.

The cone is the most common form in Cappadocia's lunar landscape, many of them more than a hundred feet tall, some in groups and others standing alone like eccentric obelisks. The predominant colour in some areas is ochre or umber, while in others it may be ashen or even salt white. What nature has left undone in terms of fantastic sculpture, man has completed. For thousands of years the Cappadocians have been carving houses and places of worship out of the rock cones, leaving behind whole rock villages and some of the finest examples of Byzantine art in the world. Today, the inhabitants of the region still for the most part live in their rock houses, perhaps with a modern extension. Cappadocia is only a twelve hour coach journey from Istanbul, so it is within easy reach even for the Inter-Railer, and it provides an excellent opportunity to see a landscape unparalleled for its strange beauty.



Rock House, Goreme

### Goreme

Goreme is one of the best places to base a visit to the region; it's a small rock village in the centre of one of the best landscapes, a rolling plain covered in thousands of pink cones that glow in the late afternoon sun. The village itself has several little pensions with rooms carved out of the cones, and even a couple of restaurants in rock houses. In fact, one of the restaurateurs has a habit of dragging his guests off to a genuine Turkish nightclub, where you can see a room full of men watching a single woman sing - quite an experience if your companions decide to teach the locals a few Red Wedge songs at the same time.

At the centre of the village is a Roman tomb constructed in a cone, with two columns dangling in mid air from the side, the bottoms having eroded away. Nearby is Goreme National Park, where in a single valley there are collected some of the finest examples of the



Fairy Chimneys near Zelve

Cappadocian churches. Amongst the churches there is also a refectory carved out of the hill, seats and table sculptured from the rock. The finest church is the Tokali church, with a vaulted interior and beautiful frescoes on a blue background.

In the valleys around Goreme there are many goat tracks, along which one can spend an afternoon wandering through the landscape. Amongst the cones are a few deserted churches, with fragments of frescoes remaining on the wall, sun bleached with time.

### Kaymakli and Derinkuyu

On the road between Nevsehir and Nigde are the underground cities of Kaymakli and Derinkuyu. Here, the tufa has remained uneroded and the landscape is flat, but this has not prevented the ever active Cappadocians from carving away at the soft rock. Underneath the plain they have carved out whole cities from the tufa, some going as deep as eight storeys below the surface. It is believed that there are more than twenty of these cities underneath the surrounding plain, but only two have been excavated and opened to the public.

Both cities are pretty similar, corridors and narrow staircases connecting rooms in a maze that goes deeper and deeper into the ground. Some of the passageways are lit and signposts indicate the way out; Kaymakli even has an underground cafe! The more adventurous can take a torch with them and explore the unlit caves, that are reputed to extend for miles under the tufa. Littered all over the

cities are huge millstones that were used by the inhabitants to block the passageways against invaders. Probably the best experience of all is to stand at the bottom of the air vent on the eighth level of Derinkuyu and feel the cold air rising up the vent around oneself.

### Zelve

Zelve is the most intact of the rock villages, basically because it was deserted in 1950 due to rock falls. The village has now been opened up as a museum of what the rock villages used to look like, before the modern extensions were built. The village is situated in a natural amphitheatre at the junction of a valley and three canyons, the cliff faces of which are riddled with the openings of churches and houses. The valleys and houses are probably the most typical in Cappadocia; cones piled on cones up the side of the canyons, each cone filled with the windows of the now deserted houses. Most of the houses can be explored, the old monastery being quite a feat, carved as it is out of a sheer cliff. The village also contains the only carved mosque in the region.

Nearby are the Fairy Chimneys; some of the most spectacular forms in the area. A group of phallic cones shaped like some weird fungus thrust from the dusty plain. The soil, although it looks barren, produces abundant grape vines, from which the local wine is made, which is surprisingly good.

**Paul Barton**





# Editorial

## Health Centre

The doctors in the Health Centre seem to have only one thing on their mind, if the letters pages this week are to be believed. Unfortunately, over the past year I have heard numerous stories of female students who are bombarded with detailed and irrelevant questions about their sex life whenever they visit the doctors.

The problem is not confined to females. One male friend of mine took to the Health Centre with a very simple ailment and faced a barrage of very personal and entirely unnecessary questions. He was so upset by this that he climbed off the couch and stormed out of the surgery.

I know that not all of the doctors at the Health Centre are to blame but there can really be no excuse for subjecting students to this sort of inquisition.

It seems that some doctors in the Health Centre are sicker than their patients.

## Jewish Society

I was saddened to hear of the attacks made against the Jewish Society earlier this week. Posters were burned and anti-Jewish slogans ('f\*ck the Jews') daubed along the walkway. The attacks were as childish as they were offensive. It is ironic that an incident such as this should occur in the run up to Imperial College's International Week.

## Manifestos

The deadline for Sabbatical election manifestos has been put back a week to Monday February 27th. Manifestos should be handed in to the FELIX Office by 10.00am accompanied by a photograph, if you wish one to be printed. Late manifestos will not be accepted. Manifestos should be submitted on a single side of A4 paper and should be handwritten or typed, double spaced. A maximum of 300 words will be allowed. Overlong manifestos will be cut at the 300th word. Candidates will not be allowed to proof-read their own manifestos but FELIX staff will ensure that they are printed exactly as written.

## Publicity

Any sabbatical candidates who have not yet seen me about publicity should do so today. I will be available this weekend to assist with the production of posters and leaflets; please see me to book a time when you will be guaranteed complete privacy within the FELIX Office

We will be printing election publicity on Monday and Tuesday of next week and all artwork should be completed by these dates. Any copy for typesetting should be handed in today by 10.00am.

**Credits** Lots of thanks to Andy Clarke, Sumit Guha, Steve Meyfroidt, Sez Wilkinson, Dave Smedley, Wendy Kite, Rob Davison, Doug King, Paul Barton, Andy Bannister, Jason Lander, Simon Bradshaw, Adam Harrington, Wouter van Hulten, Ramin Nakisa, Neil Motteram, Noel Curry, everyone who contributed to the International Week feature, Walter, Wouter van Hulten, Rose Atkins and Dean Vaughan for being cheerful when everyone else had given up, IC Rag and SF Soc for collating last week. Apologies to IC Choir who did finally come and collate last week.

# Smallads

## ANNOUNCEMENTS

●Imperial College Union  
Socialist Workers Student Soc.  
Wed 22 Feb—Racism: What it is and how to fight it. Wed 1 Mar—Why human nature doesn't make socialism impossible. Wed 8 Mar—The Palestinian struggle today. Wed 15 Mar—Why Russia isn't socialist. All meetings in the Green Committee Room, Union Building at 1.15pm.

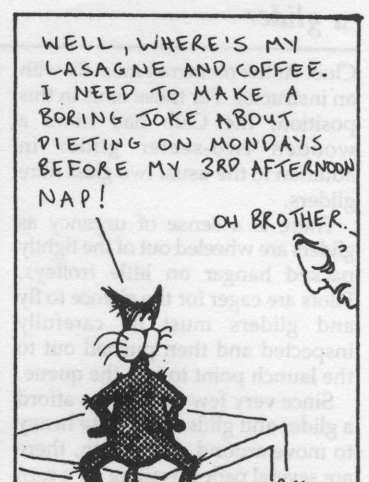
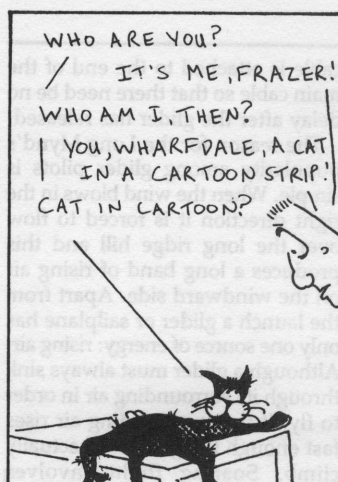
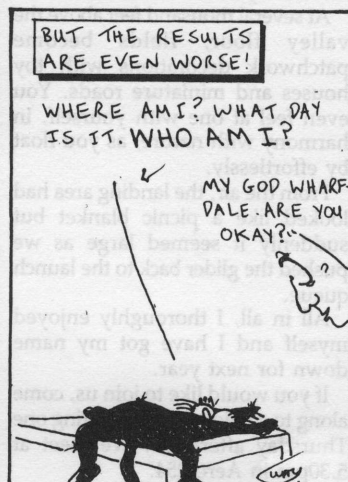
## FOR SALE

●Ford Escort. Tax and Mot, very reliable. £250. Contact A Bamford (int 5131).

## PERSONAL

●Tell Sid! You know it makes sense?  
●Vote Joe!  
●R.I.P.(?) Soc. The new breed of Holbein deviants.  
●R.I.P.(?) Soc—for party games before the sage and onion.  
●R.I.P.(?) Soc—Like 'em ripe.  
●Bored of veggies? Try a stiffy. Marrows aren't more fun.  
●R.I.P.(?) Soc makes the Earth move.  
●Womble the QT, wave the air with IC.  
●Do you get aroused by watching Frankenstein movies? Do you visit museums just to see the mummies? Then why not join R.I.P.(?) Soc. It might be just up your street...!  
●Ah zumba zumba zumba zumba zumba zumba zumba yech.  
●Felicity I love it when you're angry.  
●How many sabbaticals does it take to change a lightbulb?  
●What was Chas Brereton doing in STOIC with a video?  
●Ask Ian Morris for the latest disgusting joke.  
●To the girl with the blue hat. Will you marry me - Freddy.  
●Aliens from the planet Zog

have taken the serial number of my camera. Flight 207 from Gatwick will be replaced by a replica on March 17th in mid-flight. The CIA will investigate but will cover up the evidence in favour of the left wing anarchist takeover. See my ad in the London Evening Standard 12.01.89. The signal is fading. Zev Red Jacket fading out.  
●And now the end is near and so I face the final curtain. Drinks, I've had a few but then again too few to mention. There were times, I'm sure you knew, when I bit off more than I could chew, but that's all over now that I have started eating in the snack bar.  
●Go get 'em floyd.  
●SW you drive me crazy from the man with two heads and the red walking stick.  
●Andrew Allum is a communist spy.  
●To the man who pasted up the letters page and forgot the rotting. May peckery dung fall on your head.  
●Turnips get your turnips here. Only 20 pence a pound. Buy one, get two free.  
●Bob Dylan fan club requires second member. Contact FELIX Office for sympathy.  
●And all because he loved....  
●Professional photographer needs female model for calendar project. Contact Doug King via FELIX Office.  
●So I was wrong. Big deal - Charles Darwin.  
●Dear Landlord please don't put a price on my soul. My burden is heavy, my dreams are beyond control. When that steam boat whistle blo-o-o-ows I'm going to give you all I've got to give and I do hope you receive it weeeell depending on the way you feel that you live.  
●Felicity you're so full of electricity. Its quite an eccentricity. Let's do something illicitly. Oh Felicity.





# Rising Thermals

By Nicholas Merriam

This Christmas, the Imperial College Gliding Club shook off the winter blues with their flying holiday in the Shropshire hills. Home of the Midlands Gliding Club, the Long Mynd Hill site often provides the best of this country's winter soaring conditions and pilots from all over the country go there during their New Year breaks.

We towed two single-seat aircraft and one two seater off to Shropshire and up the perilous hill itself. Students and ex-students made their way by road or by train, converging on the small town of Church Stretton. Despite getting one glider trailer completely stuck and needing two cars to rescue it, we ended up at the top of a bleak, windswept ridge hill, our home for the next week.

Among the novices of our group, I had come for a taste of flying away from our home site at Lasham in Hampshire. As I was to find out, flying on a small, windy hill is very different from the huge airfield to which I was accustomed. Since mid-October I have been learning to fly with the Imperial College Gliding

on each glider. Gliders are usually launched by one of two methods; winching and, less often, aerotouring. Aerotouring involves being towed behind a powered light aircraft. The cheaper alternative is to attach the glider to a very powerful winch on the ground, some distance away from the launch point. The strong cable is drawn very quickly by the winch. This high speed, up to sixty knots, allows the glider to climb very rapidly to a height of about fourteen hundred feet. When the glider gets near to the position of the winch, the cable is released and it is free to fly away. The Midlands Gliding Club have a second winch back at the launch point which draws the main cable back for the next glider. This lighter

staying aloft for a prolonged period of time by using this lift, either to avoid descent or to recover height lost flying in still or sinking air.

Unfortunately, this means that the Long Mynd is at its best only when the wind is strong and coming from the right direction. One day I did get an extended flight, having found rising air caused by nothing apparent.

The flight was preceded, as always, by a series of control checks and strapping myself in well. Then came the rocket-like acceleration as the winch powered us forwards, and the steep climb to get as much height as possible. In moments the launch was over, the cable released and we were free. My instructor had pointed out that a number of gliders had been accumulating in one area and seemed to be staying up there, so we set off to join them.

The rising air was limited in area and since it is not possible to simply stop in it we circled. One of the arts of soaring is to be able to find a circle within an invisible column of air.

Our indicator is the position of gliders already circling. Careful and precise flying is required when near other gliders in this situation. You must be careful to keep a close eye on the other gliders around you and you must fly an even, accurate circle to make the most of the lift. Poor flying in this respect causes your circle to drift out of the area of lift and to slip down faster than is necessary.

This is when all the hard work on the ground suddenly seems worthwhile, gently drifting, bird-like, across the countryside. This area of Shropshire is particularly scenic and, gazing down at the tranquil valleys, there is suddenly nowhere you would rather be.

At several thousand feet above the valley floor, fields become patchwork decorations with toy houses and miniature roads. You even feel at one with yourself, in harmony with nature, as you float by effortlessly.

From the air, the landing area had looked like a picnic blanket but suddenly it seemed large as we pushed the glider back to the launch queue.

All in all, I thoroughly enjoyed myself and I have got my name down for next year.

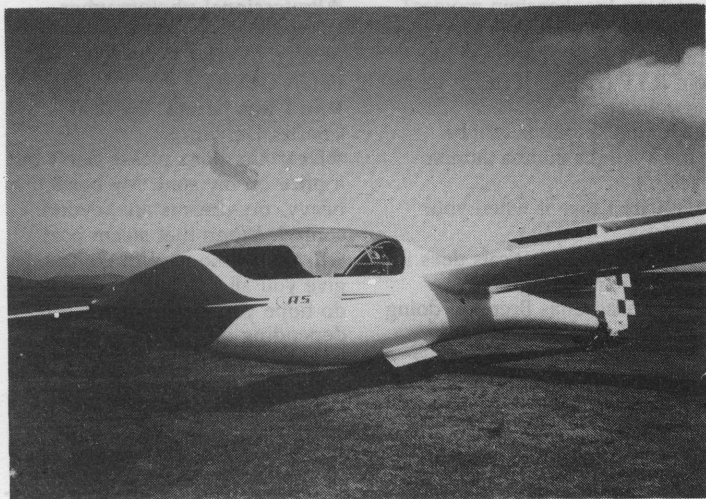
If you would like to join us, come along to a Gliding Club meeting one Thursday afternoon. We meet at 5.30pm in Aero 254.

## WALTER WALTER WALTER

The day of St Valentine has come and gone, and on top of that we are now busy recovering from that other major event in the Christian calendar. All those who immediately thought Walter was referring to the budget, go and stand in the nearest corner. He was, and is, referring to Shrove Tuesday. The original derivation of Shrove Tuesday was the desire of Christians to use up all their remaining scraps of food, in order to prevent it becoming a festering pile during the fasting time of Lent. This has been submerged in the modern desire to lay in mighty stocks of lemon and honey, prior to the manufacture of pancakes; a noble task.

You might gather from that last comment that Walter is a considerable devotee of pancakes, and he is put in mind at this point of a physicist friend who desired to prove that it was impossible for a standard composition pancake to stick to the ceiling. The experiment was conducted in impeccable style: Make pancake, propel upwards from pan, observe result. This technique proved to have one fatal flaw, which was that in order to observe, one has to stand underneath, so to speak; a risky procedure, and all the more so in the light of the eventual findings of the said physicist, which may be summarised in the ancient phrase, 'What goes up, must come down.' Physicists are a remarkable lot, indeed. Walter is no physical scientist, preferring to stand pat with those who study social systems; he therefore tends to have a difficult time understanding the finer points of, for example, the branch of physics which he feels would be best named 'Jolly Small Particles and Things'. This is not made any easier by the way in which our Physical brethren insist on naming their particles. Quark, Charm and Superstring are names which spring to mind. It would be churlish to speculate that the reasoning behind these names is that they are easy to spell.

Another set of things which are for once easy to spell, is the list of this year's sabbatical candidates. Now that the papers have gone up, Walter is obliged to refrain from mentioning any of those names, but candidates need not think that they have escaped scrutiny altogether; once the whole shouting match is over, the full story may be published in full.



a glider

Club. At the moment I must fly with an instructor. For those of us in this position, the Club had hired a wooden two-seater glider in addition to the usual two glass fibre gliders.

There is a sense of urgency as gliders are wheeled out of the tightly packed hangar on little trolleys. Pilots are eager for the chance to fly and gliders must be carefully inspected and then pushed out to the launch point to join the queue.

Since very few people can afford a glider and gliders are quite heavy to move around and launch, there are several people waiting for a turn

cable is attached to the end of the main cable so that there need be no delay after the glider has released.

The reason for the Long Mynd's popularity among glider pilots is simple. When the wind blows in the right direction it is forced to flow over the long ridge hill and this produces a long band of rising air on the windward side. Apart from the launch a glider or sailplane has only one source of energy: rising air. Although a glider must always sink through its surrounding air in order to fly, if that surrounding air rises fast enough the glider will actually climb. Soaring flight involves



## Imperial College Union's International Week 1989

20th-25th February

### Chairman's Message

Welcome to International Week, the major annual event organised by the Overseas Students' Committee (OSC). This year's International Week will be held during the third week of February (February 20 to February 25, 1989). The climax of the International Week will be the International Night on February 25. Throughout the night, you will be offered excellent opportunities to taste delicious food from various parts of the world (Italian pasta or Chinese Peking duck and, to enjoy fascinating Afro-Caribbean disco dancing, or to be lost in the traditional Brazilian Carnival. The programme also includes a national culture exhibition, a national fashion/clothes show and a Chinese variety show.

Lastly, if you don't want to miss the Frank Bruno vs Mike Tyson fight, don't worry, there will be a large screen TV to show the event  
*Tieniu Tan, Chairman OSC.*

### Malaysia

Here's the place of sun-washed landscape, of dappled trees, sparkling shores, lakes and bays, graceful people, different races living harmoniously.

Malaysia is situated in Southeast Asia just north of the equator. It consists of two regions, Peninsula Malaysia, on the southernmost tip of mainland Asia and East Malaysia on Borneo Island. It is a rich and fertile land populated by some 17 million people made up of Malays, Chinese, Indians, and the indigenous people of East Malaysia.

One word describes Malaysia. Fascinating. Simply because of its immense variety of attractions. Historic buildings, river safaris, snake temples, scuba diving, orang utans, golf, bird watching, sailing, handicraft, or just sun and surf, it's all in Malaysia. Perhaps the most fascinating of all however is the people. Malaysia's many communities each has its own dances, dramas and festivals, all throughout the year.

Imperial College Malaysia Society provides the opportunity for students to meet and socialise and we welcome anyone who wishes to sample our warm hospitality.

*J Jenggi, Mech Eng 2  
President, Malaysia Society*

### Pakistan

Pakistan is situated in the Indian subcontinent between India and Iran. Its history can be traced back to 2500 BC when a highly developed civilisation flourished in the Indus Valley. Pakistani cities were flourishing before Babylon was built and its people practised the art of good living before the Ancient Greeks.

It is a fascinating country as there you can go skiing or trekking among the highest mountains in the world, wander around on sites of ancient civilisations, see historic places such as the Khyber Pass or simply enjoy the breathtaking beauty of our Northern areas.

The Pakistan Society at IC aims to promote every aspect of Pakistan and act as a social platform for Pakistanis at IC we celebrate all Pakistani national holidays and squash, cricket and football are among our sports activities.

*M Saeed Khan, Pet Eng PG  
President Pakistan Society.*

### Nigeria

Nigeria is a nation of about 100 million people with a land mass of about one million square kilometres. The climate is typically tropical in the south and mainly sub-tropical in the northern parts of the country.

A multi-cultural nation with a long standing and rich artistic expression, Nigeria is known for its wood carving, bronze and brass castings, leather works, dyeing, painting and embroidery.

*J F Durodola, Mech Eng PG  
Chairman, Nigerian Society.*

### Chinese Society

The Chinese Society is one of the major overseas societies at Imperial College, with well over 100 members.

During the session 1988-89 we have organised functions such as the Farewell Party, Sports Exchange with Reading University, 'Easter Ladies Night' disco, Freshers' Party, a trip to Alton Towers, piano recital, New Year's Eve dinner, variety show and many other events. So we provide the intellectual, cultural and physical recreation of members.

It sound interesting doesn't it? So come along to one of our functions and find out more about the Chinese Society.

*Pandola Ho, Micro Biology*

### Italy

Italy has long been known for its sense of style, its openness to the world's cultures and its tradition of excellence in the arts, science and architecture.

In the last few years a number of Italian students and students with Italian ties have increased and the society was set up in order to give people the opportunity to know more about one of the leading European countries.

Anyone interested in joining the Italian Society, please contact Mr Rony durek, Chem Eng 2 or internal 4403.

### Hellenic Society

The Hellenic Society's aim is to promote the national and cultural features of Greece in IC.

Greece, a country with a history of three thousand years is considered by many people as the origin of civilisation. It's the joining bond between Europe, Asia and Africa. The land of the sun and the sea.

During many years of its rough history, Greece was under foreign occupation. Greek people have made an enormous struggle to gain their national independence and just in the early years of this century, Greece—as it stands today—was formed. Nowadays Greek people are working for progress and peace in their country and in the whole world.

*D Estaxiopoulos, Maths PG.*

### Cyprus

The clichés of the Mediterranean holiday really do come true in Cyprus, the longest island in the East Mediterranean. The sun really does shine bright for most of the year and the beaches really are unspoiled. Behind this tranquility, however, lurks a long history of foreign rule going back some 8000 years. Cyprus became an independent state in 1960. In 1974 Turkish forces invaded Cyprus. As a result 40% of the island was occupied and one third of the population uprooted. Today, fifteen years later, Turkey continues its unlawful occupation. Even as Europe becomes united, Cyprus, a small European state remains divided.

*E Evzeniou, Mech Eng 2  
President Cypriot Society.*

### Sri Lanka

The island of Sri Lanka (Ceylon) has held a special fascination for the visitor over many centuries. It has been said that 'there is no island in the world that has attracted the attention of authors in so many distant ages and so many different countries as Ceylon' and also that 'there is probably no place that occurs so frequently or is so correctly situated in ancient maps.

Today the Republic of Sri Lanka has a population of over 16 million people. It's economy is largely agricultural and consists of rice cultivation, rice being the staple food, and three major commercial crops: tea (for which the island is world famous), rubber and coconut. Some of its ancient exports such as gems, cinamon and spices retain an important place in the economy.

The principal nationality, comprising about 80% of the population, is the Sinhalese. The other major nationality is the Tamils, speakers of the Tamil language and mostly followers of Hinduism.

*Samantha Kappagode, Maths 3  
President Sri Lanka Society.*

### Singapore

The Malay Annals record that Singapore derives its name from 'Singa' which means lion. This is probably from the anecdote of a Malay prince naming the city after sighting the beast in the island.

The country has no national resources but its dynamic people have made Singapore into the most important finance, production and trading centre between Hong Kong and the Persian Gulf.

The IC Singapore Society aims to promote interaction and friendship between Singaporean and non-Singaporean students of the College and also introduce the cultures and philosophies of South East Asia.

You can experience South East Asian cooking at the Singapore food stall at International Night when we will be offering Fried Bee Hoon (or vermicilli), Tao Hu Goreng (beancurd salad).

Happy Eating.

*Karen Phua, Chemistry 2  
President Singapore Society.*

Special feature on Turkey page 4.



## Leslie Nielsen

### An interview with the star of *Naked Gun* by Sumit Guha

Leslie Nielsen is one of those actors with an instantly recognisable face, if not name. He has appeared in around sixty films and over one thousand American TV shows. But, only now, at the age of 62, is he receiving widespread international fame and star status.

Before now, many of us knew him as the silver haired doctor in *Airplane*, produced by the ZAZ team (Zucker, Abrahams, Zucker). He followed that with a short lived comedy series, *Police Squad*; a parody of all those US cop shows. He played the bumbling LA cop Lt. Frank Drebin.

In *The Naked gun*, he reprises the role in an hilarious film version of *Police Squad* made, with their usual lack of subtlety, by the ZAZ team. In the opening sequence Drebin goes on holiday to Beirut 'to get some peace', and ends up battling the Ayatollah, Idi Amin Gadaffi, Arafat and Gorbachev in a fist-fight!

The film also stars Priscilla Presley, in her first big screen role, and Ricardo Montalban as the mastermind of a plot to assassinate the Queen.

Director David Zucker says 'I think that, behind the jokes and the gags, *The Naked gun* has an important message. It's one man's struggle within himself to defeat the demons that terrorise the soul, set against the backdrop of the Crimean War.'

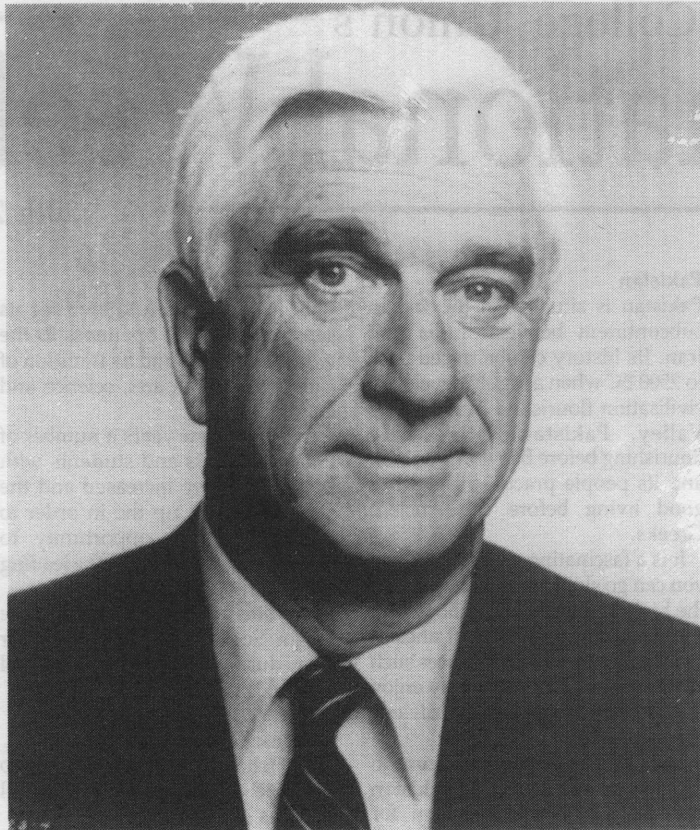
We weren't quite convinced, so we caught up with Leslie Nielsen on his recent visit to London to get a few answers.

He walks into the room dressed casually as if he's just been for a walk in the park. His mood is relaxed and jovial. He sits down and immediately offers us a mint. 'Anybody want a pill', he chuckles. This guy is not your usual Hollywood leading man.

#### Can you tell me something about your television series?

It was called *Police Squad*, and it was in my opinion one of the funniest series. We had some wonderful things in it. We had a guest star each week who died in the main title, stars like Lorne Greene, Bill Conrad and John Belushi. In the movie and the TV show we had *Big Al*—he was too tall and we didn't have enough money to get his head in the frame.

We had a shoe-shine guy in the



series who was an expert on everything from how to coach baseball, to doing a brain operation. We always had a phrase, 'Go find out what the word is on the street', meaning 'Go get your shoeshine', and I'd say 'What's happening with the gymnasium kidnapping', and he'd say 'Oh, I wouldn't know about that', looking up and down the street. You give him a dollar and then he talks, spilling the beans, telling you how to do anything and everything.

At the end of the show we have a freeze frame. We didn't have enough money, so we'd freeze manually. So I'd be talking with my boss. He says at the end 'It's really wonderful, justice being done'. I'd say 'That's right'—he freezes. Now he'd smile and I'd be smiling but he'd be pouring coffee through my fingers.

It has become a kind of a cult show in the States and even when we were taken off the air after four shows, in LA alone they received over 20,000 letters from people who were terribly offended, as well as critics conducting letter writing campaigns who were totally offended that ABC had the audacity and insensitivity to take this breath of fresh air off the air.

His tone gets slightly harsher giving the impression that he would like very much to string up and dismember each of the ABC executives responsible.

But in any event it didn't belong on television because it's the kind of humour that you must pay

attention to, and when you have something up on the big screen, where you've gone there to view it specifically and since it's bigger than life you'd see things you don't see on TV. Television is like an adjunct to the family—you get up in the morning and you turn it on, and you can hear it, it's in the background. If you hear a laugh or a noise you take a quick look and somebody can tell you what happened but you listen to it, you don't watch it. With us, our humour, you really have to watch and pay attention because of its craziness.

At this time someone opens a door by mistake. 'Wait a minute', he says putting on a serious face, 'We do police work here'. The guy is scared off. 'See how easy it is'—he smirks.

#### How and why did you get involved with this type of humour?

'When I got the script (to *Airplane*) for the first time, I called my agent and said 'I don't want you to negotiate this. Don't tell them, but I'll pay them to do the part! I'm on that wavelength, that's my kind of humour—that style of insanity. After watching the crisis drama shows that I've been doing through the years, I began laughing at myself, at the grave situations we were involved in. So I knew immediately why they wanted me for *Airplane*, because if I behave as seriously as I did in my regular work, this stuff would be very funny.'

You get to grips with the Queen of the film. What do you think of your chances of an honorary knighthood, now?

Breakfast wouldn't be bad! In Canada the monarchists were very offended and I suspect that there will be a few people who will be offended. That's the way it goes. But in general I think that the vein of humour will carry the day and there'll be no big deal.

#### What type of people make you laugh?

Anyone who catches me off guard. I like dumb things. I like wit. I will try anything and everything to get a laugh.

#### What about British humour?

I like British humour. A lot of American humour takes you by the hand and leads you through to the joke. In British comedy you're left to find the joke yourself. But if it makes me laugh I like it.

#### What about Priscilla Presley? Did she take well to playing comedy?

She took to it so easily. She's a very elegant and beautiful woman. I think that's part of the exterior she wishes to present to people. So there she was, across the stage on our first day. The moment I caught her eyes I went.

He crosses his eyes.

And she went,

He crosses his eyes again and makes a silly face.

And that was it. So you've got this elegant woman who's got that eleven year-old girl working inside, ready to make faces. So I knew then that we'd have a lot of fun, and we did.

You're in the hands of people like ZAZ. I have such abiding respect and admiration for them. They're very funny and supportive. If you think about the humour in the picture there's nothing mean spirited about it. It's just affectionate somehow, so there's no way that Priscilla would not do well.

#### At what point would you draw the line with their humour?

With the Zuckers I have such respect for them, not only as professionals but humans that I would do almost anything they'd say. In the end I trust their judgement completely. For example, in the slaughterhouse scene, we had a terrific vomit sequence that we cut. It was just gross. I was a little worried about the 'Hit the Fan' sequence in *Airplane*, but David (Zucker) took me to a theatre and, of course, the kids went mad. So I trust their judgement.





#### How successful has the film been?

It's done to date about \$70 million. I don't know what the figures mean myself, but those who do are grinning and laughing and walking around whistling.

#### Are you now a big star?

How do you measure that? If it's exposure—yes. If I'm associated with this type of fun then I'm delighted and I hope it continues.

#### What would you like to do next?

I don't know. I'm an actor. I've been at it all my life. I'm still willing to try everything and I enjoy it a great deal. I hope serious parts are not ruled out.

#### Is there going to be a follow-up to this film?

Yes, they have already begun it. They were told to go ahead before we had even opened in the States. I, as Frank Drebin, would like to go undercover as a brain surgeon, I think. They'll have me going to the Oval Office where I'll be met by

President Bush, who will instruct me that the undercover assignment is to find Mr Big, in charge of international narcotics.

Mr Big is going to have to be Ricardo Montalban, who died in the first film, but he's going to have an evil twin, maybe quintuplets—if we had five stories maybe Ricardo can die five different times.

The shoeshine guy will be back and, I think, the freeze frame. I hope they get back to what the series was originally.

#### Do you think there'll be another series of *Police Squad* on TV?

I don't think so. I would prefer not, myself. It doesn't belong on television. I would be quite happy to do one of these insane movies each year, for a short while anyway.

And so our meeting ends and Leslie Nielsen departs to tackle the likes of Wogan, on the usual publicity train, and then back to America to make more insane movies.



## Arthur 2 on the rocks

'It doesn't matter if you're rich or poor, as long as you can afford anything on the planet you could ever want.' An objective view of life imparted by Arthur Bach to his new butler Fairchild. Many a true word, as they say.

Dudley Moore has returned to the screen as the lovable tipsy multi-millionaire, still quipping his way through opulent frolics with wife Linda (Liza Minelli), despite the loss of his butler and best friend Hobson (John Gielgud).

The replacement comes in the form of Fairchild (Paul Benedict) who offers a sterile subservience beyond the call of duty. 'Hobson used to hit me with his hat' says Arthur 'and call me a spoilt little shit.' We must have gone to different buttling schools, sir', replies the astonished Fairchild.

This is the only new face in the sequel to the 1981 smash hit. Arthur's would be wife, Susan Hohnson, and her father Burt return to hatch a plot aimed at forcing Arthur into marriage. the principal move is seizing control of the family business, and in the process removing Arthur's personal fortune. He visits grandma Martha who tells him 'Burt Johnson has got

this family by the nuts. Marry the bitch.' Arthur is determined to get a job and survive with Linda, who hopes to adopt a baby.

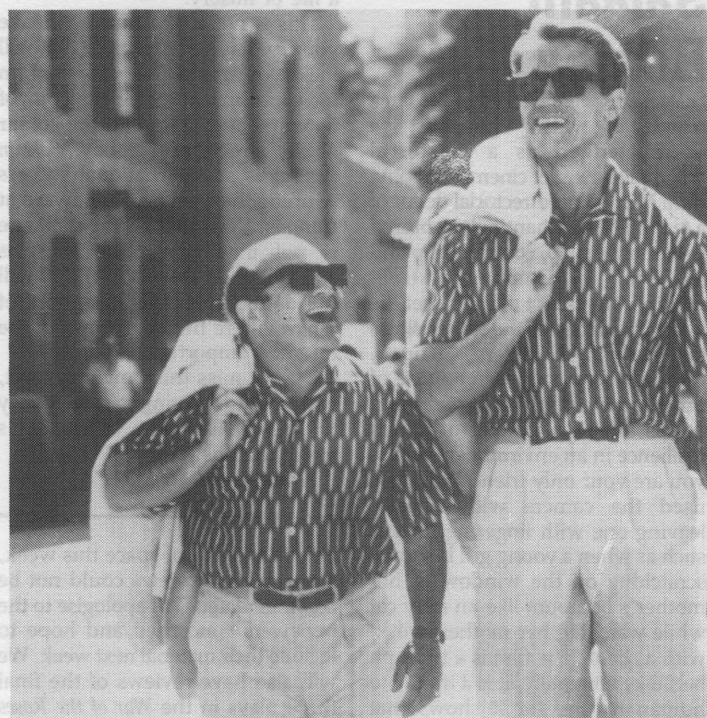
At this point there is a sharp change in the script, hitherto amusing and at times even hilarious. As events compound against him Arthur loses Linda, his last grip on sobriety, and most importantly his witty dialogue. The film develops into a rather odd blend of tear-jerker and comedy.

The parallel deprivation of a rich man without money and a mother without a child are shown, displayed as the underlying substance of the movie. In his alcoholically deluded state Arthur has hallucinations of Hobson, who shows him how to create the unfeasibly happy ending which we can all forsee.

When Gielgud appears, skillfully avoiding a caricature of his definitive *Spitting Image* self, it becomes clear what both Arthur's life and the film have been lacking all along. His reappearance provides the best sequence of the story, a welcome resurgence.

Despite this, and regardless of Moore's ability as a comedy actor, *Arthur 2* doesn't quite make the grade. It is generally funny where it tries to be, and certainly tore at my heart-strings where it hoped to, but overall it remains a confusion of conflicting feelings. There are several more entertaining films around and I recommend you go and see one of those instead.

Andrew Clarke.



## PREVIEW

### Twins

It's the combination of the year—Arnold Schwarzenegger (*Red Heat*, *Predator*) and Danny De Vito (*Throw Mamma from the Train*) as twins separated at birth. They are the product of an experiment in science. Schwarzenegger plays Julius, the perfect specimen, who has been raised on a South Seas island. De Vito as Vincent, a less than perfect specimen, a small time hustler.

Julius seeks out Vincent and together they try to track down their mother, encountering adventure on the way. Julius discovers sex and Vincent discovers responsibility.

Well, it sounds to me like

someone had the great idea one day of teaming up Arnie and De Vito in a film, but then forgot to provide them with a plot. It will be very interesting to see Schwarzenegger actually trying to play intentional comedy. He even makes his singing debut in this film. The mere thought curdles my senses.

De Vito may be a lot more adept at comedy but seems to be rehashing his character of Louie from *Taxi*.

It's a publicists dream, and a chance for critics to sharpen their tongues. I think curiosity alone will ensure that this film is a hit. It's a clever ploy on the part of the film company—whether the film is good or bad it'll have people laughing.

In the States the press tore it to shreds, the public went to see it in droves and Arnie's wallet got fatter and fatter. He'll be running for public office next.

Release Date 17th March.

Sumit Guha.





## A Common Woman

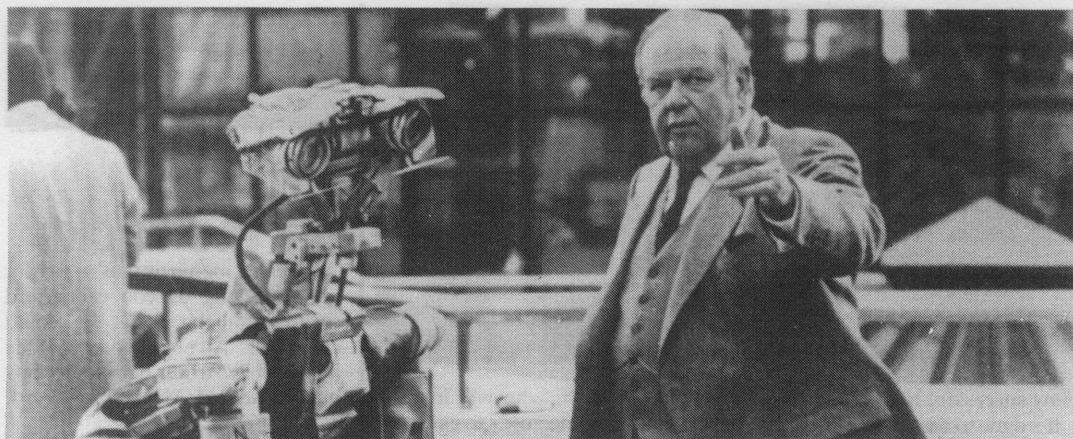
By Davio Fo, Franca Rame, performed by Gillian Hanna at the Half Moon Theatre, Mile End Road.

The title is misleading in that this is a compilation of three monologues performed solely by Gillian Hanna (of the all-female 'Monstrous Regiment' Theatre Group).

'Bless me Father for I have sinned', was originally set in Italy when the Red Brigade were rampaging. One translation to English the comparable setting was considered to be the Republic of Ireland just after the heyday of flower power. For this playlet the theatre was filled with incense, as it took place in a church in the form of a confessional with a priest. The confessor was a fifty year old hippy. Her story was a moving one of imperfect motherly love, and how she came to be a hippy. The portrayal of this mature woman sitting cross-legged on the church floor recounting how she got high on hooch, is extremely funny. It is also touching, though the introduction of politics (the author wrote *Accidental Death of an Anarchist*) is somewhat clumsy and completely unnecessary.

*The Rape* is so tense and so involving that for the duration of the monologue it seems that the only object to have even existed was the humiliated and down-trodden woman sitting on the chair. She is an English woman of indeterminate age who recounts her experience without any running about, unlike the other monologues. Franca Rame, who wrote this, was herself raped, and the intensity of autobiography shows through in the detail of the account. 'I wanted to drown the chaos in my head' to the 'sperm trickling down my legs' show powerfully the humiliation and degradation at the hands of those men, and the terror of further humiliation at the hands of the police.

In *Coming Home* Gillian Hanna plays a truly 'common woman' in the old English snobby sense. She is in her late twenties and lives in a council house. In a fit of severe frustration with her husband, she goes out to find herself some love to assuage her passion. There is a wonderful bed scene in which she leaps about with a pillow—pretending it's the man she's been



## Short Circuit 2

*Short Circuit* was a cinema hit about three years ago. It was all about a cute little robot in the big bad world, with the intelligence and self-awareness of a QMC student courtesy of a handy lightning bolt.

In the sequel, one of the designers of the robot, Number Five, gets totally hacked off with making weapons and goes off to New York

to make and sell toy Number Fives. He lands a big contract to build 1000 in time for Christmas so he calls in the real Number Five to help out. All this is complicated by a jewel robbery sub-plot foiled by our alloy friend. (Perhaps the toy robots are the sub-plot, I don't know.)

Basically the film is a mixture of plots and characters from other films, so badly put together you can almost see the joins. The star, Number Five seems to be a cute metallic ET with a funny voice and reminiscent of *Crocodile Dundee* in the big city for the first time.

The character of the robot designer is Indian, and is played by a made-up white American actor in such a patronising and clichéd way

that some people might find the film offensive, just like Peter Sellers in *The Party* but without the comic genius of Sellers. There is an inevitable romantic interlude in which Ben, the Indian designer is helped out by Number Five (just like Roxanne).

In Hollywood today, true originality is rare and precious, but in this film the plagiarism is almost painfully obvious. There are good moments but these are not all that frequent and many of the jokes have been seen before.

When all said and done this is a tolerable 90 minutes of mis-entertainment, more suited to video than the cinema.

Mike Morton.

with that day. The man in question she describes as being 'not quite sure if he's AC or DC'.

This is a comedy—a bit of a jolt after the deadly serious play preceding it—with a French farce twist at the end.

The unifying idea behind these monologues is to give a bit more juice to the feminist cause, although not militantly, by showing the woman's point of view.

The theatre is close to Stepney Green tube and is a horrible breeze-block barn. Phone 790 4000 for information.

Adam.



## Salaam Bombay

*Salaam Bombay*, released in Britain a couple of weeks ago must be acknowledged as a masterful accomplishment of cinematography. Mira Nair in her directorial debut of a feature has enchantingly captured the emotions, the comradeship and suffering of Bombay's street urchins. No aspect of the street life is left untouched as the story follows the central character, Chaipau, through his existence in a maze of prostitution, pimps and peddling.

This film is a tribute to human resilience in an environment where you are your only friend. Mira has used the camera with finesse, leaving one with lingering images such as when a young girl is shown scratching on the window of her mother's bedroom like an alley cat while watching her mother 'work' with a client. The film is a triumph because, ultimately, it is a tribute to human nature, for it shows that even in bleak circumstances the

street urchins show occasions of the noble sentiments of love and care for others even though their own survival is uncertain. The film ends with Chaipau sobbing uncontrollably—he is fated to lead a life of misery.

This is not a film that will make you cry. It is a masterpiece that will make you admire the beauty of film for capturing human behaviour of its worst and best amid the colour of the streets of Bombay. *Salaam Bombay* is an international success winning the Camera d'Or award at Cannes. Even though the dialogue is not in English (the subtitles showed good translation) this will not detract from the enjoyment of a film where the images are of the foremost importance.

Do not miss this powerful treat, which is also helping to raise money for the rehabilitation of Bombay's street urchins.

Yishu Nanda.

Due to the lack of space this week, a number of reviews could not be accommodated. We apologise to the reviewers concerned and hope to include their material next week. We will also have reviews of the final three plays in the *War of the Roses* series.



# SCIENCE Ψ Input!

Ladies, Gentlemen and yet more gentlemen of Imperial College, FELIX is proud to announce the reappearance of the Science Page. This week we present a peculiar article on strange matter. To come: Holography and Optical Computing and an explosive article on Chernobyl. This, however, may be where we have to stop. A page like this, in a college like this should be bursting with articles on a myriad of subjects from aeronautics to zoology.

If you are a researcher convinced that your latest project will be the greatest leap forward this century, or if you are a humble undergraduate with a pet subject, I want to hear from you. I do not want this page to sink without trace beneath the boundless reserves of apathy for which IC is renowned. Surely not every person in college wants to become an accountant or IndSoc chair. Somewhere, buried deep in some forgotten corner of some forgotten lab there is someone with a genuine enthusiasm for his subject. Professors, PhDs, BEngs, BScs, MDs, undergrads, labtechs get your pencils out and write. This is a broad church: articles on subjects such as science and politics, science and philosophy, science, drugs and rock and roll will all be welcome.

A few ideas to get you started. Last week's FELIX carried a feature proclaiming creation superior to evolution as a theory. For God's sake, to coin a phrase, will some devout evolutionist reply? A few weeks ago, a former union president advocated closing much of the royal college of science. Let the voices of the scientists be heard.

If you have a written article, or just a few spare ideas, I will be delighted to hear from you. Pop into the office any lunchtime or evening or leave a note in the Science Editor's pigeon hole. Remember, the Lab Book is mightier than the sword.

It is as dense as an atomic nucleus but several thousand times the size. It can devour matter and we may soon be able to make it. It is, as Simon Bradshaw explains 'Strange Matter.'

## Something strange

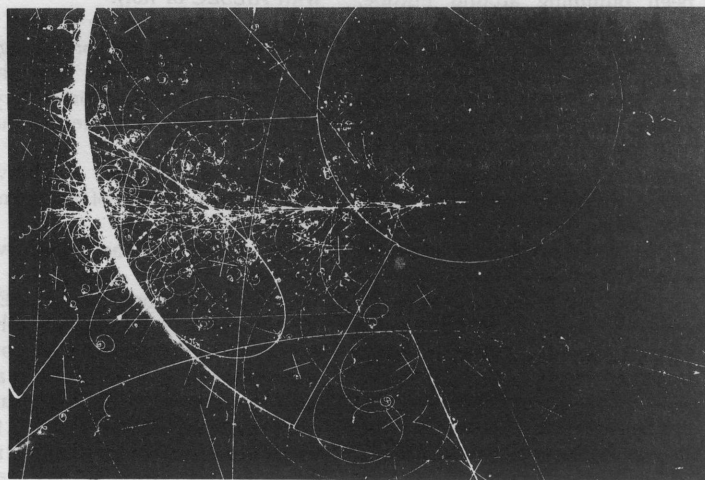
Imagine a form of matter so dense that a speck big enough to see would weigh millions of tonnes. A form of matter that eats normal matter releasing incredible amounts of energy. A form of matter that could have a dramatic impact on science and technology. Soon perhaps you won't have to imagine it, because several theoretical physicists seriously think that they can make it.

What we are talking about is strange matter. Its name comes not from its unusual properties but rather because it contains so-called 'strange quarks'. But what exactly is a quark and why are some types stranger than others?

Matter is made of atoms, and atoms are made of electrons surrounding a nucleus. The nucleus is made of heavy particles called protons and neutrons, and if you left physics at O or A level that is likely to be as far in as you got. Physicists are now fairly confident that they know something of the structure of these particles; they believe them to be made of even more fundamental particles called quarks (after a reference in James Joyce's *Finnegans Wake*). Current theory calls for six quarks, dubbed Up, Down, Charm, Strange, Top and Bottom. They all have either  $2/3$  or  $-1/3$  of the charge of a proton, in contrast to normal subatomic particles which have whole number charges (e.g a proton has  $+1$  charge, an electron has  $-1$  charge).

A proton is thought to be made up of two Ups and a Down, whilst a neutron would be two Downs and an Up. Since matter is mainly protons or neutrons (electrons do not contain quarks) then it is mainly made up of Up and Down quarks. But there are other quarks available, and they could well have a hand too.

Up and Down quarks like to congregate in threes as described. A large drop of Up and Down quarks would normally be unstable. If though some Strange quarks are added then the drop becomes more stable. A couple of years ago it was suggested that drops with masses of more than a few protons, made up of equal numbers of Up, Down and Strange quarks, could be totally stable. The droplet would appear to



be a large atomic nucleus, except that whereas atomic nuclei become more unstable the larger they grow (so heavy elements like uranium are radioactive because their oversize nuclei fall to bits), strange matter drops are stable no matter how big they become. Because a lump of strange matter behaves like a giant atomic nucleus, it is very, very dense. A lump the mass of the sun would be only a few miles across.

Strange matter has another intriguing property though. It eats normal matter. Protons are easily absorbed, but absorbing a neutron releases immense quantities of energy (effectively what you would get by converting the neutron totally to energy ( $E=mc^2$  strikes again)). Since over 50% of ordinary matter is made up of neutrons, if you feed some to strange matter then over half of it will be converted to energy. At this rate about tenkilos of ordinary matter (of any sort!) would provide as much energy as the typical nuclear plant does in a year.

If strange matter is so dense, how do you hold on to it? Fortunately this problem is easily solved. Strange matter eats both protons and neutrons, but whilst neutrons are neutral, protons are positively charged. Hence after eating ordinary matter, a drop of strange matter becomes positively charged and can be held in place by an electric field. This also explains why a lump of strange matter, if dropped, would not devour the whole Earth. The more it absorbed, the more positively charged it would

become, until soon it would repel ordinary atomic nuclei pushing it aside. If a strange matter drop was being used as a power source, it would have to have its positive charge periodically reduced otherwise it would develop the subatomic equivalent of constipation.

Fair enough, but where do you get your strange matter? Attempts to look for naturally occurring droplets have been unsuccessful, but an Oxford physicist, Richard Dalitz, together with other physicists from California university at Irvine, thinks that it should be possible to use the particle accelerators at CERN in Geneva to produce tiny droplets of strange matter. These would be passed through tanks of liquid hydrogen (which contain large numbers of protons) to grow them to a stable mass (several thousand times that of a proton). The strange matter drop resulting from this would be held in a containment field and slowly fed matter to absorb. As it did so it would release intense gamma radiation which would be absorbed by shielding, heating it up in the process. Free heat, and free energy.

If strange matter really can exist, and if it can be made in the laboratory, we may yet see the long awaited free lunch of truly cheap energy. Strange, but true.

**Simon Bradshaw**



## International understanding

Ever wanted to work somewhere in South East Asia, America or maybe even behind the Iron Curtain? Ever been bumming around Europe, night time, no place to stay? Does your College give you claustrophobia? You need a change. Does all the theory give you mental constipation? You need to get something tangible going. you want to find out more about the business world, maybe even meet the people that might give you a job when you graduate? Do you have some good ideas, but no cash and connections?

AIESEC is a direct outcome of students trying to resolve these kinds of questions. In the official lingo, it's 'the world's largest non-political, non-profit making, entirely student run organisation'. AIESEC was started back in 1949 by a group of students from seven countries, and is now represented worldwide in 67 countries, by about 50,000 student members. AIESEC is a French synonym which stands for 'International Society of Economics Students'—but has been so successful that it now embraces students from virtually all areas.

### AIESEC has two aims

- To increase international understanding and cooperation.
- To bridge the gap between universities and the 'real world'.

Branches are free to move inside these guidelines, and at Imperial we're hoping to develop the undergraduate body by:

- giving students the chance to expose themselves to companies and the 'real world'.
- give students the possibility to have an experience overseas.

- the creation of a fund to sponsor students projects (irrespective whether they have anything to do with AIESEC or not).

We can do this because AIESEC:

- enjoys immense support through sponsorship and advice from the business and academic community, at both national and international levels.
- can rely on an extensive international network of offices and committees.
- has motivated and creative members.

Last term, a new branch of AIESEC was founded. Originating from the Mech Eng Department, we are now trying to involve students from all other departments. Most 1st years will have by now been subjected to our rousing recruitment presentations. Response has been varied. With good feedback from most departments, people have managed to see the potential uses of AIESEC. But some departments certainly surpassed Imperials' reputation of a staid campus. Faced by stiff competition from the Civ Eng Department, the miners however managed to win our 'Too fat for sex' award for absolute apathy. Whose dey?

One of the problems which confront a lot of people when they come into contact with AIESEC is that AIESEC requires them to think independently, to have ideas—AIESEC 'only' provides the contacts and support for concepts. Entrepreneurial spirit is a prerequisite if you want to get the most out of AIESEC, and not just occasionally participate on events. For example, you have to be able to go out to companies and

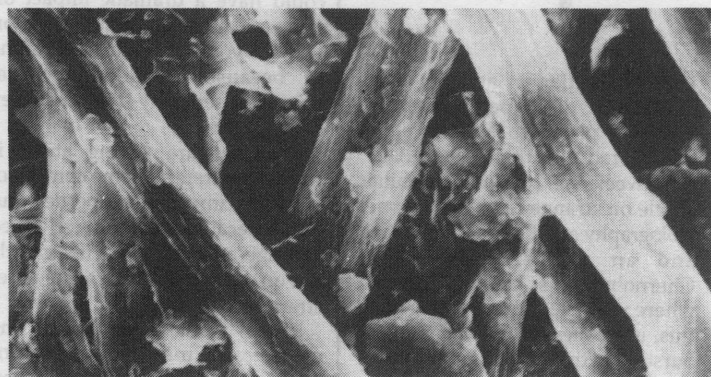
organisations, market your ideas, and then make them happen.

Some examples, in varied stages of completion, of things we're working on:

- a study tour of Malta. (Malta also happens to have the highest concentration of discos in Europe, beaches aren't bad either). Organised jointly with an AIESEC committee in Malta, which is helping to keep the costs to about a third normal tourists pay.
- A twinning event in Amsterdam, sponsored by Shell and with the help of a number of committees down there. Tour of Shell facilities included.

participating on a series of seminars and events organised in conjunction with LSE, UCL, City and Kings universities, and holding an AIESEC week here at Imperial College. And that's a selection of what's available.

AIESEC has a lot to offer. It can provide you with practical insights into the business world, provide training opportunities to test your skills. Whether you want brownie points by exposing yourself to companies, work overseas, need contacts outside England or are bored and want to get off the ground, or just want to do something new. Find out how to make AIESEC work for you.



### A tribute to the late Salvador Dali

- a series of business games in London, with university teams competing against each other.
- raise jobs for the international exchange scheme (find out what that is...)
- the above mentioned fund
- a shadowing scheme, whereby you stick to a managers back for a period of time. Find out whether it really is that cool being an accountant...

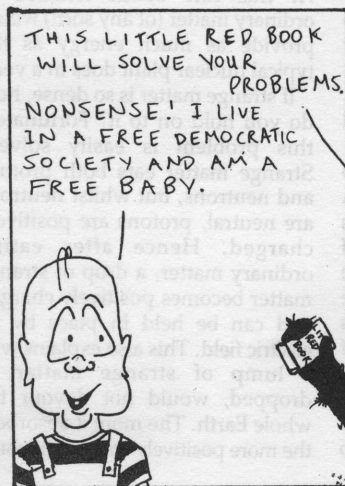
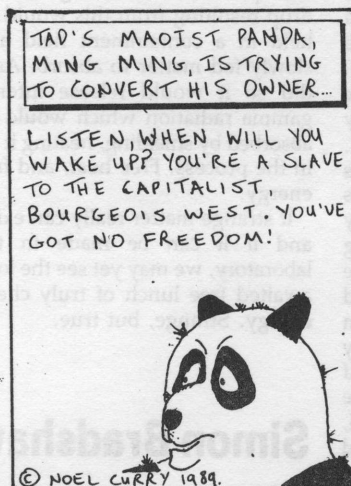
In the next couple of weeks we'll be sending a couple of people overseas to an international conference in Belgium (all expenses paid),

We work in small groups, with one person usually there to coordinate things. Presently the teams are:

- Marketing
- Public Relations
- Finance
- Training
- Projects

If you are interested, get in touch with us now. Contact Konrad Pagenstert (Mech Eng UG) or Dirk Anel (Civ Eng UG), or, alternatively, come to our meetings every Tuesday in the Mech Eng Department, level 7, room 748 at 12.45pm

**Derek Mash**





## FOOTBALL

### A win at last

RSM—0  
IC II—2

After three defeats, IC desperately needed a win to keep sight of the league title. In a traditionally physical game RSM opened well, at least for the first ten minutes, IC then began to play, with debutant John West controlling the mid-field, Julian Fordham's penetrating runs and the ever tricky Adam Thomas helped IC gain control and before long Mickey Plummer scored his fourth goal from 25 yards, in three games to give IC the breakthrough. 1-0 it was at half-time, and captain Jez Holland, playing in borrowed boots, was as happy as pie. But as the saying goes, it's not all over until the fat lady sings, and Simon Holden had barely cleared his throat! Mines started the second half well, but just lacked the ideas as Ivan Parkin and Bill Leonard cleared up at the back. IC on the attack again, and Gary Mahoney came close before John West played a beautiful through ball to Rakesh Muthoo, who calmly slotted home from 10 yards. After that it was plain sailing for IC, with Mines causing no problems for Russ Dark of Jez at the back. A special mention should go to Simon Day, who refereed a tough game very well, despite what may have been said on the pitch!

## FOOTBALL

### Stormer

London Hospital—1  
IC 1sts—4

IC stormed back to the top of the Premier Division with an impressive demolition of bottom side London Hospital.

Eager to impress after two successive defeats, IC attacked with vigour from the offset, creating numerous chances but failing to convert any of them. London Hospital then had the audacity to take the lead on their first real attack; a free kick on the left found an unmarked man and his speculative header somehow looped over the embarrassed keeper.

IC were still behind going into the second half but they kept pressing forward, looking for ways to break down the packed defence. The inevitable equaliser came after ten minutes of the second half from Pip Peel who made himself some space in the area to fire home superbly. From then on there was only going to be one winner as Mick Plummer's searing runs down the right flank tore their defence apart. Pip Peel soon added another and a fine win was rounded off with an own goal

and a strike from Nigel Collier.

## CROSS COUNTRY

### Running in Richmond

The fifth race of the London Colleges League, held at Richmond Park, was organised by the IC Cross-Country Club. The unseasonal weather had given rise to an extremely dry course, which almost made it into a road race, except for the first mile which was run on horse track. In fact, the start was the most demanding part of the race, as everyone scrambled for position on the strength-sapping surface. The course came onto grass after about a mile, and alternated between grass and 'road' for the remainder.



The team has been struck by an injury crisis; knee, calf, back, groin and achilles strains have weakened our squad. Frank Dudbridge had hoped for another top ten placing, but on the day suffered a loss of form, and dropped back to finish 33rd. Our next man was Dave Knight (37th), who caught Frank after three miles but was too knackered to take advantage, followed to placed behind by Stefan Ledin, breaking 40 for the first time. Matt Lynas, running with a back injury sustained while orienteering, came in 46th. Our other two scorers were Pete Smith (74th) and Ramin 'Dil' (94th). Despite a below-par race, the team still made fifth place to confirm its league position. Frank has moved up to fourth in the individuals (in the first division). There is one race left in the series, a 10km road race in Battersea Park.

Coach Bill Mason marked the club's success by declaring that all the crews would have extra hard outings on Sunday morning, to make sure that everybody wins next time.

## MORE FOOTBALL

### Thick and Fast

Imperial College VI—5  
CXWM III—4

In a high scoring contest, IC VI never looked in danger of losing their grip and ran out comfortable winners to extend their unbeaten run.

On a small pitch it was not surprising that the goals started flying in well before half time. IC got the better of these early exchanges thanks to some fine goals by Nigel Sale, Simon Barrye and Byron Wood to lead 3-2 at half-time. In a hectic and wild second half IC clinched the contest when Ian Charlton and Simon Barrye scored. Andy Draine, John McKnight and some others were rather fortunate to finish the game without entering the referee's book as some of their protests to what were admittedly some incredulous decisions, were not exactly fit for prime time viewing.

## BOAT CLUB

### Five out of Seven

Last Saturday's Henley Fours Head was dominated by the Imperial College Boat Club. Imperial Crews won five of the seven categories that they entered.

In the first major race of the year, the Lady novices picked up their first pots, after only four months of rowing. The mens novices also put in an impressive performance, coming in over 40 seconds ahead of their nearest rivals. The senior 2 coxless, senior 1 coxless and open coxed crews all won their categories easily, despite cold and very windy conditions. The open coxed for also won the overall competition with the fastest time of the day.

The senior 3 crews were all unlucky not to do better in their events. The second men's four and the ladies four both suffered unfortunate clashes with other boats and river banks. The first senior 3 four came in well ahead of most of the other crews in their category but were beaten into second place by an experienced crew from the University of London boat club.

## ORIENTEERING

### Going for it in Guildford

Last Sunday the Orienteering Club went to its first major event of the year; held in Surrey, just south of Guildford. The competition area was an intricate and beautiful pine forest and heathland, definitely the best area the club has been to for several months. The weather was mild and sunny which made for ideal orienteering conditions. Despite the long and tough courses all the IC competitors achieved fast times, and the prospects for this season are looking good. The journey home was memorable and we didn't get lost!

## DANCE

### Swing that Thing

On Saturday February 4, Sheffield University hosted an inter-varsity competition at which the Imperial College contingent of A, B and C teams were but three among the many attending from all over the country. The event was a really tremendous occasion and was made all the more special by a spectacular demonstration by the World Professional Ten-Dance champions, Marcus and Karen Hilton.

Competitively, the three teams had a very successful evening; the B team stormed home to sweep away the B team trophy and the A and C teams were second only to the old rivals Cambridge reflecting the outstanding achievements of so many of our couples. IC had semi-finalists in all dances with the following positions in the final:

Q Step: James Barton and Gill Barrett—1st  
Cha: Sharad Sammay and Alice Jacques—2  
Neil McClusky and Lilly Saw—3rd  
Jive: Steven Mercer and Nicola Stanmore—1st  
Alex Kurniawan and Thinuk Basu—2nd  
Open Tango: James Barren and Gill Barlett—4th  
Open Rhumba: Steven Mercer and Nicola Stanmore—2nd  
Cha/Waltz: Peter Brent and Rebecca Bailey—4th

Special congratulations to Thinuk and Alex for a fantastic result in their first competition and many thanks to all those who turned up to offer such well appreciated support.

Finally, a big thanks to our coach Vikki Cunniffe who, as ever, has made us what we are.



# What's on

## What's On

A guide to events in and around IC.

### FRIDAY

**Consoc Meeting**.....12.30pm  
ME569.  
**Friday Jamaa Prayer**.....1.00pm  
Southside Gym.  
**Christian Union Meeting**.....5.30pm  
308 Huxley. Time for prayer, worship and discussion.  
**Poetry Readings**.....6.30pm  
University of London School of Oriental and African Studies Room G57.  
**Fencing Club**.....12.30pm  
Union Gym. Meeting also at 6 o'clock.

### SATURDAY

**Trip to Boulogne**.....  
From Bernard Sunley House. £12. Ex-BSH members (and everybody else) especially welcome.  
**Karate**.....10.00am  
Southside Gym. Beginners welcome. Build your fitness and confidence.  
**IC Kung Fu**.....4.30pm  
Southside Gym. Beginners always welcome.

### SUNDAY

**Holy Communion Service**.....10.00am  
Sherfield Building. Followed by a workshop on Spirituality.  
**Sunday Mass**.....11.00am  
West London Catholic Chaplaincy, More House, 53 Cromwell Road. Also at 6pm (followed by bar supper). All welcome.  
**Wargames**.....1.00pm  
Senior Common Room. All Welcome.  
**Kung Fu**.....4.30pm  
Union Gym. Beginners welcome.  
**RCSU Night in the Bar**.....7.00pm  
Union Bar.  
**Speaker Meeting**.....8.00pm  
More House, 53 Cromwell Road. See West London Chaplaincy.

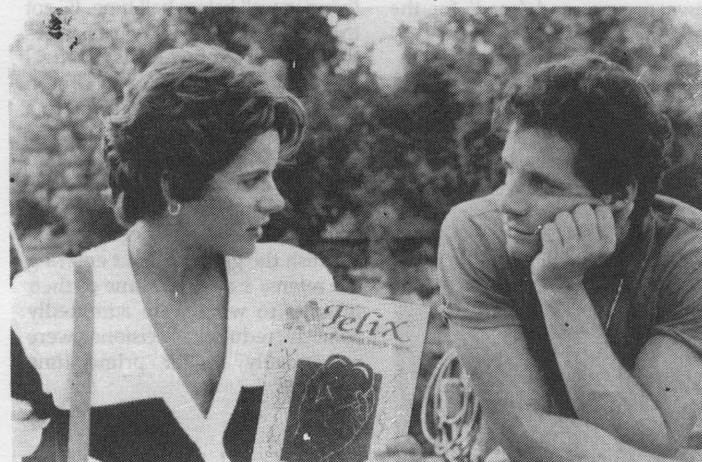
### MONDAY

**Prayer Group**.....8.30am  
King's College. See West London Chaplaincy  
**Rock Soc Meeting**.....12.30pm  
Southside Upper Lounge.  
Anyone interested in any form of rock music come along.  
**Artsoc Meeting**.....12.30pm  
Union SCR. Sign up for shows. Membership £2.  
**Yacht Club Meeting**.....12.30pm  
Upstairs in Southside.  
**Recitation of Holy Qur'an**.....1.30pm  
9 Prince's Gardens (Basement).

**Basketball Club**.....5.30pm  
Volleyball Court (behind Chemistry). All Welcome.  
**Improvers Ballroom**.....6.00pm  
JCR. 80p.  
**Beginners Rock 'n' Roll**.....6.45pm  
UDH. 80p.  
**Advanced Ballroom**.....7.00pm  
JCR. 80p.  
**Karate**.....7.00pm  
Southside Gym. Beginners welcome. Build your fitness and confidence.  
**Latin American Dance Class**.....8.00pm  
UDH. Cha, Samba, Rumba, etc. 80p

### TUESDAY

**CU Prayer**.....8.15am



308 Huxley. For those who think prayer is more important than sleep. Free.  
**Prayer Group**.....8.30am  
More House, 53 Cromwell Road. See West London Chaplaincy.  
**Workshop**.....12.30pm  
Mech Eng 702. See West London Chaplaincy.  
**Remote Controlled Modelling Club**.....12.30pm  
Southside Upper.  
**Sailing Club**.....12.30pm  
Meeting in Southside Lounge.  
**Boardsailing Club**.....12.30pm  
Southside Lounge.  
**Audiosoc Meeting**.....12.30pm  
Union SCR. Cheap records and tapes etc.  
**Roman Catholic Mass**.....12.40pm  
Mech Eng 702. Mass followed by lunch. 50p.  
**Ski Club Meeting**.....12.45pm  
Southside Lounge. Interested in learning to ski? Already hooked? Want to try racing? Come and find out more.  
**3rd World First**.....1.00pm  
4th Floor, Env Tech, 38 Prince's Gardens.  
**Beatles Hour**.....1.00pm  
For all the best Beatle and Beatle-related material on CD with

Spenser Lane.  
**Qur'an, tradition of Prophet**.....1.30pm  
9 Prince's Gardens.  
**Amnesty Meeting**.....5.30pm  
Brown Committee Room (top floor Union Building).  
**Meditative Prayer**.....5.45pm  
Chaplain's Office, 10 Prince's Gardens. Come and join us for some peace and quiet. See West London Chaplaincy.  
**Beginners Ballroom**.....6.00pm  
JCR. 80p. All welcome.  
**Judo**.....6.30pm  
Union Gym. All grades. Beginners welcome.  
**Latin-American Film**.....7.00pm  
Mech Eng 220. 'The Entertaining Angel'. Members 50p, others £1.50. See Latin American Society.

**Karate**.....7.00pm  
Southside Gym. Beginners welcome. Build your fitness and confidence.  
**Intermediate Ballroom**.....7.00pm  
JCR. 80p.  
**Caving Club Meeting**.....7.00pm  
Southside Upper Lounge. Everyone interested should come along.  
**Improvers Ballroom**.....8.00pm  
JCR. 80p.  
**Mountaineering Club Meeting**.....9.00pm  
Southside Upper Lounge. Beginners always welcome.

### WEDNESDAY

**Prayer Meeting**.....8.30pm  
More House. See West London Chaplaincy.  
**Sailing Meeting**.....12.30pm  
Outside Southside.  
**Caving Club Meeting**.....1.00pm  
**Micro Club Meeting**.....1.00pm  
Third Floor, Union Building. If you're interested in computers come along.  
**Hamsoc Meeting**.....1.15pm  
Third Floor of Union Building. Amateur Radio Society regular weekly meeting.  
**ICSSEDs Meeting**.....2.00pm  
Huxley 144. IC Students for the

Exploration and Development of Space. Dr Bob Parkinson talks on 'The Next Twenty Years in Space'.

### Intermediate Rock

**'n' Roll Class**.....2.15pm  
UDH. 80p.  
**Film**.....2.30pm  
Read Lecture Theatre, Level 5, Sherfield Building. 'Paracelsus' presented by the History of Science and Technology Group.  
**Jazz Dance Class**.....3.15pm  
UDH. 80p.

**Karate**.....3.30pm  
Southside Gym. Beginners welcome. Build your fitness and confidence.

**Open Circle Study**.....4.30pm  
9 Prince's Gardens. See Islamic Soc.

**Kung Fu**.....7.30pm  
Union Gym. Grandmaster CK Chang's class.

**Basic Christianity**.....6.30pm  
Senior Common Room, 7th Floor. A meeting held by University Christian Outreach examining the life and claims of Jesus.

### THURSDAY

**Morning Prayer**.....8.30pm  
More House. See West London Chaplaincy.

### Methsoc Speaker

**Meeting**.....12.30pm  
Mech Eng 703. All welcome. Free.

**Fencing Club**.....12.30pm  
Union Gym. Meeting also at 6 o'clock

**ICYHA Meeting**.....12.30pm  
Southside Upper Lounge. Everyone welcome.

**Audiosoc Meeting**.....12.30pm

Union SCR. Cheap records, tapes etc.

**Ski Club**.....  
The Ski Club will only meet on Tuesdays this term.

**Speaker Meeting**.....12.45pm  
Union Lounge. 'Responses to Underdevelopment'.

**Debating Society**.....1.00pm  
Room 341 Maths (Huxley).

**Arabic Lessons**.....1.30pm  
9 Prince's Gardens. See Islamic Soc.

**Prayer Meeting**.....5.30pm  
Chaplain's Office, 10 Prince's Gardens. All Christians in College are welcome to come and pray for the work of Christians in College.

**Cricket Nets**.....5.45pm  
Meet in Mech Eng Foyer. Sign up on cricket noticeboard. Everyone welcome.

**Judo**.....6.30pm  
Union Gym. Beginners welcome.

**Basketball Club**.....7.30pm  
Volleyball Court (behind Chemistry). All welcome.

**Soup Run**.....9.15pm  
Meet Week's Hall Basement (back by 11pm).



## Hon Sec turns space alien into coffee table

### Rag/Hyde Park Relay

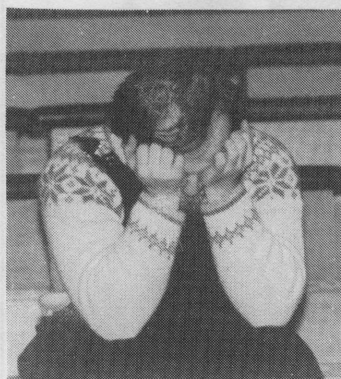
This is tomorrow night in the Union Building with two discos, a band, films and a bar extension until midnight. People will not be admitted purely to use the bar extension and will be charged entry right up to the finish. This goes for the Ents gigs on Friday nights as well. Don't bother turning up half an hour before the end, you'll still pay as much as if you'd seen the band. When the fire capacity has been reached, no new entries will be allowed.

### RCA Surcharges

Some students complained that the RCA was charging a 25p surcharge on food for non-RCA students. I have spoken to someone from their Exec who said that he would consult and get back to me. He appreciated the comment that such a surcharge was not in the 'spirit' of our reciprocal agreement with them.

### Card Check

I apologise for any inconvenience



caused during the Union card check over last weekend. A number of people got annoyed about being troubled, particularly those who have seen little need for a Union card and opted not to get one. Beit residents have certain grounds for complaint as they were checked before going into their residences although I hope they understand that it was for their security as much as the Union's.

## Professional Women

I have recently received a letter from the Hilda Martindale Educational Trust announcing their exhibitions for vocational training. 'The Hilda Martindale Educational Trust was established through the generosity of the last Miss Hilda Martindale CBE (1875-1952), with the object of helping girls and women of the British Isles whose intention it is to fit themselves for some profession or career likely to be of use or value to the community, and for which vocational training is required.' Exhibitions are not normally awarded to those who are eligible for grant-aid from other public sources.

If anyone is interested in applying, please contact me (via the Union Office or Mech Eng pigeonholes) as soon as possible as application forms must be obtained and returned by March 1. By the way, applications must be accompanied by a recommendation from the Head of Department.

Gill Knowles, ICU Women's Officer.

## The President Speaks

**Valentines.** Thankyou to the hundreds of girlies who sent me valentines cards this week. Infact we have had to employ an extra member of staff just to open them. I am sorry I can't answer each one individually but I just want to say I love you all.

**FELIX** I will be burning copies of FELIX on the Queens Lawn this Friday. Bring along you sausages and beefburgers. There will be a bar extension 'till late.

**Autographs** Its not long before I'll have to hand over to my successor. Those of you still requiring autographs should call in the office on Tuesdays between 1 and 2pm.

**Refectory** We have now officially decreased the size of portions in the refectory and have increased the prices accordingly.

Thobias D Gruntfuttock  
President of Cucumber Soc

# Imperial College Union's Environment Week '89

20-24th February

Environment Week '89 has been arranged by the Environmental and Appropriate Technology Society to increase awareness about environmental issues. This year the focus is on the politics of the environment, and the week will be opened by our local Green Party Euro-candidate on Monday.

## LECTURES

These are all in Elec Eng 403a, and start at 12:45pm

**MONDAY: Green Politics**  
by Nicky Kortvelyessy,  
Green Party Euro-candidate for  
Kensington and Chelsea.

**TUESDAY: Environmental Issues in Parliament**  
Sir Hugh Rossi MP (Con),  
Member of the Environmental  
Select Committee.

**WEDNESDAY: Political Aspects of The Greenhouse Effect**  
Dr. Jerry Leggett,  
Imperial College Dept of Geology

**THURSDAY: Government Policy on Appropriate Technology**  
Matt Gamser,  
Intermediate Technology  
Development Group.

## FILMS

Evenings, in Mech Eng 220. See the posters for more info.

**MONDAY: Silkwood**  
The true story of Karen Silkwood (Meryl Streep) who discovers a cover up in the nuclear reprocessing plant where she works and runs up against the ruthlessness of the establishment.  
*Admittance: £1.00*

## STALLS

There will be a number of stalls around college, run by the local Green Party, and by the Environmental and Appropriate Technology Society, offering books, leaflets, recycled paper, etc. Look out for them at lunchtimes in the JCR and Union Snack Bar.





cont'd from front page

Brereton pointed out that the AUT action may cause difficulties for potential employers. The director of the Careers Advisory Service has since written to the Association of Graduate Careers Advisory Services and the Association of Graduate Recruiters asking them to investigate the problems which the dispute may cause for future graduates and employers.

Mr Brereton told FELIX that employers might put pressure on the CVCP and the AUT to bring about a solution to the dispute.

## President pooped

Nathanael Johansen-Allison, one of two candidates standing for the post of Royal College of Science Union President, was disqualified at Thursday's Hustings UGM for breaking publicity rules. The remaining candidate, Carol Luscombe was unopposed and was subsequently ratified as President-elect.

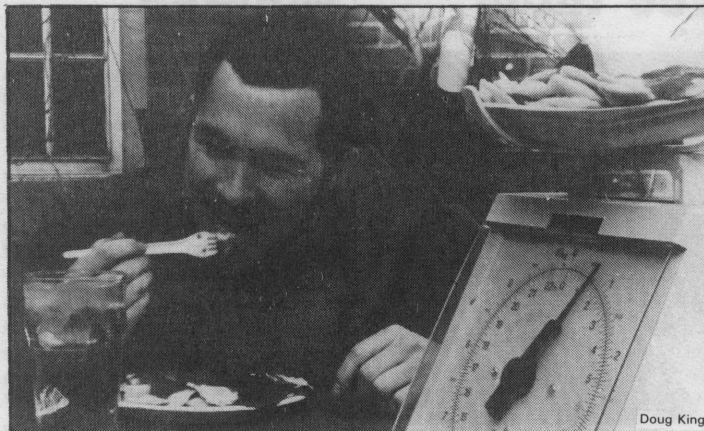
Mr Johansen-Allison used defaced copies of Ms Luscombe's posters as part of his campaign. He also failed to provide a photo and manifesto for the election edition of the RCSU magazine *Broadsheet*. He claims that he was not told that the posters broke election rules until Wednesday evening when he was able to find a copy of the publicity rules. He also claims that he was not informed of the magazine's publication.

The RCSU Returning Officer deemed the election bid invalid on Wednesday and an appeal was lodged to be heard at the Hustings Meeting. Mr Johansen-Allison did not speak in his own defence. He later told FELIX that he was unaware that he had such speaking rights and felt that the way his campaign had been treated was typical of the 'mason-like' attitude of RCS Union.

The Returning Officer claims to have held the election strictly according to the rules and that it is not his duty to pass these rules on to the candidates.

President-elect Carol Luscombe later told FELIX that this was not the way she wanted to win the election but that Mr. Johansen-Allison had 'seriously bent' the rules and had had to be disqualified. At the same meeting, Sarah Dixon was ratified as the new Honorary Junior Treasurer. Elections for the posts of Vice-President, Honorary Secretary and Academic Affairs Officer will be held on Tuesday 21st February.

## Ravioli stuffers unite



Tuesday lunchtime saw beleaguered Guilds Vice President Max Kallios setting up a 'Ravioli Eating Competition' in Beit Quad. The competition, which raised money for Rag, consisted of seven contestants trying to consume as

much Ravioli as possible. The winner was Phil Houder (DoC 3) who managed to get through 2lbs of the stuff in six minutes. The general feeling of the afternoon towards this culinary event was reported to be 'good sauce, lousy pasta'.

## Anti-semitic grafitti

Jewish Society posters were found burnt and a number of nearby posters were graffitied with anti Jewish slogans on Friday. The slogans included the phrase 'save the land of the Jesus and Mohammed and f\*ck the Jews'. The incident has 'deeply upset' members of Imperial College Jewish Society.

An A2 size poster, marked with the caption 'God bless Palestine' was also found on the scene. The poster, headed 'Israeli Butcher', compared Jews with members of the Nazi party.

Chairman of Imperial College Friends of Palestine Society told FELIX that the Society was not responsible for the incident. 'It is racist and unacceptable' he said. He

went on to suggest that the attack had been carried out in order to 'discredit' Friends of Palestine.

The Union Executive Committee have mandated Hon Sec (Events) Ian Morris to write to the Friends of Palestine expressing the Unions concern at the incident. He also intends to write a similar letter to the Islamic Society.

Mr Morris suggested that the attack may have originated from outside of College. He pointed out that any students within College involved in the incident would be sent to College disciplinary Committee and would probably face expulsion.

'Its very difficult to catch this sort of thing. We cannot pin it down to anyone,' he said.

## Chem Eng coup

A new centre for research into Process Simulation, Integration and Control will be formed under the auspices of the Chemical Engineering Department at IC in 1990. The research contract, worth £42million over 6 years, was announced in the Chemical Engineering Department this week by Professor Roger Sargeant, who will head the centre. Professor Sargeant is the former head of Chemical Engineering at IC. The centre will be sufficiently large to be autonomous but the question of whether it will be a separate

department is still under negotiation.

The plans anticipate the building of an additional floor on the Rodderick Hill Building, in the Chemical Engineering department, which would house the 50 PhD students and 35 members of staff the centre would require.

This new style of interdisciplinary research centre will comprise three previously separate research groups; Systems from Chemical Engineering, Control from Electrical Engineering and Industrial Systems at University College.

## Shopped

The City and Guilds Union Barbershop-o-grams raised £40 for Rag on Valentine's Day. Victims included Union Bar Manager 'Jelly' Johnson and our very own FELIX Editor Bill Goodwin.

The Milk Traying raised about £35 and it seems Bill Goodwin has no end of secret admirers.

## We stuffed Camborne

Imperial College won all four sports matches against Camborne School of Mines (Cornwall) over last weekend. IC retained their title for hockey, football and the bottle match and won the squash contest for the first time in five years. Nick Marchant was awarded the status of 'man of the bottle match'.

## And finally

The Mechanical Engineering Department's record breaking candle was lit in front of the Victoria and Albert Memorial on Wednesday. At the same time a typhoon in India tore the roofs of countless innocent people's homes and blew the candle out from a long distance. There was a national holiday to celebrate the candle's lighting and street parties throughout the country proclaimed their joy at the culmination of Mr Sean Crofton's project. Mr Crofton said afterwards, 'I felt a bit of a prat when I had to admit the problem with the calculations as I received my Knighthood, but that's the way it goes I guess.'

