



FELIX

Founded 1949

The Newspaper of Imperial College Union

MINIMUM GRANT GOES

Chancellor slashes student grants

Mr Nigel Lawson, the Chancellor of the Exchequer, announced a significant decrease in government funding of student grants and tuition fees in the House of Commons on Monday. The minimum grant, will be abolished from next year. And for the first time, tuition fees will be charged to a large number of parents. There will also be a tougher means test for parental contributions.

The £205 minimum grant for living expenses, currently awarded to all degree students regardless of parental income, will be scrapped. In addition half the parents with children in higher education will have to pay a proportion of their yearly tuition fees up to £520. This will be the first time since the advent of the modern University system that parents have been charged tuition fees. The parental contribution to maintenance grants will also increase substantially with increases ranging from £57 for a family income of £13,200 to £725 for an income of £22,000. For parents of a student living away from home and studying in London this will mean finding £2,625 a year.

The changes do mean however, that 10,000 low income families will not pay anything to send their children into higher education.

Sir Keith Joseph, the Education Secretary, who announced the details of the cuts, said that savings would amount to £39 million. This money will be spent on strengthening research into science and technology. He also thought that changes would 'draw money from the student group least likely to be discouraged from going into higher education'.

NUS calls for national sit-in

Phil Woolas, president of the National Union of Students (NUS), has called for a national 24-hour occupation of all Universities, Polytechnics and Colleges next Wednesday, to protest over the government cuts in grants announced last Monday.

Mr Woolas and other NUS officers are annoyed tht Sir Keith Joseph, Secretary of State for Education and Science, has refused to speak to them for the last three years.

Ian Bull, ICU President, said he did not feel that such a sit-in at Imperial could achieve any change in the Governments attitude.

'I was shocked and dismayed by the savagery of the annouced cuts, of course, and I shall press Lord Flowers to speak out against them in the House of Lords' said Mr Bull.

ROWE SLAMS RAUNCHY NIGHT FLASH ICY RADIO NAKED ROMP RAG CASH STUNT ANTICS SCANDAL

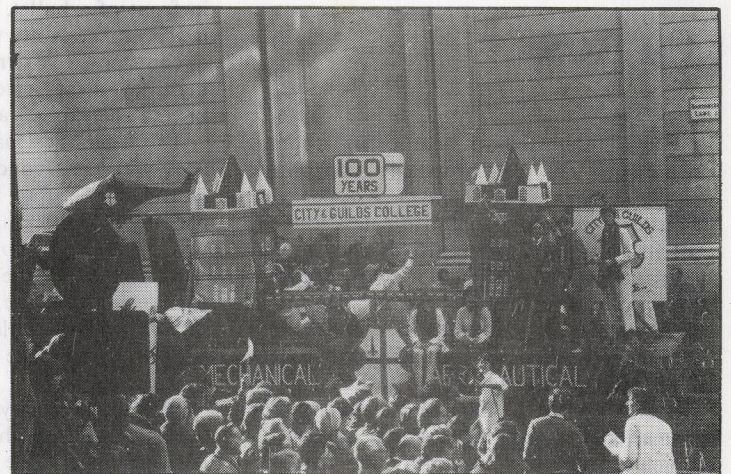
Full story and pictures inside

Rent strike

A rent strike has been in progress at Montpelier Hall since the beginning of term. This postgraduate residence has been without hot water and central heating as new boilers were being installed by contractors. Laundry facilities have also been

severely restricted due to breakdowns and there are currently no spin-driers in operation.

The 80 residents hope for a rent rebate once the problems have been overcome. Until then they have decided not to pay any rent at all.



The City and Guilds float taking part in the Lord Mayor's parade last Saturday. The theme portrays the college's centenary which is being celebrated this academic year.

LETTERS



Think again Mr Snivel

Dear Sir,

The lightning wit and devastating cynicism of our friend Everard has again been seen in these columns. It does seem that he is more interested in creating a response to fill the letters page than in saying anything specific. Not wishing his efforts last week to be in vain, I would like to take up one point with him.

It is all well and good sinking to the depths (excuse the pun) of criticising a certain recreational club or any other group in college that needs exposing. It is another thing to slander the name of someone who takes a prominent rôle in the lives of many in College calling themselves Christians, meaning one who identifies and lives by the teaching of Jesus and even more, proclaims him as did the early disciples as Lord and God.

In view of this it came as a surprise to me to see this man who taught and showed the way to God, who healed the sick, who condemned religious hypocrisy and was finally prepared to face death for that which he believed, referred to as a 'confidence trickster, freeloading food, transport and women'!

Really, Mr Snivel, please think again.

Yours faithfully
Roger Preece

Brown bore writes

Dear Sir,

I was interested to hear other students comments on my proposals concerning student loans. For Messrs Hooper and Winterton it is easy to pontificate about the merits of grants, cushioned as they are by industrial sponsorships. For many students the financial dependance upon parents is both intolerable and unjustifiable. For their information, Con Soc is affiliated to the Federation of Conservative Students, which represents some 12,000 students in over 100 educational establishments, and it is this body which is proposing loans as a replacement to grants to the Government.

Perhaps Mr Atkins has failed to realise that his democratic right to criticise would not exist, given that Britain abandoned its defences as he suggest, and under a

totalitarian state he would most certainly be a corpse by now.

I would say however, that the caption to his letter needs some explanation, as its relevance is beyond me. Peter Brooke MP has stated that higher education and grants are a privilege and not a right, as Mr Atkins suggest. Implicit therefore, is the need for it to be cost-effective.

I firmly believe that the best system of Government is no government — bureaucracy, inefficiency and socialism are great evils and must be fought in all their guises. I still remain in favour of loans, but welcome all comments.

Graham Brown
Con Soc Chairman

Booley Woolery wrong again

Dear Sir

In last week's Booley Woolery column you criticized ICCND for trying to make political capital from Remembrance Day. Perhaps you should have been admiring them for taking a leaf out of our glorious leader's book, who last year tried to make political capital by attempting to prevent Dr Owen and Mr Steel appearing at one Remembrance Ceremony at the Cenotaph.

Yours faithfully
Julian Shulman
Physics 3

Dear Sir

I found some of last week's comments on the selling of white poppies in remembrance of war victims confusing.

I strongly disagree with the banded phrases, 'those who gave..' or 'who sacrificed their lives to ensure that future generations..'. Surely this is a euphemism for 'those who lost..' or 'were sacrificed..'. Speaking as a person who is terrified of the thought of 'serving one's country' in time of war, I do not comprehend that anyone willingly steps in front of a bullet. That bravery, although laudable, is mainly the result of situational circumstances ie irrational action through high levels of adrenelin. I prefer hiding behind the skirt of a nuclear deterrent.

The fascination many middle-aged persons have with the second world war is abhorrent. It is fuelled either by the mind protecting itself by remembering only the good things in war time eg comradeship, or more dangerously by the generation, who were children during the war, feeling they have missed some valuable experience through not being older. Hence the assured success of most war films.

Whether one buys a white or red poppy seems less relevant than symbolising personal remembrance of the futility of previous wars and the waste of resources, human and physical.

Yours faithfully
G Purdom

Chem Eng II

FELIX

Later this month College and Union officials will interview for the post of Union Welfare Advisor.

When this post was created the Advisor was paid by the Union and gave impartial advice on welfare matters such as rent rebates, rights as tenants, supplementary benefit, consumer rights, and so on.

After a subsequent rationalisation, the College began to pay the Advisor who was based in Student Services in Princes Gardens.

The Advisor then spent much time assisting Student Services in the administration of the Halls of Residence.

This is not to detract from the excellent welfare work done by the last Advisor, but merely to point out the dangers of too close a link between Welfare and Student Services, which is, after all, a part of the College administration.

The College and Union should think long and hard about the responsibilities of the Welfare Advisor. Above all, the person appointed must not be seen to be just another arm of the College administration.

Letters received suggest that some of you think that the Editor writes and agrees with everything in FELIX.

I can tell you that if I only published what I believed myself, FELIX would be very different; but it would be the newspaper of me, not Imperial College Union.

I shall continue to publish controversial material, in the belief that it is only by discussion that sound ideas will prevail and erroneous views will be exposed for what they are.

To do otherwise would be to be guilty of intolerance and tyranny.

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JCR BAR

Budweiser

50p per bottle

Monday 19 to Friday 23

While stocks last

Naked radio horror raises cash for Rag



Station Manager Pete Coleman, left, and Hugh (Huge) Southey's brain on the right.

Photo: Terry Jones

It was pay up and trousers down at IC Radio's flash rag stunt on Monday.

Late night DJ Hugh Southey and station chief Pete Coleman stripped to their microphones to help raise £55 for Rag. 'What pricks,' said an onlooker.

And two other students took off one garment each for every half a nicker given to Rag!

But the stunt took off when a Linstead student revealed everything but his name in Prince Consort Road.

Finally Mech Eng fresher Paul Merckx strode manfully naked from IC Radio's Southside Sex Centre to Linstead Hall! 'It was freezing', he told FELIX.

Hugh Southey said 'I only played six records in my two hour show, but I had no difficulty with my equipment. I would do it again to raise money'!!

FELIX supremo Dave Rowe added 'This sort of thing isn't good enough'!!

Guilds Funds Freeze

City and Guilds Union may have its funds from ICU frozen, ICU council decided on Monday. Guilds had not replaced some fireproofed parachutes belonging to Linstead Hall that were lost at last years Carnival.

Guilds were originally asked to replace the parachutes at Christmas, but sent non fireproofed 'chutes. ICU president, Ian Bull, proposed the financial freeze, to begin next month, to pressurise Guilds to act. Mike Stuart, last years Guild's President opposed because he believed Linstead were to blame for not telling Guilds what they wanted. On a vote the proposal was carried.

IC Union Council decided to send two visitors to the NUS Conference in Blackpool, Internal Services Chairman Martin Taylor and Rag chairman, Carl Burgess.

GRADUATES

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CALL IN FOR AN INFORMAL DISCUSSION ... WE'LL BE HERE ...

DATE: 26th NOVEMBER
TIME: 6.00 pm - 9.00 pm
VENUE: THE ANTE ROOM: THE SHERFIELD BUILDING

Ask for our representative Roger Reece. Beer and sandwiches provided.

continued from page 2

Miners

Dear Sir

With regards to the letter about Socialist Society's mining dispute meeting.

Firstly, the society completely refutes the claim that there was a mob, of any kind, present at the meeting. This claim is not, and cannot be, substantiated with fact and the society expect the claim to be withdrawn.

Secondly, a collection was not made at the end of the meeting. No tin was passed round and shaken under people's noses. People were free to make donations as they thought fit.

The fact that the author of the letter wishes to remain anonymous reflects either unprecedented levels of paranoia, or more realistically that the author simply wants total freedom, without recouse, to smear Socialist Society, the striking miners, and others at the meeting.

We are disappointed that you, as Felix editor, freely published such a far-fetched letter and more importantly withheld the author's name without good reason.

Yours
Robert Turner
Paul Simpson

Right to speak

Dear Sir,

I refer to the anonymous letter in last week's FELIX concerning the SOC-SOC meeting held on November 1 to which speakers from the NUM were invited.

It is amazing how one's perception of the same events can be so different. I wonder how many people present agree with my summary?

The miner, a face worker from Betteshanger in Kent began by describing how his family first moved to his village after the 1926 General Strike and how he had learnt at an early age that his job was loaned to him for his working life to be passed on to the next generation in the mining community. He then gave a picture of the present situation in the Kent minefields and finally the problems with the Police that began with the arrival of people connected with the National Association for Freedom, a far right group who appear to be closely involved with the Working Miners movement.

The Chairman thanked the speaker and called for questions — a young lady in the audience got up and attacked the speaker for not recognising young ladies were present when he gave his address. He apologised immediately by indicating that where he worked, at the 'face', there were not many ladies present and that he was not used to

speaking to students. Not content with this the young lady in question continued to make further statements and ask further questions — the speaker attempted to reply, each time the young lady intervened. After about ten minutes of this I asked the Chairman, with his permission in the traditional manner — ie I indicated with my hand I wished to speak — whether *other* people would be able to ask questions as well.

It was clear that the young lady did not agree with the Chairman's decision and promptly got up and left.

Whether you agree with the striking miners or not, surely they like other speakers invited to Imperial College have a right to put their view. I am not sure whether it is normal practice at 'students meetings' to harangue the speaker, I have always thought it is common courtesy to allow a right of reply.

One wonders then, which 'mob' the anonymous writer is referring to!

Yours sincerely
John Fecamp

for the millions

Dear Sir,

I write in reply to last week's letter 'Coal or Food'? The 'Lady' who 'stood up' against the NUM was given the chance to ask questions and make accusations (including some quite sharp insults) repeatedly, and not content with this she persistently interrupted the speaker who answered her questions pleasantly and completely. Having received an intellectual thrashing she walked out, of her own accord.

Why should the author of the letter be so 'astounded' by the support shown for the miners? We recognize that in the long run the miners' fight is everyone's fight: as the speaker said, until we 'make our first million' we should have no illusions about being anything but working class. What is incredible is that so many students, like the poor confused woman in question, should decide to line up with their own enemy against their own class (unless, of course, her daddy is managing director of some multinational company?).

As for the money: yes, people did donate appreciable sums and over £130 was collected. What right does anyone have to assume that those who have contributed to the miners have not also contributed to the Ethiopian fund? And if you really are so concerned for the Ethiopian people why don't you organize a meeting and raise some money, if you have not already done so? And whilst you rally round your government against the miners, remember that for a long time they deliberately withheld aid from Ethiopia hoping that a famine disaster would bring down the Marxist government. And just as they were prepared to use the Ethiopians suffering to their own political ends, they now try to starve the miners into submission.

It would make a great deal more sense for you to leave behind your misconceptions and confusion and line up with those who are fighting for a society run for the millions instead of for the millionaires.

Yours
Julian Bammer
Civil Eng 3

Fool

Dear Sir,

We were at the Miner's Support Group meeting referred to by 'Name withheld by Request' last week. The lady who 'stood up against them' (the two Kent miners speaking at the meeting) was not at all courageous. She was self-righteous, pompous and insisted on monopolizing the discussion, continually butting in on other people's contributions to preach about violence on the picket lines. The student who was acting as Chairman admittedly didn't help matters by saying so brusquely 'I think we've had enough of this topic'. After about ten minutes, but the lady concerned only made a fool of herself by marching out of the meeting. If she had stayed she would have had some interesting contributions (*not* all supporting the miners) about the real issue of the strike, which is not violence or the picket-lines (whether from the police or miners), but the right or otherwise of Government to inflict untold violence on thousand of British people by closing pits, destroying livelihoods and whole communities in the process.

If only the lady could have taken off her blinkers and imagined herself in the miners' position for once. The miners are *scared*, scared of losing their jobs their friends, their whole way of life. When people are boxed into an intolerable situation they fight back. This Government, with its 'elective dictatorship' and 'government by standing ovation', seems to regard the miner's stride as a Holy War akin to the Falklands War. But you can't run a country by destroying the lives of its citizens — that's what we call 'mob rule'. The Government is there to serve *all* of the country's people, not to create alienation, anger and despair through the tyranny of its ideology.

We contributed several pounds to the miners fund (and several pounds towards Ethiopian famine relief, as advised by your correspondent last week). We are proud to have done so. The government has finally woken up to the crisis in Ethiopia after years of claiming the famine was being overstated by the regime there which 'just happens' to be Marxist. When will they wake up to the crisis in our own country? What levels of unemployment and poverty do they need in Britain before they decide we're 'taken our medicine'?

Yours angrily
A R Atkins EE III
N M Arran EE III

Take your partners

IC Dance Club is one of the very few clubs in College which can boast an almost 50-50 male female ratio, mainly because it attracts many students from other colleges.

If you have ever fancied yourself quick-stepping around a dance floor, but on account of your three left feet, haven't yet plucked up the courage to come along, don't worry. Our professional teachers can cope with anybody. From those who have 'got de beet', to those who wouldn't know rhythm if it jumped up and bit them!

If you are a complete beginner then the classes for you currently run on a Tuesday and Wednesday at 8.00pm. These classes are taught by two charming young ladies called Christine and Kim, who aim to teach the basic steps and turns of the waltz, quickstep, cha-cha, foxtrot and jive. Later some rumba and samba is included.

To begin with everyone is tripping over everyone else, dancing into other couples, and generally chaos rules supreme! Soon everything calms down and you manage to control both feet at the same time. These two classes are usually a lot of fun as everyone is out to have a good time, and most succeed. The classes normally start with a couple of simple progressive barn dances, so everyone can get to know each other, and partners are constantly changed around during dancing.

Next term there will be a new beginners class starting, so if you are interested keep a look-out for the posters.

Those of you who have danced before, but not become particularly advanced, or have had a break since dancing, may find the intermediate class on Tuesdays at 7.00pm the one for you. Here you will learn more advanced steps to build on your basics, so you will really be able to impress your friends.

The third latin/ballroom class is held on a Monday at 7.30pm, and is for more advanced dancers who have gone through the beginners and intermediate stages in College, or who have danced for 6-9 months outside. The class is taken by a gorgeous young man known as 'Peach', who also dances professionally in shows and competitions.

The fourth class run by ICDC is intended for those of you who really fancy yourselves in the discos, and want to 'Strut your funky stuff' all over South Ken. It is the jazz-funk-disco class which 'happens' on a Monday at 6.30pm. As well as learning to dance you get to keep very fit and listen to some good music.

All the classes last for an hour, and membership of ICDC is open to anybody, a snip at £2 for the year. Each class costs between 50 and 75p pence, so it works out a very cheap way of having a lot of fun. If you are interested and want to know any more,

come along on a Monday, Tuesday or Wednesday to the JCR in the Sherfield Building and have a word with any of the committee.

Although our primary aim is to teach people to dance socially, some of our members want something more. Thus, we have two teams which compete at 'University level'; our first team, consisting of the more experienced dancers, who enter both the Southern and Inter-Varsity competitions, and our second team who enter only the Southern.

Each team consists of up to four couples, each dancing one of the four dances waltz, quickstep, cha-cha-cha and jive. In addition, there are 'open' competitions for which we can enter three or four couples over and above team members. There is also an 'offbeat' section, where each Dance Club gets the chance to present something different, on the general theme of dancing. Examples include the origins of some dances eg Pass the Duvet (Paso Doble), Dance of the tea ladies (cha(r) cha-cha) and take-offs of adverts eg Heineken. This year we hope to involve those people who attend our jazz funk classes, by choosing a subject and choreographing an appropriate jazz routine. Any suggestions for a humorous subject to Neil McCluskey Chem Eng 1.

indeed a colourful sight.

Come the big day, the team and its supporters board the coach bound for one of the other Universities which hosts the competitions. On arrival, the team go to change, the others to forage food. Dancing usually begins at 5.00pm, and the main competitions are interspersed with general dancing. There is always a professional demonstration, to show us how it should be done and by 1.00am everybody is ready to leave, clutching any trophies they may have won (or mascots they may have stolen!).

Our track, or should I say floor, record has improved dramatically over the past few years. Last year was our best year to date, coming fourth overall in both the Southern and Inter-varsity competitions, and winning the cha-cha-cha at the Inter-varsity.

This year, we have two full teams who are already practising hard for their first competition, which takes place here at Imperial. The dates for your diary are:

- November 17: London Ball, 6.30pm—12.00pm, JCR
- November 26: London v Cambridge, Guildhall, Cambridge.
- December 7: Annual Dinner and Dance, 7.30pm-1.00am, JCR
- February 22: Southern Ball, Oxford
- March 9: Inter-varsity Ball, Cambridge



Team members take lessons with top London teachers in their spare time, as well as practising their routines during club nights. We try to encourage team spirit, and there's nothing better after an evening's work than to relax with other club members in Southside and recall past successes (or failures!).

The club provides the outfits for the teams, which cost hundreds of pounds, but dancers must provide their own footwear. For waltz and quickstep, the girls wear the traditional sequinned dresses, incorporating yards of nit (very dangerous!) whilst the men don tail suits, dress shirts and bow ties. For cha-cha-cha and jive, the girls wear what can best be described as not a lot, and the men wear catsuits and coloured shirts. When the Imperial College team goes on parade, it is

Anyone who wants to come and support us is most welcome, we take a 50 seater coach, so there's plenty of room! So, if there are any more budding world champions out there, contact Annabel Mak now, either at our classes or via the Chem Eng Letter racks.

Finally, it only remains for me to thank our teachers Peter Townsend, Geoffrey Clapham (latin), Eric Donaldson (ballroom) Christine Norman, Kim Graves (general instructors) for all the hard work they have put in, and to wish this years' teams all the best.

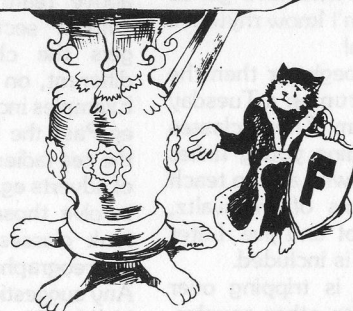
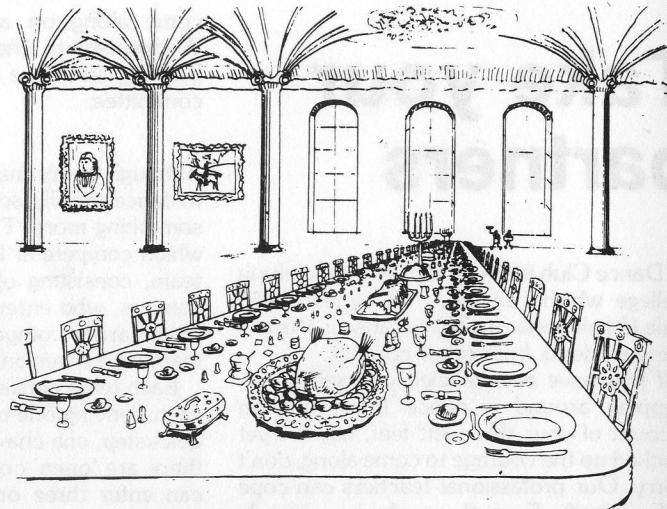
This years committee: A Mak (Chairman), C Yates (Junior Treasurer), F Kondowe (Secretary), I Maxted (Publicity Officer), N McCluskey (Jazz Team Captain) D Caballero (Team Captain).

Comedians

by
Trevor
Griffiths

8pm
The Lounge

Dramsoc's production of **Comedians**
For three nights only from **November 20**
Tickets available at **£1.50** from **Dramsoc**
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CAN YOU SPARE
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MY DINNER?

YES — THE
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DINNER!

7th December 1984

7.00 for 7.30pm

Union Dining Hall

Guest Speakers: Duncan Campbell and Nick Rosen

ALL WELCOME!

Tickets from the **FELIX** Office

Raymond

the world's most boring student



Let me introduce myself. I'm Raymond, studying Quantum Aerobics which includes a third-year option in sausage-making.



Sorry! That's just one of my little jokes!



Actually, people think I'm a little weird because I like doughnuts.



Oh, you like them too, do you?



You should see my collection — I've got hundreds of them.

To be continued...

SCAB NIGHT

A Cocktail of Entertainment

While most people are aware of what Guild's Carnival involves, and the beer festival has no difficulty in informing its potential customers of what is on offer, the same cannot be said for SCAB night. SCAB stands for Social, Cultural and Amusements Board, which is merely a committee which oversees the running of the performing societies within IC Union: Chamber Music, Choir, Debating, Dramatic, Jazz, Film, Operatic and The Orchestra. All of these societies, with the sole exception of The Choir, are joining together to produce a night of entertainment as a part of Rag Week. Each society provides a light hearted contribution to make up one of the most varied evening's entertainment of the year.

The evening commences with the *Operatic Society's* performance of 'The Zoo' by Sullivan and Rowe. Set, not surprisingly, in London Zoo the Chorus arrives to discover a love-sick youth, Carbody, trying to hang himself because he believes his love, Laetitia, to be dead. Unlucky in death as he seems to be in love, he fails to kill himself at which point the Chorus - representing the great British public - walk off in disgust. With the traditional storyline established, its complications are introduced through a medley of clever verses, with quick-fire action involving the hopeful lovers and their other, potential suitors. Despite yet more attempts at suicide, Carbody survives and - surprisingly enough - manages to marry Laetitia and all ends happily. The amusing dialogue, rapid action provides SCAB night with a promising, and cultivated, start to the evening. This show was a storming success on Tour this Summer and a polished performance is assured.

While *The Orchestra* are simply too large to fit upon the Concert Hall stage, they have produced a trio, playing wind instruments, who will be performing 'Teddy Bear's Picnic'.

This is followed by the *Debating Society's* Balloon Debate in this type of debate, there are three characters who, it is imagined, are all in a balloon which is sinking and in danger of crashing. To reduce the weight and hence prevent the death of these occupants, two of the three must be thrown out of the balloon. Each of the three characters make a short witty and humorous, too, it is hoped - speech to justify to the audience why they



Saxophone and silk shirts from Kool Skool

alone should survive. The audience are then able to ask questions and finally to vote. This year there is an appearance by author, homosexualist and chat show favourite Quentin Crisp and Michael Newman will make his now regular performance as Jesus Christ; modesty, as ever, prevails!

After the interval, the *Dramatic Society* are performing 'Play It Again, Sam'. Woody Allen, that six foot two inches blonde bombshell has produced another rip-off of other peoples scripts, with this particular one taking characters from 'Casablanca', 'Play It Again Sam' concerns a young journalist whose wife has deserted him so now he is looking with a little help from Humphrey Bogart, for a nymphomaniac, a swinger, or even a salesgirl from Woolworths. In fact he's after anyone, as long as they are bright, witty and perceptive and have a bottom into which he can sink his teeth. Woody Allen's script provides never fails to deliver the laughs.

The *Chamber Music Society* concerns itself with a diverse range of music and for SCAB night is providing a Barber's Shop Quartet.

The music continues, in a different vein, with Jazz-Funk from *Jazz Club's* 'Kool School.' The group have been playing at a variety of venues in London over the past two years. They have developed their range and will be playing an energetic or exciting jazz fusion of numbers, complemented with loud and tasteless stage costumes. Kool Skool outclass mediocre jazz-rock outfits such as Weather Report with powerful renditions of such classic tracks as 'Streetlife' and 'Rio Funk'.

Film Society, such that it is, providing the final part of the evenings entertainment with Richard Pryor - Live in Concert. Richard Pryor is an American comedian, who has also acted in a number of films, who tells rude jokes very well, in the style of the more recently famous Eddie Murphy.

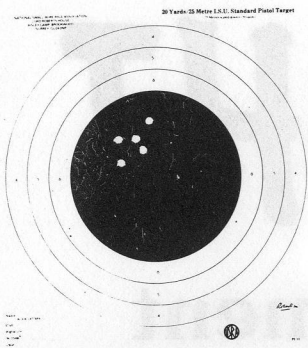
Throughout the evening, until 11.00pm, there will be a bar at the entrance to the Concert Hall serving beer and spirits. Hamburgers will also be on sale.

SCAB night is a most varied cocktail of entertainment, provided by societies who are very well experienced and able in performing. The event begins at 7.30pm in the Union Concert Hall (Beit Building, off Prince Consort Road). Entrance for the whole event is £1.50 and £1.00 for late arrivals who merely wish to watch the film. All profit goes to IC Rag Charities.

SCAB NIGHT

Timetable

7.40	The Zoo
8.30	Teddy Bear's Picnic
8.40	Balloon Debate
9.05	Interval
9.25	Play it again Sam
10.40	Barber's Shop Quartet
11.00	Kool Skool
12.00	Richard Pryor Live



RIFLE AND PISTOL CLUB

-a club of calibre-

The College Rifle Range is open for business again after a lot of work by the Holland Club and IC Rifle and Pistol Clubs. Here the new facilities are described to whet the appetite of all budding marksmen

Sorry for the delay but will be pleased to hear that this was due to the range being reconstructed to allow fullbore pistols to be used in it. This means that we can now provide facilities for shooting anything from a popgun to a 0.44 magnum. Over half a ton of armour plating was carried into the range by members of the Holland Club and ICRPC committee to construct the new butts. The range was completed and certified last Tuesday by the Military. In case any of you potential new members out there have lost the information sheet given out at Freshers' Fair the range is in the College sports centre in Prince's Gardens, not more than five minutes walk from any lecture theatre. It is open every lunch-time throughout the week and all afternoon on Wednesday. Joining the club is only a matter of coming along one lunchtime and paying the yearly membership fee of £2.50 to one of the range officers.

The shooting week is broken up into rifle on Mondays and Fridays, pistol on Tuesdays and Thursdays and both disciplines on Wednesday. Naturally, since most new members will have had little or no shooting experience, coaching sessions will be held each day for the first two weeks and will be available at any time during the year to anyone interested. We also hope to be able to arrange for a professional coach to provide training from time to time.

The club can cater for a wide variety of disciplines for both the rifle and pistol shooters. The main rifle discipline is the prone position (that's lying down) but for the more dedicated, and masochistic, there are the kneeling and standing positions. We have a large selection of match quality Anschütz and BSA 0.22 rifles for general club use.

The pistols disciplines this year will include standard pistol, that is two strings of five shots, each in ten seconds, two strings of five shots, each in twenty seconds and ten rounds precision. We also hope to construct some turning targets to practice duelling in which the target is only exposed to the shooters for three seconds in every ten, during which the shooters must raise their pistol and fire one round before lowering it again. We can provide a fair selection of 0.22 pistols and will have access to fullbore pistols such as 9mm Brownings and a Colt 357 magnum many of which are of match quality.

As well as the regular full-bore pistol sessions the club will be organising a number of full-bore rifle trips to Bisley Camp. There will be a Freshers' trip either near the end of this term or the beginning of next term, followed by two trips in March during which the inter-CCU competitions will be held.

Past experience has shown these trips to be extremely popular despite the fact that Bisley has a weather system unique in the country; one of torrential rain and gale force winds most of the year round. Having said that, the rare exceptions like during last years inter CCU competition show that Bisley can provide glorious sunshine.

The rifles, while tacky and rented, are in 7.62mm calibre and have displayed surprising accuracy out to and beyond 600 yards. At times these rifles have shown a mysterious, metaphysical self-aiming ability. One rifle in the hands of an RCS team member struggled valiantly, against all the odds, to provide 9 consecutive bulls, but was unable to hold out against said team member's subsequent nervous breakdown, finally yielding a score of 49/50.

(It has been noted that the various Bisley bars do quite good business on these occasions).

On a more serious note, during the summer session the University of London has regular competitions at Bisley and Imperial College usually contributes a number of shooters to the team.

(NB all the above mentioned Bisley trips are heavily subsidized).

However, enough of full-bore. The majority of the club's activities centre around the small-bore rifle disciplines. In the past years the club has entered several leagues, with both A and B teams, but due to the delay in starting our shooting season we have only managed to arrange one regular league this year, the league of London Colleges.

To compensate for this lack of competition we will be arranging a number of head-to-head matches, entering a number of national competitions and running a club ladder. The competitive instinct is usually brought to the fore during the inter CCU small bore competitions in March.

Again, for the more ambitious (and capable) shooters the University of London runs two teams, and this is the only known

route to a UL shooting Purple.

In the past the pistol shooters in the club were labelled as cowboys or latent Clint Eastwoods, but although that part of our nature occasionally rears its head, we become much more successful last year.

The pinnacle of our success came with the inclusion of three of our members in the University of London Pistol Squad, which won the nationwide interuniversity Pistol Competition last year, even though the UL Pistol Club was not officially recognised as a club, and hence received no grant. Hopefully that position has now been rectified and we hope to continue our representation in this successful squad.

On the Social side we hope to organise several events during the year including one or two club dinners held at restaurants or hotel in the South Kensington area. The club dinners last year at The Rembrandt Carvery and Chompers, were great successes.

As a final inducement, over the past two years we have developed strong links with the French rifle club, ATC La Rochelle. Two years ago an Imperial College team spent a week of very enjoyable competition in France, and last year a team from the French Club competed with us here in London. Not surprisingly the French won on their home territory and we won on ours. We have been invited back to France this year, (hopefully in late June early July) and with a change in strategy, and a collection of suitably cunning tricks we hope to thrash them this time.

Any potential members who are good enough shots and speak French would be gratefully added to our team, since none of the French speak any English, and non of us speak French.

So whether you speak French or not, or have never even seen a gun before in your life, come down to the range and give it a go.



Christmas Dinner
—as advertised last week—
closing date for
bookings is
1.00pm Friday 30 November

UNION BAR PROMOTION

Monday 19 November
Courage Best Bitter
Only 45p per pint

SINGLES

45 rpm

Ray Parker Jr: *I still Can't Get Over Loving You.*

This is a re-release from last year, and is meant to capitalize on the top-ten success of *Ghostbusters*. This has a classic ballad style, however, and so will have a completely different audience. This is good though. He's got an incredibly sexy voice. I wish I could sing like that.

Nick Heyward: *Warning Sign*

Anyone who got as sick as I did with *Blue Hat For A Blue Day* is sure to be pleased with this change of direction for the ex-Haircut sex-symbol. His rap technique leaves a lot to be desired, but the music is great. Lots of synth drums, lots of guitar — top 20 at least.

Murray Head: *One Night In Bangkok*

From the new musical by Tim Rice, and the male half of Abba, this is the first single. After a very disjointed eastern start, Murray breaks into a funky chat-rap, with a

stunningly catchy chorus. If you've made it this far, the rest of the single is great. God know how they'll incorporate it into a musical though.

Huey Lewis And The News: *If This Is It*

Who likes old-fashioned bands like this anymore? But hang on a minute, is this really Huey Lewis I'm hearing on the turntable? But this is a good song, with up to date production, and great lyrics. Really, is this Huey Lewis? Maybe I should rethink my musical biases.

Pointer Sisters: *I'm so Excited*

So, the music sticks in your brain and you think you've heard a good single, but isn't it about time someone realised what American crap like this is doing to the British music markets. Banal production, with a naïve lyric and three bar tune — talk about Automatic pop. The ICCC computer could write more meaningful music than this!

CINEMA

Refusal

There is a Film Society isn't there? Well someone's been putting them to shame recently with a brilliant repertoire of films. Only 50p a time, every Thursday; some jumble of letters— ICCND?

Last Thursday was no exception with the black and white film *Refusal*. It is a moving story of an Austrian's refusal to fight for Nazi Germany, sticking to his Catholic beliefs. The film followed his lonely struggle to die an insignificant death as though he had never existed.

'Die like a peasant, like the nothing he is.' He is achieving nothing by his death. He is not remembered.

The film has no music, and produces a strongly progressive documentary effect by breaking up scenes with present day interviews with the man's close friends and other peasants from his village. It ends with the words from one man, aside his tractor,

'What can you say? There will always be war, I am no idealist, the film is worth seeing. I didn't realise they made them so good in those days.

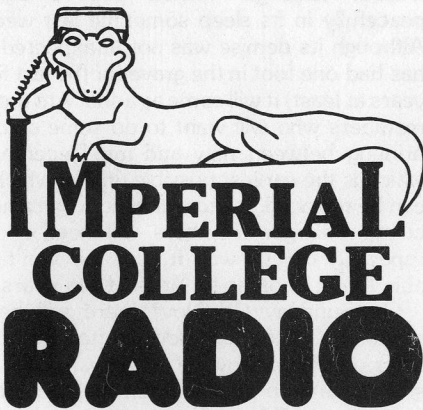
We left the theatre in silence, leaving the projectionist alone. Just like the man in the film, as insignificant as each one of us.

BOOKS

Time Out loathe him, *Literary Review* love him, *The Sunday Telegraph* have not a clue but they want to kiss his ass anyway. The man is Martin Amis and he can WRITE. *Dead Babies* was re-issued by Penguin this year.

The novel appears, at first sight to be a black comedy and little else. Amis has created a group of awful people, put them together in a country house for the weekend, and made odd things happen to them. The book is set (and was written) in the mid seventies, and the characters are, on the whole, bored swingers who spend their time trying to do something outrageous which they haven't tried already. The options are few, but they do try.

The important theme is that of control. The characters try to control each other, but Amis keeps writing little notes to the reader to the effect that HE is the boss, and he can make these suckers do whatever he damn well likes. The third set of controls are applied by the precision violence of 'The Conceptualists' — requirements for membership: a humanities degree and a suit. These shady people are never encountered, but the threat of their presence underscores the last parts of the book. Amis has superb technique, and style by the magnum. This is a rare sort of book — a readable masterpiece.



IC Radio provides a tailor made medium wave service on 999 kHz for most of the halls of residence. For requests ring IC Radio on interenal 3440.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Co-ordinator :						
	8:00 Rufus Short	Andy Smith			Chris Ames	
9:00						9:00 Dave Burbage
12:00	12:00 Top thirty with Steve Monteith	Dave Munasinghe				12:00
	1:00 Dave Stanley	Dave Stanley			Niki and Kaela	
2:00	2:00 Dave Hearnshaw					TECHNICAL WORK
5:00	5:00 Rufus Short with the Classical Show					
7:00	7:00 Andy Dunn	8:00 Philip Marsden	Bob	Chris Storch	Kaela and Niki	Viewpoint
9:00	9:00 Russ Hickman	9:00 Radio Spares with Raj Singh	Aids 'Virgin' Dye	Jam's Rock Show	Ajay	
11:00	11:00 Rock on Sunday with Brian Morrison	Hugh Southey	Caroline and Niki	Terry Jones	Steve Little	Judith

Bookshop New

McGraw-Hill Publishers will have a selection of their titles on show in our Window for the next two weeks. If you want to inspect any of the books, ask any member of my staff and they will take them out of the window.

Christmas is only a few weeks away. Don't forget we have a wide range of new titles suitable for presents, including fiction, cookery travel and humour. Also a wide selection of Christmas cards.

We have a small number of the Academic Year Desk Diary £2.95 now in stock.

Hardback Titles

Fiddlers Moll Diana Menuhin Weidenfeld & Nicolson £10.95

Fred Trueman's Yorkshire Fred Trueman Hutchinson £9.95

The Particle Connection Christine Sutton Hutchinson £8.95 (New Scientist Review 25.10.84)

De Alfonse Tennis J P Donleavy Weidenfeld & Nicolson £8.95

Moon Books Jon Pertwee Elm Tree books — £8.95

The Diary of a Nobody George & Weedon Grossmith Elm Tree Books £10.95

Sparks Fly Frank Chapple Michael Joseph £10.95

Entering Space Joseph P Allen Orbis Books £15.00

The Adrian Mole Diary 1985 Methuen £4.95

Paperback Titles

The Torch Bearers Alexander Fullerton Pan £1.95

The Fate of the Earth Jonathan Schell Picador £2.50

All about Home Satellite Television Rick Cook Foulsham £12.60

The Twelve Apostles William J Coughlin Pan £1.95

King of the Roses V S Anderson Pan £1.95

Lucas make the L Test easy Chris Goffey Foulsham £1.75

Ten killing Fields Christopher Hudson Pan £1.75

The Abolition Jonathan Schell Picador £2.50

Foulsham's Universal Cookery Book Foulsham £0.80

Quick & easy Chinese Cooking Kenneth Lo Pan £1.95

Richer than all his Tribe Nicholas Monsarrat Pan £1.95

The Story of Esther Costello Nicholas Monsarrat Pan £1.75

Women beware Woman Emma Tennant Picador £2.50

My Computer doesn't Love Me Mollusc Chalk & Cheese Publications £1.95

Tarback on Golf Jimmy Tarback Fontana £2.95

The Word Processing Handbook Katherine Aschner Pan £2.95

Dictionary of Management Derek French & Heather Seward Pan £4.95

BALLOON

Blyth Spirit

What am I doing on a cold October Saturday morning at 3am outside the Southside Garage?...Balloons. The Imperial College Passing Wind Club is what I am talking about — my first flight in the club's hot air balloon. Anyway after having dragged ourselves away from beds, parties etc at 3am we discover that conditions in Nottinghamshire are not suitable for flying so we'll leave later in the morning. Back to our beds etc.

We assemble once again at 8.30am and set off for Blyth in Notts. After a long uncomfortable journey in the back of a union minibus, shared with a hot-air balloon, we arrive and pile into comfy padded seats in our HQ for the weekend, ie a pub. The local brew goes down well and soon dissolves the numbness from our buttocks.

What about the ballooning? The wind is still too strong and we sit and watch the trees thrash about outside. There is a possibility the wind will die down for Sunday so we remain hopeful. Not all of Saturday afternoon is spent in the pub, an expedition is made to a local forest to look for (tasty) edible fungi. It is really amazing the number of different species/type of fungii one can find, as one staggers about, in just a small patch of woodland. Some specimens are fried up and prove to be quite tasty.

Having survived the mushrooms/toadstools(?) back to the ballooning. The whole idea of zooming up to Blyth is to join in with a Pennine Region balloon meet (a balloon meet is where lots of balloons meet). At the AGM and supper we are told prospects look good for flying on Sunday. This means waking at 6am on Sunday!

7am Sunday and suddenly I find myself at the morning briefing. The weather is good so we set off for the launch site. The balloon is soon unpacked, inflated and ready for take-off. Only two new members are present so we are given priority and prepare for our first flight (really my third because I am an ex Bath University Balloon Club member).

Up, up and away. We soon reach 2000 feet. The view is breathtaking. Apart from the occasional roar of the burner there is a deafening silence. We spend one and half hours drifting across the Notts countryside over villages, power stations, farms etc. Everything looks different in plan view. 'No sign of the retrieve van'. Our pilot decides to tag along with another balloon for the last part of our journey. After a while we find ourselves directly above the other balloon — out comes the camera — we spiral around each other for several miles. Finally the pilot decides it's time we landed and a field is chosen. A ditch runs directly across our path. The pilot and other passengers use me as a cushion on landing (landings are not the most comfortable part of ballooning) and the

ground gives us a warm welcome. Now we wait for the retrieval van. Another pub lunch.

The wind stays around 10 knots for the afternoon and we are able to fly again. Off they go, 'OK who's got the van keys?'... 'I dunno'. You've guessed, the keys have flown away with one of our club members who shall remain nameless (he is our club chairman).

How was the balloon retrieved? That is another story.

JAZZ

Jamming sessions

The Jazz Club will be holding further jamming sessions for members every Monday from November 19 onwards. The first session will be for those interested in playing jazz or jazz funk, the following one for rock or blues, and from then on it will alternate each week between the two.

Members and non-members alike are welcome to come along, bringing their instruments if possible. The evening will start at 7.00pm and membership is £1.00.

PHOTO

No colour printing

It is with great sadness that the committee have to report the death of the Durst M700 Colour Enlarger which passed away peacefully in its sleep sometime last week. Although its demise was not unexpected (it has had one foot in the grave for the last five years at least) it will come as a shock to those members who will want to do some colour printing between now and mid-December, which is the earliest possible time at which it can be replaced. If and when we do get a new colour enlarger members will need to be especially careful with it, 'cos we won't be able to get another for at least ten years.

On Sunday (18 Nov) there will be a photosoc trip to the London Butterfly House at Syon Park. Anyone who wants to go should turn up at Beit Arch at 10am, (the committee will be going even if no-one else is). Macro equipment is not necessary, but you should bring flashguns, tripods and fast film, as the light may not be too good. It costs £1.50 to get in, (although if ten or more people turn up it's only £1.30) and the bus fare is probably about a quid each way. I hope we get more people this time than the number who signed up for the Bradford trip (an integer between zero and two).

Finally, a message for our Darkroom Officer come to the committee meeting today or you'll get the sack!

BALLOON

Humber Meet

The Balloon Club will be attending the Humber Bridge meet on the weekend, 1 and 2 December. Leave Balloon Garage 5.30pm November 30th. Return: Sunday night. If interested, come to the meeting in Southside Upper Lounge at 12.45pm, Thursday 22. Cost: accommodation B&B less than £10, optional camping free. Travel less than £8.

CONSERVATIVE

Our Willie

The term has got off to an excellent start with its programme of invited speakers and draws all readers attention to the next speaker meeting on December 11 with Lord Whitelaw.

The Society's membership is still growing, and anyone who would like to join should contact Gayna Sammon (Life Sci 1). All members receive our regular newsletter, reserved seats at speaker meeting and the opportunity to hear speakers in the House of Commons, through our affiliation to London Conservative Students. We are also producing a magazine 'Blueprint' which members will automatically receive.

The latest issue of 'Campus' magazine is now on sale throughout College, or from Roger Cracknell (Chem 1) to whom 20p and a large envelope should be sent. This magazine has been banned at many Universities and is an excellent antidote to lectures!

CANOE

Eskimo Roll

The Canoe club has recently run two excellent weekend trips to Wales. The first canoe surfing on the Gower Peninsula and the second to the River Dee in N Wales.

Both trips provided plenty of thrills and spills and above all plenty of fun. Two or three more trips are planned for this term.

If you fancy having a go at canoeing, learning the basics and how to eskimo roll and then putting it into action on the rapids or in the surf, or if you are already a competent paddler, come along to our pool practice sessions and get the low down.

Pool sessions every Tuesday, 6.30pm at the College swimming pool, Princes Gate with social chat and drinks afterwards. No expense or gear necessary.

This isn't only a man's sport so come on all you girls, you won't be the first.

INDUSTRIAL

Forging ahead

One of the most efficient steel producers in the world. British Steel Corporation, believes that it has now turned the corner in profitability. Despite operating in the face of a vigorously international market which is beset by problems of over-capacity and over-production, BSC increased its energy efficiency by 10% last year, reduced man-hours per tonne of steel by 23% and cut losses dramatically from £869 million to £256 million.

How was this achieved? Find out at an:

Informal Presentation by British Steel Corporation with Free Buffet and Wine
Thurs 22 Nov at 5.45pm, Sherfield Ante-Room

Your opportunity to question senior managers from BSC about:

- Latest energy-saving techniques in the steel-making process.
- Progress towards profitability — still on course after the effects of industrial unrest?
- Attitude of employers towards planned privatisation of the industry.
- How to find out what the customer wants and produce it at the right price.
- Newest stainless steels in the Research Dept.

If you would like to go to this presentation, please send a £2 cheque (payable to Imperial College SCC) as a returnable deposit to Tim Bird, Mech Eng 3

Limited number of places.

BRIDGE

Yes! Imperial College does really have a bridge club. Whether or not you saw us at Fresher's Fair, why not come up to the top floor of the union building any lunchtime for a game! We cater for all standards and provide everything you need including free expert tuition for beginners. No need to bring a partner — and at only £1.00 for the whole year, it must be the best value contract bridge in London. Hope to see you soon!

BREWING

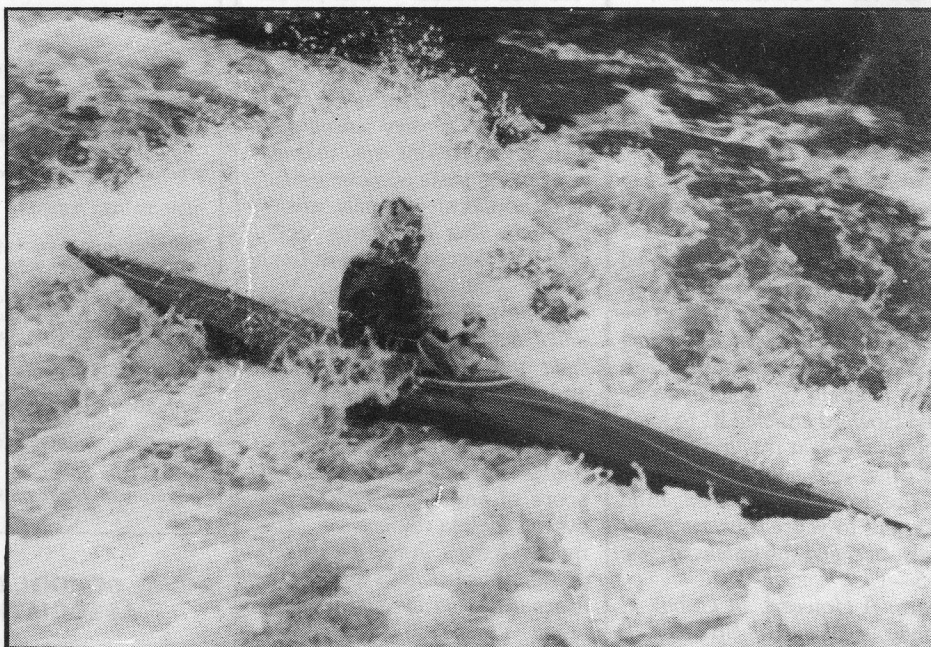
OK — own up. Who went to find Brewsoc at the Fresher's Fair? If you found anybody, well done, 'cos they weren't there!

However, all is not lost because several keen brewers in the first year have got together and have re-formed Brewsoc. They are now looking for new members.

If you have read this far, then you might be considering joining, and therefore be wondering just what we do. Brewsoc is for anyone who is interested in Very Cheap Beer, or Very Cheap Wine, or anything else that we can brew, (not distill). Just as an example, you can make beer as cheaply as 6p a pjnt. Better Beer costs a little more, but even Dogbolter (a Firkin brew) can be made for about 20-25p per pint.

We have our own Brewsoc 'cellar' and a fair amount of brewing kit, for wine and beer. We are hoping to invest in some more kit this year, but first we need you to join.

If you're interested, come along to the first meeting, which will be in Southside Upper Lounge on Wednesday 21 November. If you can't come, contact Duncan Lowe, via Elec Eng pigeonholes, with your name and department, and we will get in touch with you.



Canoe club shooting the rapids

HOCKEY

Victory at last

On Wednesday IC recorded their first win of the season in fine style against the London School of Economics. All the players contributed to an impressive all round team performance with, tight marking at the back, domination of the middle (with excellent Hockey from Morris) Hedges and Ian Parker and the oppositions half, this was especially evident during the first half when both goals were scored by Geoff Ares, the first coming from a brilliant individual effort, taking the ball into the D beating the goal keeper and scoring with a reverse stick flick the second coming from a penalty flick.

In the second half IC consolidated their position with solid defending, they were perhaps a little unlucky not to score again with several opportunities being foiled by the opposition.

Thanks go to Alan from RSM who switched teams at short notice to make an invaluable contribution.

Team: A Stewart, I Parker, M Hedges, J Baxter, P Oliver, P Smith, J West, G Ayres, P Lufkin, Alan, K M Cormick and P Dubenski.

IC 3rd XI—5 vs Harlow—1
The match started with a very promising performance from the whole team. After conceding an early goal against the run of play, Imperial received the necessary motivation to take Harlow by storm. A goal by Per Dullforce in the first half enabled IC to arrive at half time on level terms.

The second half then proved to be an exhibition, or the IC players dominated the opposition. Excellent defending by Mark, Craig and Chris with good keeping by novice goalie Alan Howard enabled IC to keep a clean sheet in the 2nd half. At the other end good interplay by all the forwards allowed John Sturgers to score four excellent goals, bringing the final scoreline to 5—1.

Team: A Howard, M Cubitt, C Honey, I Mace, J Spencer, P Dullforce, S Brooker, J Sturgess, C Harrison.

British Airways—2 IC 1st XI—3
A match which was expected to be one of the hardest of the season provided IC with their first win in the Middlesex League. Undoubtedly the most spirited performance so far, and this led to some good hockey being played.

The forwards passed amongst each other well, creating many openings. J Baxter played well at centre forward, acting as a target man he slowed up the attack until he had support. Also the scorer of the third goal which came after a sustained period of attack from BA.

The half-backs worked hard and had the better of the opposition. Centre Half, P Oliver scored the first goal a sole effort, using close control to weave through a maze of players and eventually slip past the keeper.

The full-backs, although under enormous pressure during the second half, coped manfully and withstood the onslaught. T West saved the match on several occasions, notably in the dying minutes from a well struck short corner.

P Dubenski was the other scorer, a good firm shot from the edge of the D.

SNOOKER

Sweet victory

IC—8 Tate & Lyle—4

'We woz robbed' — that phrase neatly sums up the feeling in the IC camp after producing what was probably the best performance of the season so far to trounce a very competent Tate and Lyle side only to finish with an aggregate 50 point deficit. This apparent anomaly arising from the fact that some kindly soul had blessed the visitors with a very generous handicap.

Adrian Feasby, Ian Grindall, and John West each won both of their frames with Javed Qureshi and captain, Mike Powell picking up one each.

Unfortunately this being in the handicap tournament the only score of any importance is the overall points difference. This match leaves Imperial with a points score of plus one in the tournament so far and it seems unfair that such a good win should have produced such an indifferent result.

HOCKEY

Mixed Hockey

Superior tactics took the whole team past four ticket collectors in a mad dash to catch the train at Waterloo, after starting from Charing Cross! The late arrival of St George's, the opposition, did not deter the team, and after a friendly match of variable play (rugby, football, bits of hockey), the game ended with a 4—0 victory for IC. Sergeant Pepper (John Spencer) and Sandra Rofé each scored a goal, Ian Howgate scoring two.

Team: Philip Chaudhury, Alice Banks, Ian Mace, Liz Clark, Ian Howgate, Louise Wakeling, Adam Hayell, Sergeant Pepper (John Spencer), Sandra Rofé, Angela Rowe, Duncan Wigney.

FOOTBALL

FELIX—fast and open game

Linstead Hall - Felix 2

Felix scored two excellent goals last Sunday, in a fast and open game against Linstead Hall.

Linstead, who had the wind in their favour in the first half, tired themselves quickly, while the Felix pack saved their energies for the second half.

Hero of the day was Rob Shiels who hammered both the Felix goals into the Linstead net from 40 yards.

The only casualty of the day was Rowe, who retired clean for an early mud-bath.

PRE-SCHOOL PLAYGROUPS ASSOCIATION

Greater London Region

AUCTION

of

Books, Ceramics, Clocks, Glass, Plated and Metal ware, Pictures, Collector's Items, Toys etc.

in

THE BOTANY COMMON ROOM, IMPERIAL COLLEGE, BEIT HALL, PRINCE CONSORT ROAD, S.W.7.

(Behind the Royal Albert Hall and almost opposite the Royal College of Music)

at 2p.m.

on

SATURDAY, 17th NOVEMBER, 1984.

VIEWING 10a.m to 12.15p.m.

(Sale of Bric-a-brac during the morning)

TEA and COFFEE also available.

HOW TO GET THERE.

Underground nearest Station, South Kensington, (Picadilly, Circle and District Lines)

Buses, direct to Royal Albert Hall, 9. 52. 52a. 73. to Palace Gate 49. to Queens Gate 33.

Green Line Coaches, 701. 704. 714.

CATALOGUES. 15p. from PPA 314/316 Vauxhall Bridge Road, S.W.1 from the 1st November, and at Beit Hall on the day of the Sale.

BRING THE FAMILY AND SPEND YOUR TIME BETWEEN THE AUCTION, HYDE PARK AND THE MUSEUMS.

ROYAL SCHOOL OF MINES ASSOCIATION

—Centenary Dinner—

Friday 23 November
with Royal Marine Dance Band
Tickets: Room 303, Sherfield

Tinker

A group of aeroplanes is based on a small island. The tank of each plane holds just sufficient fuel to take it halfway around the world. Any desired amount of fuel may be transferred from the tank of one plane to the tank of another whilst the planes are airborne. The only source of fuel is on the island, and for the purposes of the problem it is assumed that there is no time lost in refuelling either in the air or the ground.

What is the smallest number of planes that will ensure the flight of one plane around the world on a great circle, assuming the planes have the same constant ground speed and rate of fuel consumption and that all planes return safely to their inland base.

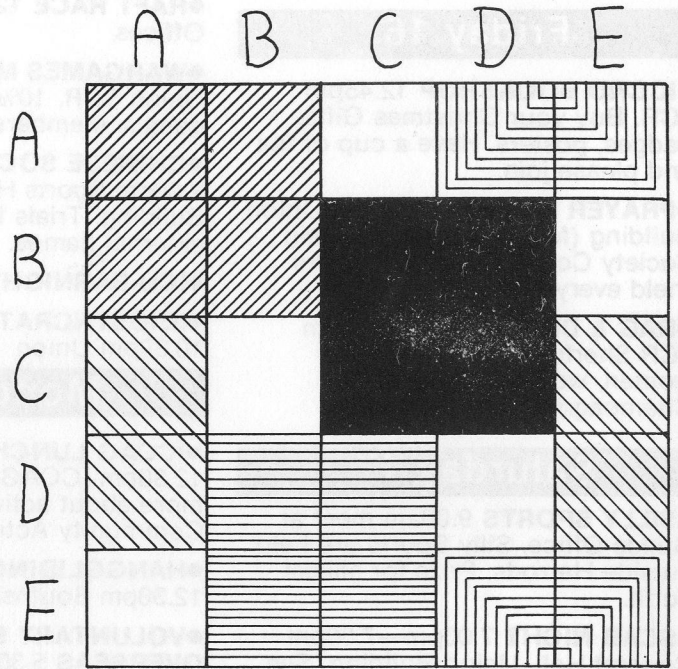
Solutions to me at the FELIX Office by Friday 23 November.
GRADE 3

Last fortnight's puzzle only really required the solver to visualise the first and second letters as co-ordinates of a grid. Each two letter combination then fills a two by two square in the grid which is 'closed' at the sides.

The problem may then be solved quite quickly by simply fitting five two by two squares into the grid.

The Solution AA, BC, CE, DB, ED is depicted below, the nine other solutions being translations and reflections of the same thing.

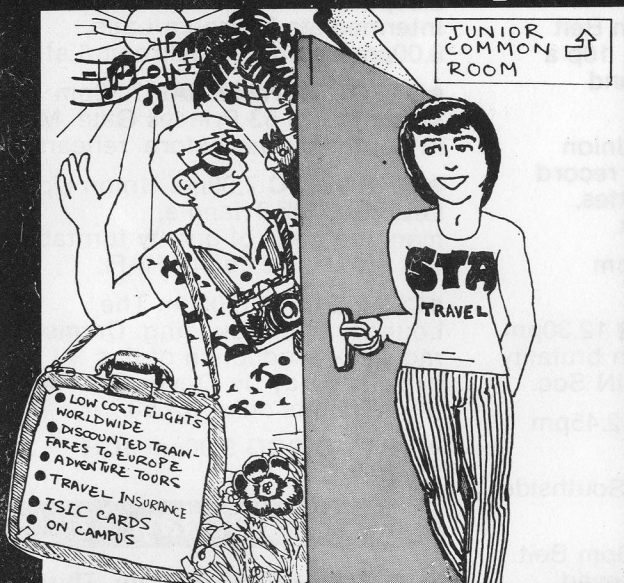
Of the ten correct solutions Neil Thornton of Maths 2 was the lucky winner and may collect his £5 cheque from the FELIX Office.



WHISKY GALORE!

The winners of the Glen morangie whisky competition are as follows:
1st: Victor Gembala (Elec Eng)
2nd: Martin Passingham (Chem Eng)
3rd: Robert Marsden (Rock Mechanics)
 Watch this space to see when you can collect your whisky from the FELIX Office.

ULU Travel is now on campus



IMPERIAL COLLEGE UNION
 THE JUNIOR COMMON ROOM
 SHERFIELD BUILDING
 PRINCE CONSORT ROAD
 SW7 2AZ Tel: 589 8882



ROOM BOOKINGS

When a club or individual books a Union room it is important to note and obey the following points.

1. A substantial cash deposit may be demanded (and must be paid before the event) and a room hire charge may be levied.

2. The general public are not to be admitted to the building at any time. The only people allowed in the Union are IC students, staff, students whose institutions have reciprocal agreements with ICU and people on official business (for example a speaker at a meeting). No one else is allowed in.

3. The only alcohol which may be sold in the Union Building is from the Union Bar. This rule must not be broken, as to do so would jeopardize the college liquor licence which would mean no Union Bar, Southside BAR etc, for a long time.

4. The person applying to use the room is responsible for making sure that there is no trouble, the room is vacated by the set time, the room is cleared up and returned to a clean and tidy state.

In the event of any trouble or complaints the Deputy President or any member of the Union Executive Committee may take charge of an event. This means that in the event of any trouble the DP has the power to halt the proceedings.

If you are booking a room for a club or society please read the back of the booking form. It could save you, and us, a lot of trouble.

Finally, anyone booking the Concert Hall or any room requiring additional lighting should contact Dramsoc (int 3531 or Union Office) at least two weeks in advance. Without this notice equipment cannot be guaranteed.

Dave Parry

Friday 16

- **ICCND BOOKSHOP** 12.45pm JCR. Buy your Christmas Gifts, badges, posters. Have a cup of tea and please join.
- **PRAYER MEETING** 1.00pm Union Building (follow arrows). Islamic Society Congregational Prayers (held every Friday).
- **RAG & DRAG DISCO** 8.00pm JCR Sheffield. Men dress as women, women as men. Champagne for best couple.

Saturday 17

- **SILLY SPORTS** 9.00am meet at Guilds Office. Silly Sports are held outside Harrods. Prize for silliest outfit.
- **SCAB NIGHT** 7.00pm—7.30pm Concert Hall, Union Building. See feature page 7.
- **CHINESE SOCIETY TABLE TENNIS** 7.30pm Top floor, Union Building. Trials for team and ladder.

**THE
LOUNGE**
(BRING YOUR
DANCING
SHOES!)



Saturday
Union Building
9.00pm to 2.00am

50p BEFORE 11pm,
75p AFTER

ENTS CARD HOLDERS
— FREE

Sunday 18

- **MOTOR CLUB ECONORUN** 9.15am Karting Garage. See Motor Clubs notice board for details. £3.
- **CHAPLAINCY SERVICE** 10.00am Consort Gallery, Sheffield.
- **TUG OF WAR** 11.00am Princes Gardens.
- **MASS** 11.30am and 6.00pm More House, 53 Cromwell Road. Mass, bar supper and talk.

● **RAFT RACE** 12noon CCU Offices.

● **WARGAMES MEETING** 1.00pm Union SCR. 10% discount on games. Membership £1.50.

● **CHINESE SOCIETY BADMINTON** 2.00pm Sports Hall, Old Chemistry Building. Trials for team and external games.

● **ICU BARNIGHT** 7.30pm Union

● **IDIOSYNCRATIC EVENT** 10.30pm Union

Monday 19

● **ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office. Find out more about activities of Community Action Group.

● **HANGGLIDING MEETING** 12.30pm Southside Upper Lounge.

● **VOLUNTARY SERVICE OVERSEAS** 5.30pm Elec Eng 408. An interesting, worthwhile way to spend two years working abroad. Organised by Third World First.

● **DANCE CLUB** 6.30pm and 7.30pm JCR Sheffield. 6.30pm Jazz Funk and disco, 7.30pm Advanced Ballroom/Latin.

● **SPACE TRAVEL TALK** 7.30pm Physics LT1. Alan Bond, director of the Dædalus project, gives Wellsoc a talk entitled Space Travel: Past, present and future. Free to members.

● **FILM NIGHT** Concert Hall. Includes Gregory's Girl.

Tuesday 20

● **PAPER DARTS** 12.30pm Beit Quad. Anyone can enter, 10p a throw, prize for longest and furthest.

● **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club. Buy records, cassettes, videos etc at trade prices.

● **MASS & LUNCH** 12.30pm Chemistry 231.

● **ROSES IN DECEMBER** 12.30pm Huxley 340. Video film on brutality to Nuns in El Salvador. UN Soc.

● **HOVERCRAFT CLUB** 12.45pm Linstead Lower Gallery.

● **RIDING CLUB** 1.00pm Southside Upper Lounge.

● **DWILE FLONKING** 1.00pm Beit. Has to be seen to be believed.

● **INDUSTRIAL SOCIETY** 1.00pm Chem Eng LT2. Austin Rover/Bayer speaks on 'Engineering Plastics in Cars'. Everyone welcome.

● **STOIC** 1.00pm and 6.00pm JCR (lunchtimes only), Southside TV lounge and all Hall TV sets. An interview with Tim Brooke-Taylor.

● **JEWISH SOCIETY** 1.15pm Union Dining Hall. Rabbi David Miller, Union of Jewish Students, London Region Chaplain, speaks about The Miners Strike. Free.

● **JESUS—REAL EVIDENCE** 1.15pm Pippard Theatre, Sheffield. Talk arranged by the Anglican Chaplaincy.

● **LECTURE** 1.15pm Read Theatre, Sheffield. 'Have workers priced themselves out of Jobs?'. Dr Wilfred Beckerman, Balliol College, Oxford.

● **SPONSORED FAST** 2.00pm. Start of 48 hour sponsored fast by Third World First in aid of Oxfam. Be generous to anybody who is fasting.

● **NO DINNER** 6.00pm. TW1 Fast continues, Bon Appetit!

● **ALSACE WINE TASTING** 6.00pm Senior Common Room. Master of Wine Liz Beny, as seen in last week's Sunday Times, will be coming to taste and talk about Alsace wines. £1.50 for members.

● **JUDO PRACTISE** 6.30pm Union Gym. 50p mat fees.

● **ASTROSOC LECTURE** 6.30pm Physics LT2. Lecture by Dr F R Richardson on Haley's Comet including work done by Chinese and Babylonian Astronomers. Members free, others 30p.

● **DANCE CLUB** 7.00pm and 8.00pm JCR Sheffield. 7.00pm Intermediate Ballroom/Latin, 8.00pm Beginners Ballroom/Latin.

● **OPSOC REHEARSAL** 7.30pm Music Room 53 Princes Gate. Meet in Southside Bar before rehearsal.

● **AUDIO SOC** 7.30pm Union Upper Lounge. Pink Triangle, manufacturers of quality turntables will discuss design of Hi-Fi.

● **COMEDIANS** 8.00pm The Lounge, Union Building. Dramsoc's rag week production of this excellent play by Trevor Griffiths (three nights only). £1.50.

● **DIRTY DISCO** 9.00pm JCR Sheffield.

Wednesday 21

● **NO BREAKFAST** 8.00am. Third World First fast is still going on, enjoy your bacon and eggs.

● **NO LUNCH** 12.30pm. Third World First fast is nearly half way. Bet you're a but peckish.

Thursday 22

- **HOSPITAL VISITING** 12.45pm meet Mech Eng Foyer. Visit to St Pancras.
- **WARGAMES MEETING** 1.00pm Union SCR. 10% discount on games.
- **VIDEO 'THREADS'** 1.00pm Huxley Basement 130. What happens to Sheffield after World War Three?
- **ISLAMIC TEACHINGS** 1.30pm 9 Princes Gardens. What does Islam, monotheism etc mean. Free.
- **MICRO CLUB MEETING** 1.30pm Mines 401. Membership £2.
- **DRAMA WORKSHOP** 2.30pm meet Dramsoc Storeroom. Come and take part in silly games and improvised drama. Everyone welcome!
- **NO DINNER** 6.00pm Third World First. Fasting is still going on!
- **DANCE CLUB** 8.00pm JCR Sheffield. Beginners BALLroom/Latin. 50p.
- **COMEDIANS** 8.00pm The Lounge, Union Building. Dramsoc's rag week production of this excellent play by Trevor Griffiths. £1.50.
- **NOT EVEN BREAKFAST!!** 8.00am. Third World First's final day of fasting dawns with rumbling stomachs.
- **METHSOC MEETING** 12.30pm Chem Eng E400. Informal meeting, lunch available.
- **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club. Buy records, cassettes, videos, etc at trade prices.
- **ICYHA BUTTIES** 12.30pm Southside Upper Lounge. Our weekly meeting with information on this term's coming events. All welcome.
- **NO LUNCH** 12.30pm. Third World First fast doesn't end until 2.00pm.
- **MOPSOC LECTURE** 12.45pm Physics LT1. Sir George Porter on Photosynthesis—the first second. Free for members, 50p for non-members, membership £1.
- **STAMP CLUB** 12.45pm Chemistry 231. All welcome.
- **BALLOON CLUB** 12.45pm Southside Upper Lounge.
- **NUCLEAR WAR** 1.00pm Physics LT2. A member of Scientists against Nuclear Arms examines the weapons systems, the theory and the practice of nuclear war. ICCND.
- **STOIC** 1.00pm and 6.00pm. See Thursday. Newsbreak.
- **SCIENCE FICTION** 1.00pm Union Green Committee Room. Access to the society's 600 volume library. All members welcome.
- **CONCERT** 1.30pm 53 Princes Gate, opposite Mech Eng. Penelope Roskell.
- **QURANIC CIRCLE** 1.30pm 9 Princes Gardens. Learn how to read the Quran.
- **JUDO PRACTISE** 6.30pm Union Gym. 50p mat fees.
- **COMEDIANS** 8.00pm The Lounge, Union Building. Dramsoc's rag week production of this excellent play by Trevor Griffiths. £1.50.
- **ICCAG SOUP RUN** 9.15pm meet Weeks Hall. Taking soup, biscuits and meeting some of London's homeless.

What on earth are you going to do this

Christmas



What are you going to do this Christmas? When everyone else is fighting over the TV, eating, drinking and having family tiffs, you could be making a name for yourself. It is quite easy — all you need to do is write a short story, article or poem, or dash out and take some photos or do some drawings — perhaps even a cartoon strip. Then just send it to the Phoenix Editor, c/o the FELIX Office.

What is the Phoenix?

The Phoenix is the literary and artistic magazine of Imperial College. It was founded by H G Wells and is now produced annually. The 99th issue will be produced



in the spring term. Last year, a prize of £30 was given to the best entry. This year there may also be a prize for the best pictorial entry.

This year's theme

The Phoenix is often seen as an escape from College life by its contributors and readers. As a result, science seems to be a taboo. This is not only a waste of subject matter, but it is also very sad.

Science is an inescapable part of human effort — as much as farming, manufacturing, painting or anything else that people do. In the public eye, scientists are seen as a breed apart, not quite human. But we are all scientists here, and we know that is not true. If we cannot rejoice in our work,

then something is indeed amiss.

The theme for this year's Phoenix, then is science and technology — science and morality, science and mankind, the heroic failures of science, the lost secrets of ancient science, conjectures about the future, and of course everything that comes under the heading of science fiction.

Most important of all is to demonstrate the *unity* of humanity and scientific thought — one should not be without the other.

So much for the theme — I would especially like to arrange all the articles chronologically — past, present future. But don't feel forced to stick to my guidelines — if there is anything you feel strongly about, do that.

Finally, if you would like a copy of last year's Phoenix, there are still a few left in the Bookshop and the FELIX Office, price 30p.

● The Phoenix Editor, Diane Love (Physics PG) may be contacted via FELIX.

THE PHOENIX

Wellsoc resignations

Three Wellsoc committee members resigned this week declaring themselves lacking confidence in Chairman N J Maxwell.

In their joint resignation letter F Alli, Social Secretary, W Hooper, Vice Chairman, and D Clements, Publicity Officer, claim there has been 'considerable and increasing difficulty in communicating with the Chairman. Sensible discussion is now impossible, as opposing views are repressed by the Chairman, and occasionally withheld from the minutes.

'We have come to the conclusion that the society is being mismanaged by the Chairman, and that he is unable to accept criticism or advice. An unconstitutional vendetta is being conducted against certain members of the committee. Facing this unacceptable regime, we have no alternative but reluctantly to quit our posts'.

HIT!

Seasonal greetings can now be extended to your friends or enemies through the City and Guild Union. For a small fee of just 50 pence they will express in actions the thoughts of the silly season (otherwise known as Rag Week). A highly skilled team of flan throwers are available to brighten up your friends' lives. Lecturers cost a little extra (£5) and their permission is required. So, for revenge or otherwise, just hand in names and money to the Guilds Office at anytime during Rag. Please avoid hits on contact lens wearers. All proceeds will go to Rag.

Mascot safe

City and Guilds Union General Meeting was overshadowed by mascotry on Tuesday when both RSM and RCS tried to invade Mech Eng 220 to steal 'Spanner and Bolt', the Guild's violate mascot. The attempt failed and there was no apparent breach in the mascotry Rules. No damage resulted from the attack.

About 80 people tried to enter the Guilds meeting but the doors were successfully blocked. A telephone call was made to the Chief Security Officer, Geoffry Reeves, but he stressed that the College do not get involved in mascotry unless property is damaged.

At 2.30pm, when a lecture was scheduled to begin in ME 220, C&E decided to attempt to leave. By this time the number of people outside had dropped to about 40 and Guilds had no trouble in protecting their mascot, which was driven away safely.

GUC porn

A motion will be proposed at the next University of London General Union Council (GUC) meeting attacking Hon Pom's night. This is the somewhat risqué event organised annually by the Royal School of Mines Union, which, the motion claims, involves strippers and films portraying bondage, sadism, masochism and bestiality.

Boo!eruy Wooleruy

Sherry drinking in the Union Office has long been a standing joke in FELIX. Every Friday afternoon and on other special occasions (to celebrate another inqurate UGM, for example) the sherry is dished out to assorted Union hacks and other approved people. It's a sure sign that you've fallen from favour to be struck off Jen's sherry list. In order to explain away this apparent extravagance it has always been said that the sherry is a few bottles left over from the annual Council Sherry Party, a long standing event at which members of the Union Council and the College administration are able to meet and mingle, aided by the provision of snacks and the ubiquitous sherry.

But a recent visit to the Deputy President's office shortly after this year's party took place last week revealed no less than five cases of 'left over' bottles of sherry. Since this is at least as much again as was actually consumed at the party, at which supplies were apparently limited, any pretence that this is 'a few left over bottles' just won't wash. Excess supplies were quite clearly ordered deliberately to enable sufficient stocks to be 'laid down'. At a time when the Union is faced with cutting back to the tune of £6000 from all areas of expenditure it's time those in the Union Office put their own house in order!

SMALL ADS

ANNOUNCEMENTS

Christian Union. No meeting tonight as everyone's away at Elm Tree Farm for the Mid-Term Conference. Full report in next week's Felix.

●Skiing in France? Two places on Party to Meribel left - contact Nick Phillips via Physics 11.

●Prospective Flatmates Wanted to apply for the 9 bed IC Flat in Princes Gardens advertised in last weeks Felix. Any persons interested in joining six male third year and post graduate students, to make up a group of nine, please contact either: Russel Lister, Beit Hall Room 21, phone 589 0110; or Mike Hendy Montpellier Hall Room G3, phone 584 0029. Preference given to female flatmates or married couples.

●Come and hear the Dixieland Swingers — top London jazz band. On every Sunday lunchtimes, 12.15-2.00pm, at the Stallion Club, Falconberg Court, top of Charing Cross Road.

●Yacht Club: I know you exist — please can you advertise when your meeting are in Felix. Also could you use your notice board to say when your next weekend away is, thank you.

●Lost Tuesday 6.11.84 I know my red propelling pencil is as plastic as can be, but it's the sentimental value that's so very precious to me. So whoever found by pencil on that fateful Tuesday morn, return it to me please and I'll give you biccies by the ton! Miranda Bellchambers Mech Eng 3.

WANTED

●Jazz Guitarist or Drummer to form a trio. Contact Charles Brereton 451 1377 or Life Sci I pigeon holes.

●Ladies Bicycle anything (type of machine) considered up to £40. Contact Liz Harftst Biochem 2 or Gareth int 6289.

●A responsible and charismatic chairperson to take over the running of the North American Soc. Contact the SCC Chairman

FOR SALE

●XS 250cc US Custom Yamaha W reg. £200 ono. No tax. Contact Terry Sweeney Beit Hall, Security 3376 nights.

●BBC Micro £300 or offers (no time wasters please) M Cottli Civil Eng 2 or Guilds Office.

●Yamaha 100 motorbike for sale needs work, £45. Contact C Lev Mines letteracks.

●Unilet (Hi-Fi) Credit Note for sale £580 — details Jen Muggleton Aero 3 (6031241)

PERSONAL

●Cavemen day 'Y fronts prevent heretical fallout, knickers to Holland Road'.

●Holland Road: 'Whatever happened to St Ossilotte? Long live the relics'.

●Dai the Sheepshagger — Your buttocks are the most discusting ever seen in the Union Bar.

●Squirrels are very personable creatures really! — says Mike.

●Liz — hope you had a Happy Birthday Gareth.

●Bebo Bear — Happy 21st Birthday for yesterday.

●'Bashful' of the top flat makes great Birthday cakes!!

●The Phantom Flan Flinger strikes again! Guilds Hit Squad will be operating for all of Rag Week.

●Does Captain BB have nostalgic weekends?

●Why does Captain BB use 3 mattresses?

●Get your own back with the Guilds Hit Squad. Details from C&G Union Office.

●Unsociables, wimps, lecturers, even the Rector! Guilds Hit Squad will cover them in shaving foam at your request!

●We have Snow White and the Seven Dwarves but who is the Evil Stepmother?

●Would someone please tell AJS (MET/MAT 2) what he did on Saturday night. The RSPCA would like to contact him with respect to the sheep.

●Andy H to Andy S, 'Spread your legs and brace yourself'.

●Is ICAS alive(?) in Aero 3?

●ICAS not working for an inert future.

●The mole suggests SSS year — CE 2/3.

●The AA welcomes its two new members MV and DB.

●I'd take my shirt off to the Wild Amazonian woman of Weeks Hall, but she'd probably do it for me!.

●Pumpkin and Strawberry Cheese-cake available soon!

●This week(s): Wild Amazonian woman performs 57 varieties of 'Amazing Shirt Trick'.

●Elite bites the dust! IC micros hack anything (eventually).

●It's a big feet to be a Wongo.

●How Farah is it to Peter's Bed?!

●Even a Wonga can't eat three.

●Koala Bear and Bebo Bear tie the knot! Did you get your telegraphs yesterday.

●ICU notes: Chris Bell Physics 2 is a Banana!

●Roy the boy, what happened to the thermuiti curries of BSH — iron gut of Lexham Gardens.

●Richard DD Elwan productions seek stunning sex symbol

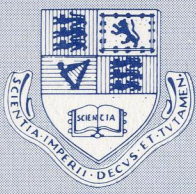
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Imperial College Major Projects Symposium

Securing Britain's Future

How can we create a climate in which major projects can be implemented?

How can we best harness our financial and human resources to achieve major large-scale projects which will benefit future generations?

How can we reliably calculate the return on investment and how can we best quantify environmental factors to the satisfaction of both private and public investors?

These and other questions will be discussed at a symposium to be held in the Sherfield Building, Imperial College, London on Friday 4 January 1985.

The Lord Flowers, FRS, The Rector of Imperial College and Chairman of the Committee of Vice-Chancellors and Principals, will introduce the day's programme and the keynote speaker will be **Norman Lamont, MP**, Minister of State for Industry. **The Lord Ezra, MBE**, will chair the morning session and **David Crouch, MP**, Chairman of the All Party Group for Energy Studies will chair the afternoon session.

Papers on past, present and proposed major projects will be presented. The Severn Railway Tunnel, completed in 1886, is still producing substantial revenue for the descendants of its shareholders. The Dinorwig Pumped Storage Power Station is already contributing to the provision of cheap electricity and is expected to recoup its capital cost of £400m in eight years. The Severn Barrage Tidal Power Station could provide cheap, non-nuclear power for generations to come.

Professor **Sir Alan Harris, CBE**, will outline an action plan to implement major projects following open discussion in the afternoon.

Organised by the Old Centralians, the association of former and present students and staff of the **City and Guilds College**, the symposium is co-sponsored by the **All Party Group for Energy Studies** and the old

students associations of the **Royal College of Science** and the **Royal School of Mines**.

The Speakers

J A Catterall PhD ARSM DIC FIM FInstP – Secretary, Science and Engineering Research Council
R J Collins BSc(Eng) ACGI FICE – Divisional Civil Engineer, British Rail (rtd) – Member of Council, Institution of Civil Engineers

J A Derrington FEng BSc(Eng) DIC FICE FStructE FCI Arb – Director, Sir Robert McAlpine and Sons Ltd – President of the Institution of Civil Engineers

J C Judson BSc(Eng) ACGI FICE MIMechE – Director of W S Atkins Group Consultants – Chairman, British Consultants Bureau

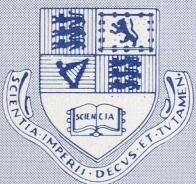
D M MacPherson BSc FICE FIHT – Senior Partner, James Williamson & Partners

Who Should Attend

All those with the vision to instigate major projects and all those with the skill or resources to implement such projects, including representatives of financial and political institutions, the engineering and construction industries, local authorities and nationalised industries, environmental and sociological groups.

The Cost

The fee for the symposium is £120. A special package is available which offers a ticket for the symposium combined with a ticket for the City and Guilds College Centenary Dinner at the Guildhall on 26 February 1985 at a cost of £145 to early registrants.



Imperial College Major Projects Symposium

Registration Form

Please send me:

further information a ticket @ £120 a ticket @ £145

Name _____

Designation _____

Organisation _____

Address _____

Telephone no. _____ (office) _____ (home)

Cheques to be made payable to Imperial College and sent with this form to: The Honorary Secretary, PO Box 38 Sevenoaks TN13 3LN.

Imperial College Major Projects Symposium. 4 January 1985

Imperial College of Science and Technology, London SW7 2AZ.

Office use only

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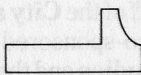
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