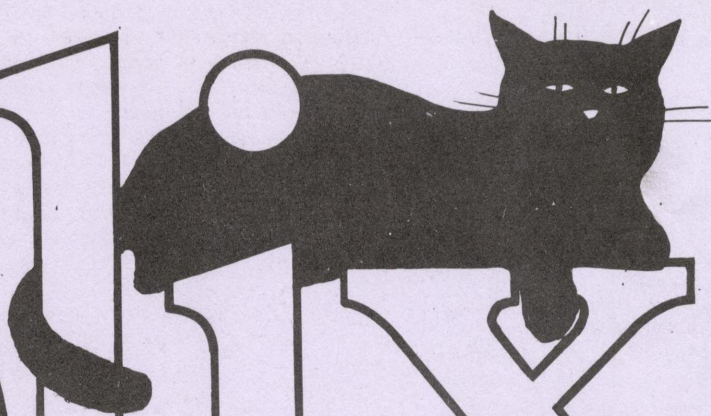


Felix



THE NEWSPAPER OF IMPERIAL COLLEGE UNION

Friday, November 23rd, 1979

Issue No.535

RAG ISSUE - PLEASE DONATE 5P (OR MORE)



MORPHY BATTLE!

Photo by Steve Groves



DISGUSTING GAMES

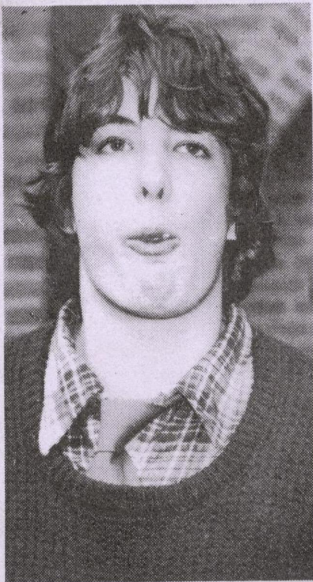


Photo by Paul Johnson



EXEC TORTURE

Photo by Steve Groves

LETTERS

Dear Editor

In your report, FELIX 16th November 1979, of our recent staff/student committee meeting you quoted me as saying that I had "ordered a complete freeze on all expenditure, in the hope of bringing the true nature of the situation home to the College authorities". What I actually said was "...home to the CCD staff, its students and the College authorities".

In parallel with our call for administrative action to change our classicification and grants to reflect the true nature of our undergraduate course, the department must launch a serious effort to plan expenditure and eliminate waste. Apart from the fact that there is, at present, no money to spend in the kitty, achievement of the necessary degree of economy requires the active awareness and collaboration of the entire CCD staff. It was hoped that a freeze would help to achieve this - indeed it has. Since the freeze would inevitably affect students it needed to be brought to their attention, hence my statement to the staff/student committee.

Yours sincerely
M M Lehman

Head of Department and
Professor of Computing Science

Dear Disgusted

We have discussed your problem at great length and have decided that you may need to seek counselling advice.

Your problem is not uncommon at IC. It begins with your arithmetic inaccuracy. Only 85% of the College are unable to become pregnant and a lesser percentage than that are incapable of taking any part in the process whatsoever (these figures are not at hand).

Your second problem is extreme self-centredness leading to paranoid exclusion of all problems except those directly affecting yourself. In time, you could expect to be able to accept that other people can concern themselves with issues of importance to various minority sections without excluding the problems of the majority. (In fact, majorities are made up of minorities - often including individuals!).

Your final problem is a desire to be unpleasant to individuals or groups of individuals that you do not personally know, nor have any reason to bear a grudge against. Most often this feeling results from an inability to understand or come to terms with concepts that

threaten your own dogmatic ideas. This leads to your exclusion and hatred of people presenting these differing views. You would be better to deal with these problems by open discussion with other people.

You may need further advice in order to be able to play a constructive role in society in the future. We can suggest various addresses (if you could send a plain brown paper envelope to the FELIX Office), or you could attend a counselling session in Huxley Building Room 640 today (Friday) at 2:30pm.

Yours helpfully,
Anna and Marge (Ms' Raeburn and Proops).

Dear ICU

At the last Union meeting over three quarters of an hour was spent discussing a motion against the Corrie Bill. Before a vote was taken on the motion the quorum was successfully challenged (the count was 294, six people short of the required 300). The feeling at the meeting, I would gauge, would have passed the motion (but we won't speculate on the reasons why quorum was called) and I feel that most people understood the question, so to repeat the whole debate would only restrict the amount of time available to discuss other topics. In this letter I will therefore outline the case presented at the last UGM and suggest a move to the vote at the next UGM on Tuesday.

The motion notes the clauses in the Corrie bill, believes that the bill will cut the number of legally available abortions by 2/3rds, the bill constitutes a direct attack on abortion rights and a woman's right to choose; the bill will mean a return to backstreet abortions. It resolves to support future actions against the Corrie Bill, affiliation to the campaign against Corrie and organise a collection for donations to Campaign against Corrie.

The bill reduces the upper time limit for abortions from 28 weeks to 20 weeks. This will only effect 1% of women seeking abortions. At present less than 1% of abortions take place after 20 weeks. These are the most desperate cases - school girls (who hope if they don't say anything their periods will come and they won't be pregnant), older women (who mistake pregnancy symptoms for the menopause), women who after having tests find the child they are carrying has a high chance of physical or mental handicap, if it is found that there is a high risk of woman dying in childbirth.

Anti-abortionists always give the option of adoption - but besides the fact that women are not breeding machines, it must be

noted that only white perfect babies are wanted - there are over 250,000 children in care.

The bill will completely smash the charities who in performing abortions at cost (ie even though their turnover may be £1million, this is used to pay staff, provisions, maintenance etc., they (BPAS, PAS) are registered charities). In some areas eg Birmingham, the NHS perform less than 15% of abortions in those areas - the charities perform a vital function in these areas.

The consciousness clause will now mean that any person not wishing to have anything to do with abortions can refuse without either giving any warning nor any reason. Obviously no one wants unsympathetic people involved in the performing of abortions or after care but unsympathetic doctors who will simply refuse a woman, without referring her elsewhere, are certainly not helping her in any way and only causing more hardship and strain. The British Medical Association is against the Corrie Bill.

I therefore urge you to consider these arguments, remembering that a woman must be able to control her body. Turn up to the Union Meeting.
Merche Clark

Dear People

In discussions on abortion, the most often quoted rights are: that of the unborn child to life, and the right of the woman to determine what happens to her body. The second of these is in no way fundamental, as compared to the first, which is, and therefore, cannot be used in opposition to the same. I will explain the reasoning behind this assertion.

The so-called right of the woman over her body is, in this case, merely an expression of the Right of Might, for the woman in question simply argues thus: "Since this pregnancy is inconvenient to me, and since I have the capability, whether by legal or illegal means to terminate this pregnancy, since I have the might, then I also have the right to terminate this pregnancy."

Those who would argue that the woman's 'right' must prevail over the right of her unborn child to life, must realise that their opinion is simply another expression of the right of might, since the other party concerned (the unborn child) is in no position to give an opinion, (and consequently no right to one!).

If 50% or more of abortion operations resulted in the death of the mother, could one still speak of the right of a woman to abortion. In other words, if the 'might' element were removed, would the 'right' still obtain? I think not, can we consider then, a

right that holds only under certain conditions as being truly fundamental? Again, I think not.

I would put to you then, that the only fundamental right that obtains in an abortion case is that of the unborn child to life. Do not make the error of thinking that 'might' is 'right'. It is not, and can never be.

E M Ugoala
Physics 3

Dear Editor

I would like to thank all the people who helped me after my accident on Sunday afternoon. Especially those who carried me down the stairs, held doors open and drove me to the hospital and then home. Also thanks to Beit Security, St Stephens casualty staff, Dr S Whiting and members of Rag.

Yours gratefully
Ian Brown

Dear Sir

Mr Philip Cole in his letter of 16th November made a rather odd statement over the calling of the quorate at the last UGM, suggesting it was neither small or undemocratic, can he possibly believe that 294 students are representatives of ICU as a whole? Surely they will be more likely to be members of an interested pressure group. This mechanism ensures that an organized group of individuals do not become controlled by elites, or to lesser extent pluralist.

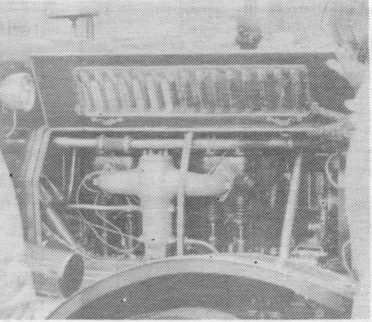
He also condemns the calling of quorate as a political action designed to prevent a 'democratic' verdict on the motion. Yet by definition had the vote been taken it would have been undemocratic, this alone must be a justification of Mr Burton's action. It is likely that anybody believing passionately in any cause is going to use all weapons at their disposal since they will consider themselves right to do so, that the ends justify the means, this has been recognised ever since Machiavelli wrote 'The Prince'.

The other major point Mr Cole raised was that there should be a guillotine in operation at UGMs, he indicates that it is preferable to be efficient than to fully discuss an issue, did he attend the lectures on Totalitarianism? I doubt whether any important issue can be fully dealt with at a UGM, to have six important motions on one agenda is absurd if anything of any importance is to result. The executive must rethink its policy on the planning of the UGM rather than lapse into hysterics because people leave when they overrun.

Yours sincerely
Stephen Goulder
Life Sciences 1



NAB HOLDS ON



JEZ BACK TOGETHER AND ON THE ROAD

Sean



RCS WIN RAFT RACE

Broadsheet The MOPSOC Xmas Party is on Thursday December 6th. at 7:30 pm.

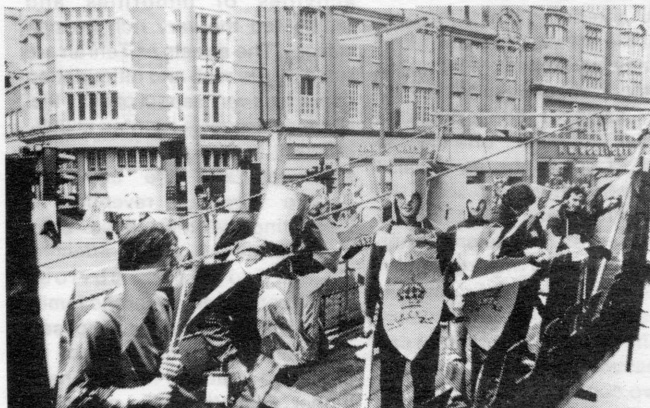


GUILDS AT THE SMOKING CONCERT

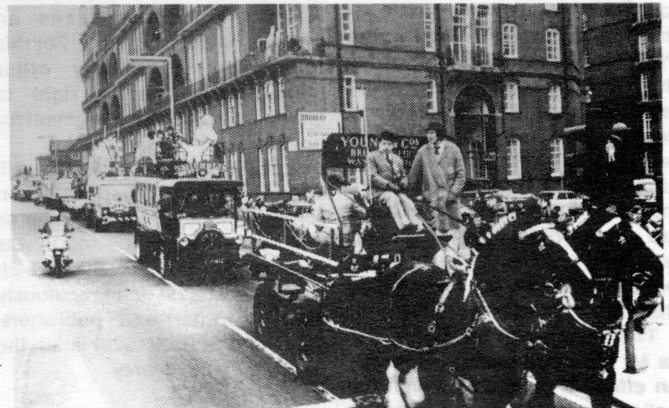
Photos by

Mickie Marsh

& Steve Groves



THE RCS FLOAT



RAG PROCESSION

YOU'RE NEVER TOO OLD TO JOIN A PLAYGROUP

Think what it's like to be alone, miles from home (which may even be in another country) and also very ill, handicapped or undergoing a series of operations. It's even worse if you're only six years old.

At the Great Ormond Street Hospital there are a great many children in that situation. But there's something that makes things a little better for them - the playgroups and activities organised by Rob Pike, the voluntary help co-ordinator. He'd like people, like you, to help to run the playgroups on woodwork, playing with toy cars, dolls - all the things you did as a kid at home.

The playgroups take place every weekday at 9:30-12:30 in the morning and 1:30-4:30 in the afternoon, with

extra activities during the evenings and at weekends.

If you think you could spare a few hours a week helping in the playgroups, please contact me via the letter racks or come to one of the ICCAG meetings on Mondays in the Union (3rd floor - follow the signs) at 12:30pm.

Kate Hill

**ANY
PARKING PERMIT
NOT PICKED UP
FROM THE UNION
OFFICE BY FRIDAY
30 NOVEMBER WILL
BE REALLOCATED.**

IMPERIAL LOSE TO CAMBRIDGE IN UNIVERSITY CHALLENGE

The Imperial College team of Frank James, Damian Hassan, Nick Griffin and Andrew Gray were beaten by a team from Queen's College Cambridge. The final score was IC 140 points. Queen's 390 points. The IC team made late headway with the help of a faulty Cambridge bell. On the return journey from

Manchester the supporters constructed a motion that will be proposed by the FELIX Editor at next Tuesday's UGM. The text of this motion is on page 5 of this week's FELIX.

STOP PRESS

Due to the unprecedented demand to give blood at the recent visit of the Blood Transfusion Service there will be another chance on DEC 6th. in the Union Dining Hall.



Dear Colin

I would like to take this opportunity to reply to Ian Hodgson's valuable letter in last week's FELIX. I disagree, for reasons which will become apparent, with his statement that my views on the CCUs (ie that they are tribal and anti-intellectual) are irrelevant. However, I do most strongly agree with him when he pointed out that the high standard of entry requirements for this entirely science based college leads a lot of people to develop 'very narrow minds'. This mentality Mr Hodgson suggests gives rise to the CCUs as they are at present constituted.

I would therefore suggest, in the light of my views on the CCUs, that it would be valuable to enquire into the factors which Mr Hodgson cites. It appears that at the end of the first term a considerable number of first year students leave the college never to return. Now while some of these have probably decided that Physics, Mining etc are not for them, I would suggest that some leave because they cannot stand college life. How do the CCUs reconcile this with their platitudes about helping first years to settle in? I would suggest that the CCUs are a contributory factor, though not the only one, in helping people to make up their minds that they should leave.

Therefore while the CCUs are, as Mr Hodgson rightly suggests, an effect of pressures within the college, we can also see that they are because of their tribal structure, which, as I have previously pointed out, enforces a certain kind of conformity, (dare I say 'beer-swilling') contributors to that pressure. I would therefore suggest that we should put our own house in order (ie reform the CCUs as they are part of ICU) as well as exerting our influence to abate the other detrimental pressures which Mr Hodgson suggests exists within the college. Yours sincerely
Frank James

Sir

I feel it is necessary to comment on Ian Hodgson's unjustified and ill-substantiated remarks about Steve Hutchings' letter (FELIX 532) in the last edition of FELIX. By admitting he does not know

the facts of the matter, he made his already illogical change of topic even more ludicrous. I fail to see how his comments on CCUs are in any way related to the copyright of Steve's photographs.

For the benefit of Mr Hodgson, I will repeat some facts here. Despite assurances to the contrary Steve received no credit for his photograph of Barney McCabe and Jim Sarsfield (FELIX 529). Subsequently Colin Palmer intended to publish in FELIX a copy of Steve's photograph of the RCS Exec which appeared on the cover of Broadsheet (vol 12 no 3) and the front page of a local newspaper. Steve (who had not even been asked) refused to let publication take place.

It was at this point the letter was written to Colin Palmer concerning copyright and it was not intended for publication although not making this clear was obviously an oversight on the part of Steve. Thus taken out of the context it was written in (from one individual to another) it may seem a bit pedantic.

It has already been pointed out to me that FELIX is a student newspaper with limited circulation and not a national daily, but surely it is the principle that matters. Steve is a keen amateur photographer who tries hard to maintain his own very high personal standards and perhaps more importantly takes an obvious pride in his work. For this reason he (and any other photographer) has a right to expect some acknowledgment for his efforts.

As avid readers of FELIX will appreciate there must have been some justification in his letter as the issue it was published in was inundated with credits which appeared almost as miraculously as the printer and publishers' name did (FELIX 529) after the Rag Mag controversy.

Yours faithfully
Nick Watmough
Life Sci 1

Dear Sir

I would like to use your columns to thank a number of people who have done a lot of good for this college over the last week.

Firstly, all those people who helped with or contributed to the Cambodia collection last Friday, which enabled me to put a cheque for £230 in the post at the beginning of this week.

Secondly, to the 300 people who gave blood on Monday and Tuesday, and the hundreds more who had to be turned away. Hopefully the BTS may be able to fit in another day this term, along with some more free tea and you'll have your chance then. I'm sorry about all this trouble with the blood donating, much of which was

caused by the higher than average turnout couple with the unannounced arrival of the Rag Committee's 'Real Ale' in the Concert Hall on Sunday afternoon.

Thank you very much
John Whitehouse

Dear Sir

I must write in reply to Ian Hodgson's letter (FELIX no 533) which takes a verbal sideswipe at me that I am not going to allow to pass unanswered.

He wrote (referring to my letter, FELIX no 532), "OK I don't know the facts....", but surely this means he did not read my letter properly in the first place. I stated the facts as clearly and concisely as possible but it seems by point was not grasped. Therefore I will briefly restate the important details whilst endeavouring to answer the points raised by Mr Hodgson.

I have taken, and will take, a large number of photographs depicting student activity at IC. I have no objection to anyone at IC using any of these photographs *provided* that they ask me first (a matter of courtesy) and that when the photograph is used I receive some form of credit as a mark of the work I have put in to produce that picture.

Mr Hodgson wrote, "Surely a simple and absolutely trivial matter like that can be solved without threats?" That is the only part of the paragraph with which I have any agreement. I will pass over the, "absolutely trivial" by merely saying I don't regard a potential criminal offence, ie breach of copyright, as trivial. I made every effort to resolve the situation reasonably, speaking to Colin on several occasions. When this had no result I wrote the letter. It was not intended to read as threatening, merely as cautionary. The effect of this caution can be measured by the fact that in the last two copies of FELIX (nos 532 and 533) almost all the pictures have carried a credit.

I'll close by considering the most ludicrous part of Ian Hodgson's letter. Having professed his ignorance of the facts he then sees fit to pass judgement on me, condemning me as, "a power mad prat", whose letter, "got right up my nose". I am neither a prat nor power mad and how he could infer either or both of these from my letter is a total mystery. Neither will I stoop so low as to "be excused the use of a most distasteful expression" in describing what I think of Ian Hodgson's letter. All I can say is I hope the majority of students at IC can write better letters than his. "If not, what hope for the world?"

Yours
Steve Hutchings
Chem 1

Dear Colin

Just dropping you a line to thank all the people who rowed for RCS on Morphy Day. Including the Morphy, Lowry and Rugby eights and especially the Ladies' team and coxes.

Also many undying thanks to the RCS Motor Club heroes who have toiled for so long and have been rewarded at last by the sight of JEZEBEL running again. Namely Jon Hall, Nigel Reditt, Dave Dodge, Martin Watson and Andy Wilson.

Cheers

Sean O'Boyle RCSU President

Dear Ed

Since I find it almost impossible to obtain a copy of FELIX, not even a discarded one, I have concluded that your organ must be both widely read and treasured. This, coupled with the fact that there are a great many Iranian and Moslem students at IC has prompted me to write regarding the situation in Iran.

Whilst everyone is aware of the attacks against foreign diplomatic staff, my concern is more with the rights of individual Iranians. There has been a lack of human rights in Iran for many years, but since the beginning of this year the situation has worsened considerably.

The present regime have emasculated the press, suppressed the political and religious activities of minorities and eradicated the very rich Persian culture. The streets of Tehran are ruled by the mob and intimidation pervades every aspect of daily life. Unemployment is running at 20%, inflation at 30%, there are many shortages and the economy, despite large oil revenues, is stagnating. Women have been amongst those worst affected. Apart from the obvious restrictions in personal and family rights there are now proposals that married women will not be permitted to attend institutions of higher education. The regime is even a threat to world peace because of its interference in neighbouring countries.

All this is being carried out in the name of Islam, but this is nothing more than a veil to hide the ugly face of fascism. Khomeini wallows in self-aggrandisement, something the Prophet never allowed himself. With executions, floggings and imprisonments, the order of the day, they seem to have forgotten the teachings of Imam Ali that there is a pleasure in forgiveness which there is not in revenge.

I urge everyone to support those opposing this oppressive regime and in particular moslems whose religion is being brought into disrepute.

Yours sincerely
Philip Nash

Metallurgy

MOTION TO NEXT TUESDAY'S UGM FROM THE FELIX EDITOR

PUBLIC IMAGE OF ICU

Proposer: Colin Palmer
Seconded: B Smith

ICU notes:

1. The thrashing of the IC team in a University Challenge television programme, which was recorded on Wednesday 21 November 1979.
2. That Queen's College Cambridge beat IC by 390 points to 140.
3. That the rational image of ICU has once again been tarnished.
4. The absence of the Exec and the College mascot at one of the rare opportunities for ICU to win the public respect that we so richly deserve.
5. That the DP and the Hon Sec were both supporting each other at a Haldane Library committee meeting, which they considered more important than attending an event that will influence millions of people's opinions of IC.
6. The full coverage and assistance given by STOIC, IC Radio and FELIX to the IC University Challenge team.
7. That the team was not suited to the questions asked as it was made up of a group of tea-slurping active heterosexual gentlemen.
8. That Bamber Gascoigne remained cool during what must have been an extremely boring programme for him to compete.
9. That the audience filmed for the closing sequence of the IC programme consisted mainly of Sussex Students.
10. That the audience filmed for the closing sequence of the Sussex programme consisted mainly of IC students.
11. The failure of the Cambridge team's bell and the slowness of the IC team to get their finger out to capitalise on the situation.

ICU believes:

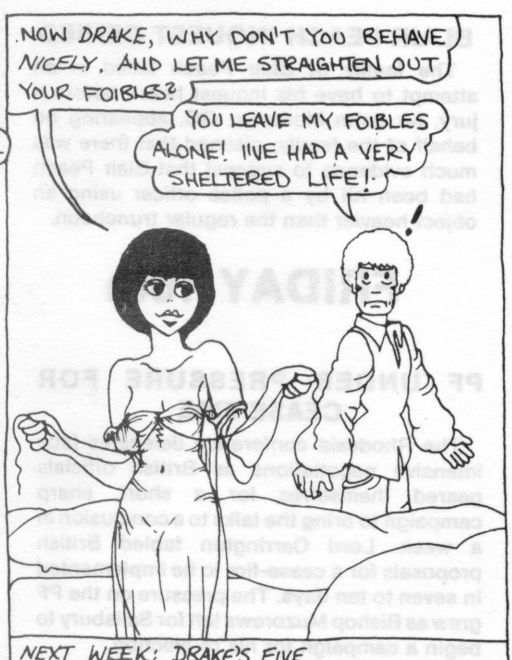
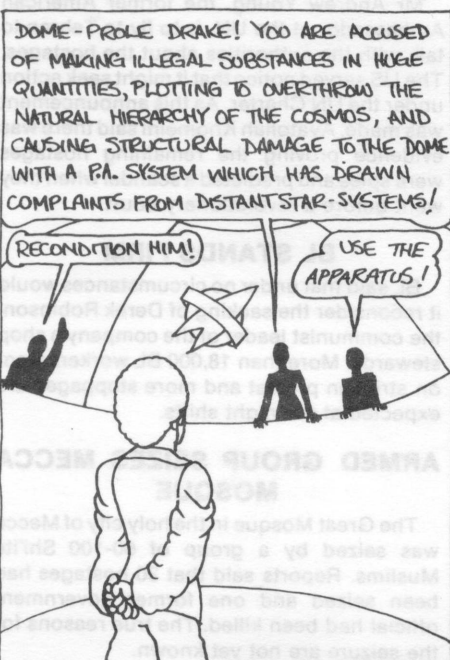
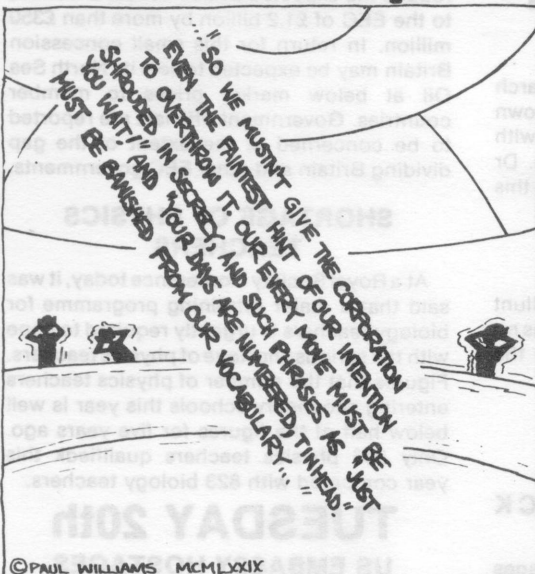
1. That a team made up of beer-swilling latent homosexual louts could do no worse than last week's team.
2. University Challenge is viewed by the public as one of the ultimate tests of university education in this country.
3. That either the style of questions on University Challenge should change or that the education given at IC should cover a wider spectrum of knowledge.
4. That the audience who obtained the IC London sign, from the TV studio, showed greater initiative and ability than the team.
5. That more women should be encouraged to come to IC so that students receive a broader education and will therefore have a better chance of scoring.

IC instructs:

1. ICU Exec to select a team made up of intelligent beer-swilling latent homosexual louts, when/if they are ever invited to appear on University Challenge again.
2. A representative of the ICU Exec to attend all student events, featuring IC, that receive media coverage.
3. ICU Exec to send the College mascot to all events when representatives of ICU are asked to appear on television broadcasts.
4. ICU Exec to write a letter to Bamber Gascoigne thanking him for inviting IC to take part and also asking him to ensure that our team will be able to answer the questions next time by ensuring that more science questions are included in the programme.
5. The Exec to inform the Rector of the contents of this motion.
6. Prospective University Challenge team members to attend Associated Studies lectures.

Drake's Seven: Episode 3

Drake is having acoustic problems. The remedy—a 400-kilowatt P.A. system which lends him startling clarity. All over the dome





DAY BY DAY



WEDNESDAY 14th

HIGHER MINIMUM LENDING RATE

The Government will announce tomorrow a sharp rise in the MLR from the present 14% to 16% or more. This is part of a package of measures designed to restore the dwindling credibility of its monetary squeeze.

CARTER FREEZES IRANIAN ASSETS

All assets in cash, securities, land and goods owned by the Government of Iran, Iranian Central Bank and 'other controlled entities remain frozen in the US under an executive order by President Carter. According to a White House statement, this order is in response to reports that the Government of Iran is about to withdraw its funds.'

RHODESIAN DEADLOCK BROKEN

A compromise formula drafted by President Kaunda broke the deadlock at the Rhodesia Conference. This was accepted by the PF and it meets many of the British demands for the transitional period.

THURSDAY 15th

SIR ANTHONY BLUNT NAMED

Sir Anthony Blunt, former advisor on art to the Queen is named as the fourth man in the Philby Affair by Margaret Thatcher. Suspicions were first raised about Sir Blunt in 1951 following the defection of Burgess and Maclean. Thirteen years later he confessed to becoming an agent of Russian Intelligence in return for immunity.

BLAIR PEACH INQUEST DENIED

The family of Blair Peach failed in an attempt to have his inquest heard before a jury. Mr John Mortimer, QC, appearing on behalf of the family, claimed that there was much evidence to suggest that Blair Peach had been hit by a police officer using an object heavier than the regular truncheon.

FRIDAY 16th

PF UNDER PRESSURE FOR CEASE-FIRE

The Rhodesia conference delegates face intensive negotiations as British officials geared themselves for a short, sharp campaign to bring the talks to a conclusion in a week. Lord Carrington tabled British proposals for a cease-fire to be implemented in seven to ten days. The pressure on the PF grew as Bishop Muzorewa left for Salisbury to begin a campaign for his re-election.

US HOSTAGES IN IRAN

The Iranian captors of the 62 American hostages threatened to take 'dramatic action' against them if the US allowed the deposed Shah to move anywhere except to Iran. A crowd of 25,000 expressed solidarity with the captors. Ayatollah Khomeini issued a statement criticising the US for seizing 'Iranian money like thieves' and the UN Security Council for refusing to allow a debate requested by Iran.

INFLATION OVER 17%

Inflation climbed past 17% last month. It is reaching the peak forecast for the early part of the winter. A new forecast by the Government due to be published next week will show a decline in inflation. This decline will be at a rather slower rate than previously expected.

SATURDAY 17th

ANIMAL SUFFRAGE

Farm animals at a Cambridge research institute are being allowed to select their own living conditions. Each pen is equipped with switches for controlling heat, light, etc. Dr Barry Cross, director of the institute, calls this "giving the animals the vote".

BLUNT STATEMENT

Mr Brian Sewell, a friend of Professor Blunt is quoted to have said "Professor Blunt has no statement to make. He feels bound by the Official Secrets Act."

SUNDAY 18th

US WOMAN AND BLACK MARINES FREED

A woman secretary and two black hostages were released after being kept hostage for two weeks at the American Embassy in Iran. They are the only ones to be released so far, but there are suggestions that all women and black hostages will be freed. Students have warned that hostages not set free will be tried by Islamic courts.

MOVE TO BAR AID TO IRA

The Justice Department in Washington decided to move against the Irish Northern Aid Committee accusing it of being limited to the Provisional IRA. In a civil suit the US Attorney General alleges that the Committee has failed to disclose the whole truth about its activities.

NERVE GAS FEARS

The Russian General Staff plan to use special nerve gas against Nato installations, before resorting to nuclear weapons in the event of war, according to senior defence experts in US. Many of the warheads on Soviet missiles are known to be armed with chemical agents and some analysts believe that the kill rate of the nerve gas is higher than that of nuclear warhead over a given area.

MONDAY 19th

LEYLAND WALKOUT

A walk-out by several thousand workers follows the dismissal of Derek Robinson, the Senior Shop Steward Convener, at British Leyland's Longbridge, Birmingham plant. Mr Robinson was dismissed for 'deliberately undermining the company's recovery programme' by publishing a document calling for 'disruptive action'. The dismissal occurred at disciplinary proceedings where three other senior stewards who took part in the production of the document were given a warning that they too face dismissal if they do the same again.

EEC CONCERN

At a meeting today of EEC Finance Ministers it is clear that with the exception of Luxembourg no EEC government is ready to reduce the expected British net contribution, to the EEC of £1.2 billion by more than £350 million. In return for this small concession Britain may be expected to seal its North Sea Oil at below market prices to member countries. Government officials are reported to be concerned at the extent of the gap dividing Britain and other EEC governments.

SHORTAGE OF PHYSICS TEACHERS

At a Royal Society Conference today, it was said that a major retraining programme for biology teachers is urgently required to cope with the serious shortage of physics teachers. Figures that the number of physics teachers entering secondary schools this year is well below half of the figures for five years ago. Only 256 physics teachers qualified this year compared with 823 biology teachers.

TUESDAY 20th

US EMBASSY HOSTAGES

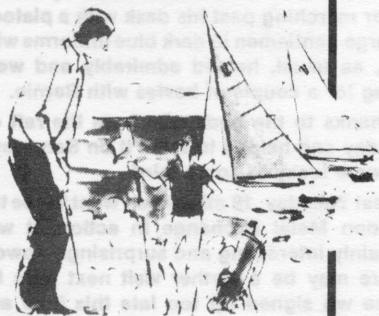
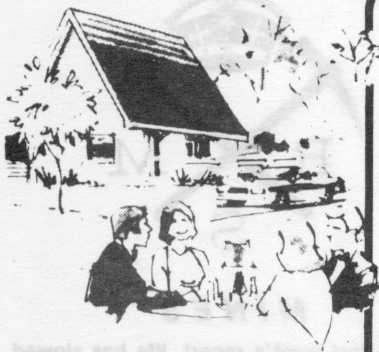
Mr Andrew Young, the former American Ambassador at the UN, is to fly to Tehran to talk with the authorities about the hostages. The US served notice that it might seek action under the UN Charter. As this announcement was made, Ayatollah Khomeini said there was evidence proving the remaining hostages were spies and predicted a scandal when they went before a revolutionary court.

BL STANDS FIRM

BL said that under no circumstances would it reconsider the sacking of Derek Robinson, the communist leader of the company's shop stewards. More than 18,000 BL workers went on strike in protest and more stoppages are expected at the night shifts.

ARMED GROUP SEIZES MECCA MOSQUE

The Great Mosque in the holy city of Mecca was seized by a group of 60-100 Shi'ite Muslims. Reports said that 30 hostages had been seized and one former government official had been killed. The true reasons for the seizure are not yet known.



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Electrical Engineers
Mechanical Engineers
Physicists
Applied Mathematicians
Computer Scientists
and Graduates in any
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97 Cromwell Rd SW7

TUESDAY 27th NOV. 7.30 p.m.

**Speakers Burroughs — Glenrothes, Croydon
and Burroughs Marketing**



Burroughs



CITY AND GUILDS

As this is Rag Week, the time since the last article has been slightly hectic. Tuesday saw our UGM with the completely unfair trial of a nameless exec member and some fun. Morphy Day followed with a slightly outnumbered (where was everybody?) Guilds contingent putting up a good fight, although we lost the oar. We managed to cover rcs and mines in a thick and smelly layer of shit and other disgusting bits and pieces. Some enterprising people stole rcs's fish guts, while they weren't looking.

The tea in Harrods took place as usual. Thursday saw the rcs smoking concert, with us taking part in a sketch which was fun although we don't always dress up in women's clothing.

The Rag Procession was on Saturday afternoon with our float being built using the Guildshow bits and a few extras. We collected £525.791/2 with the bottle of wine going to Jo. The exec got wet when their raft capsized on Sunday although no one lost their voice this time.

FORTHCOMING EVENTS

TONIGHT is Carnival, so if you haven't got a ticket come along and pay on the door, if you get there early. Be sure not to miss this event.

SUNDAY 2nd is the Guilds Rugby Sevens at Harlington. There is free transport leaving at 10:00am from Beit Arch. Everyone is invited to enter a team and there is also a ladies competition. Team names which may include one guest should be handed to Mark Jenner or in the Union Office. There will be cups and liquid prizes and in the evening, for the players and supporters (as many as possible should turn up), there will be hot soup, rolls and a film.

There is a trip to see 'The Life of Brian' on TUESDAY 27th. Tickets are available from the Guilds Office.

It has come to my notice that there are several posts vacant as official Publicity Officer's groupies. Applicants should have extreme patience, be able to put up with grumbling and above all female. Applicants to C&G Union Office. I don't want any of Jo's old ones.

Cheers
Bryan

WANTEDS

SOMEONE TO FIX MY MIKUNI 18-32 twin-choke, two-stage carb. Workshop manual but no tools, so I can't do it myself! Financial reward to anyone who can put it right. This is **urgent!** Contact Dave Ghani, Civ Eng 3, internal 3240.

COMPLETE HEWLETT PACKARD MODEL 25, 24C or 33. Any reasonable price paid. D R Groves, Min Tech 1.



After three and a half years, JEZ is back on the road. Having had a small adjustment made to her engine during last week. She was fired for the first time late on Saturday night. The next day, Jon Hall et al took her out for a short trip, and by all accounts riding on the back of a 1916 Dennis fire engine is something different.

The was perhaps the highlight of a very successful week for RCS. From Morphy Day where a combined operation with RSM defeated a disorganised Guilds' force to Sunday's bar night where we outsang, outchanted and outnumbered Guilds (where were the Miners), everything was very well attended.

The Ents committee richly deserve to be congratulated for Thursday's excellent smoking concert. Equally successful were Saturday's procession and the raft race which we won again. Although in the case of the latter if the Exec had gone any slower they would probably have ended up in the water with the intrepid Adrian Black who was swimming across the Serpentine for Rag.

Going to smoking concerts or attending bar nights is obviously not everybody's cup of tea and suggestions for any other activities that could be organised within the framework of RCS are always welcome.

By the time you read this you will no doubt be fed up of Rag. Don't worry you've got a whole week off before the year collections on 1st December. This is the last RCS collection of term and speculation is rife as to who can challenge Life Sciences 1 for the barrel that's offered to the most successful year group. Rumour has it that Maths 3 (sic) are trying hard. Even if you haven't been on any Rag stunts yet, your social representatives will be more than pleased to see you. Even if you can only give an hour or two, it could help change a child's entire way of life.

Work hard and enjoy yourselves,
Nick Watmough.

Anyone interested in the Human Rights Motion to be put before the next IC UGM on November 27th is welcome to have a copy of the United Nations Declaration of Human Rights. Copies are available from the Union Office or Tim Hillyer, Maths 3.

Nominations are required for the following posts: Hon Sec, Asst Sec and one committee member for ICU OSC.

The elections will be held on Thursday 6th December. Meet in the Union Office at 1:00pm. Nominations to be given in by 5:30pm Tuesday 4th Dec.



MINES

Since last week's report, life has slowed down a little in Mines. On Friday there was the Rag and Drag Disco, coinciding the Royal School of Mines Association's 95th annual dinner. Not a few minesmen went to the latter and thoroughly enjoyed the dinner, speeches and fraternisation (yes, the bar for it lasted till 2:00am as well) afterwards.

Saturday was the Rag Procession. Simon would like to thank all those heroes who came and helped him build the float in record time (under two hours) and also all the miners who came on the actual procession and collected. The security guard in Mines had a shock in the afternoon: he was confronted by Bernie Pryor marching past his desk with a platoon of large gentlemen in dark blue uniforms who had, as usual, helped admirably and were going for a couple of bevs with Bernie.

Thanks to the bods who bore the raft on Sunday and helped to build it on Saturday - we were lucky to come third.

Last Tuesday, 18 minesmen went to see the London Metal Exchange in action. It was certainly interesting and surprisingly rowdy. There may be a further visit next term for those who signed up too late this time and perhaps a lecture by one of our guides on the LME and the economies of metals in general.

FOR THE FUTURE

MONDAY 26th NOV: MIN & MET SOC - Lecture by Stan Foster ARSM on Coal Worldwide in MLT 6:00pm.

TUES 26th NOV: MET & MAT SCI SOC - Lecture by Prof Pashley, FRS (he's Head of the Dept) on Crystal Structure from Electron Microscopy in G20 at 6:00pm, followed by the Hot Pot Supper (tickets £1.50 from the committee).

DEC 9-14th: RSMU FOREIGN STUDENTS WEEK - It's nearly on us, so if you want to go on any of the visits, sign up on the lists outside G20. Exact details will be coming soon.

DEC 14th: MINES BALL - The event of the year. Double tickets £17.00 from RSMU Office or social reps.

This Saturday volunteers are needed to help amuse the kids who will be occupying the ICWA Lounge during the 'Latin American Women's Conference' to be held at IC this weekend. Anyone interested contact John Whitehouse in the ICCAG Room, Top Floor Union, today at 12:30pm for details.

FELIX SUPPLEMENT

IMPERIAL COLLEGE FOLK CLUB 1979-80

UNION LOWER REFECTORY
EVERY MONDAY
8:00pm

Nov 26 - SINGERS NIGHT in the lower lounge. Come and sing, play or just listen. Free.

Dec 3 - HEMLOCK COCK AND BULL BAND. a lively band of nutters who play English and French song and dance music. Admission 50p, members 25p and musicians free.

Dec 10 - CHRISTMAS CEILIDH, dancing to music by the Reelists, a six piece electric folk club. Admission 75p, members 40p. From 8:30-12:00pm.

Jan 7 - ROARING JELLY "Hackneyed.... boring" - Derby Evening Telegraph. "Unusual and original" - Melody Maker. Named after a jig they liked but couldn't play, now they can, they don't. An excellent band for the first night. Admission £1.00, members 50p.

Jan 14 - SAM STEPHENS AND ANNE LENNOX MARTION sing a mixture of music hall and traditional folk. Very entertaining. Admission 60p, members 30p.

Feb 14 - MIDAS a relatively new male/female duo who play traditional, contemporary and humorous music. They already have two songs on record and extensive bookings. Should have a great future. Admission 60p, members 30p.

Feb 18 - BICKY ROCKIT promise a good evening' entertainment in exchange for green drinking vouchers. Also to divulge the derivation of their name to the fortunate few who turn up to listen. Admission 60p, members 30p.

Feb 25 - LES BARKER Mrs Ackroyd is an excellent performer and Les isn't a bad poet himself. Admission 60p, members 30p.

Mar 3 - SINGERS NIGHT free

Mar 10 - MR SMITH humourist on the guitar, plays unusual but familiar novelty tunes not written for the guitar as well as some serious arrangements. Admission 60p, members 30p.

REVIEW

THE EAGLES 'THE LONG RUN'

(SINGLE REVIEW)

The second release from the album of the same name, this is a record that I actually like (it's a good thing that I'm not reviewing the new Floyd single, despite being a Floyd fan). It makes an excellent follow-up to 'Heartache Tonight', a recent chart success for the band. Like 'Heartache' it has a strong beat, but isn't quite so raunchy, being more in the traditional Eagles style, although the influence of Joe Walsh is present and certainly prevents the music being in a rut.

The lyrics are written by Don Henley and Glen Frey, and surprisingly for the Eagles, give an optimistic message of hope when in difficulties; they are sung with feeling by Don Henley. Joe Walsh directly contributes some excellent work on slide guitar, there is also a pleasing backing of Don Felder on organ. The new drummer, Tim Schmidt formerly with Poco, provides a rock steady beat with interesting and imaginative variations in exact rhythm. In all this is an excellent production by Bill Szymczyk (what a name!) who has very closely followed Glynn John's production style of this masterful West Coast band.

This is a good choice of single for pre-Christmas release, and if you don't already own the album, would make a reasonable addition to your record collection.

Jeremy Nunns
Record courtesy of IC Radio.

CLUES ACROSS

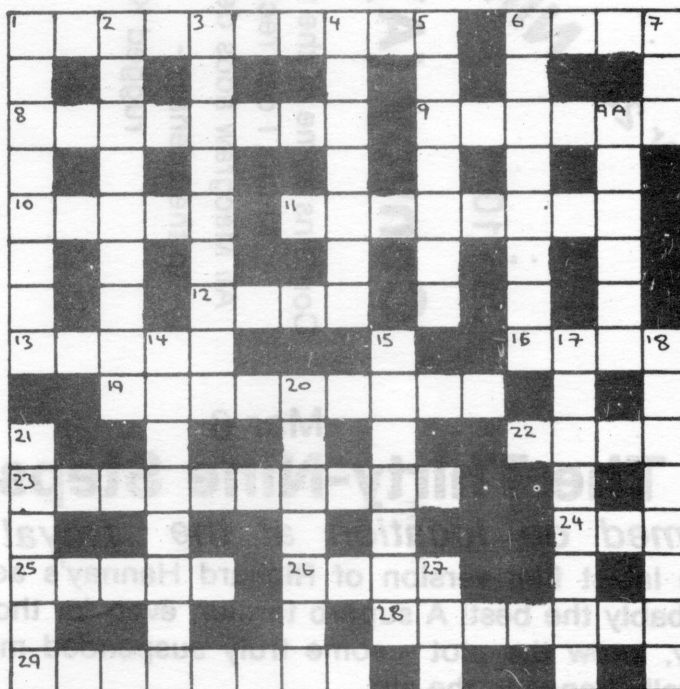
- 1 For each creation (10)
- 6 Guildsmobile....then again (4)
- 8 Record Metal Band (8)
- 9 Create traditional dog food (6)
- 10 Boss (5)
- 11 Sounds like informal drink (8)
- 12 Futile (4)
- 13 Speech has time period (5)
- 16 Contain (4)
- 19 Sounds of annoyed cash? (8)
- 22 Retain (4)
- 23 Detention place insect? (10)
- 24 A party? (3)
- 25 Stay away from (5)
- 26 Encircle (4)
- 28 Brown off upper class type (7)
- 29 Angry hidden in refuge perhaps (8)

CROSS WORD

CLUES DOWN

- 1 Domestic animal Xmas insect? (8)
- 2 With regard to before dispatched? (9)
- 3 Belongs to us 'little people' (9)
- 4 Contain by wheat (7)
- 5 Small ball (7)
- 6 Batchelor of Arts in table supplies at this College (8)
- 7 Beam (3)
- 9a Suspended motion (6)
- 14 Sight hinted editor? (8)
- 15 Fool Dwelling (7)
- 17 Hail angered (8)
- 18 Things people did (8)
- 20 Plunge in (7)
- 21 Before T Group (6)
- 27 Colloquial riot (3)

BACK DUE TO POPULAR APATHY! —
IAN FORRESTER



SUSAN GEORGE
IN
The Strange Affair (X)

May 1

This luscious lady stars with Michael York
in this hard-hitting police thriller.

Quotes from various oddballs who've seen it!

"Great!",
"Terrific",
"Hilarious",
even
"WAY OUT MAN!"

TO BE ANNOUNCED
Jan 17

Apr 24
Nine Lives of Fritz the Cat (X)
Convoy (A)
Jan 10

Contains some of the funniest
stunts I can recall.
Ali Macgraw adds delightfully
to the scenery -
rugged Kris Kristofferson!

Midnight Express (X)
Jan 31
Shit-grass, Turkish prisons (no, not baths), brutality
etc. all go to make a gripping film
Definitely one for the Diary!

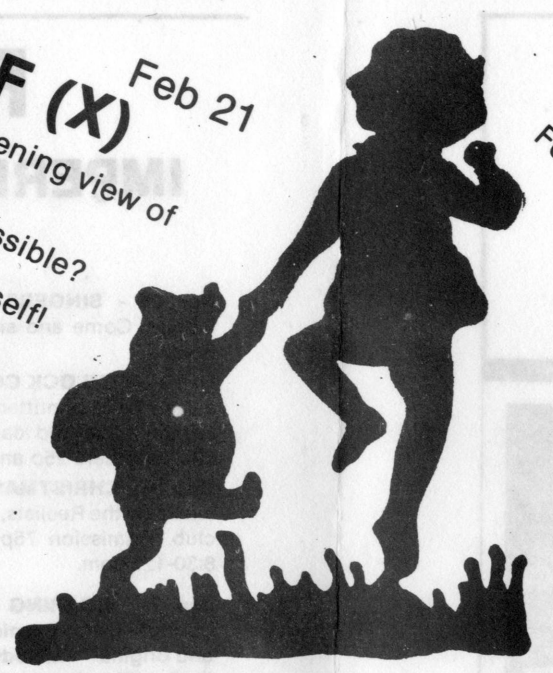
Mar 6
The Thirty-Nine Steps (A)
Filmed on location at the Royal Albert Hall
The latest film version of Richard Hannay's adventures and
probably the best! A superb thriller, even for those who, think
they, know the plot - some truly suspended moments! Time
literally hangs in the air!

Inspector Clouseau
IS
than Peter Sellers
Need I say more

The Pink Panther (A)
May 8

FELIX was never like this - what happened?

IF (X) Feb 21
What if.....a frightening view of
our public schools,
is it possible?
Come and find out for yourself!



REST OF

Ent's
79 - 80
Films

All in Mech Eng 220
At 6:30pm (except American Graffiti)
admission ONLY 30p

Holocaust 2000 (X)

Powerful,
apocalyptic
horror/sci fi
movie.
Is it really
THE END?

Dec 6

Mar 20 Young Frankenstein (AA)
An obvious piss-take film, but well worth watching Marty
Feldman in this comedy (?)

Feb 28
THE MEL BROOKS FILM
Laserblast (A)
May 15
Relax from your labours of love -
unprintable eight letter word
and enjoy this Sci Fi film.

Confessions of a Driving
Instructor (X) May 22

Just the job (?) to raise your eyelids, and see how Timothy Lea
survives the trials of being a driving instructor.

The Song Remains
the Same (A)
Jan 24
For all rock lovers - particularly those who are
heavily involved - here's LED ZEPPELIN flying
high in concert and in private.

Dec 13

Soldier Blue (X)

A film for everyone - western,
romance, violence, etc.
Come and see it - bring your
handkies and paper bags!
Another film NOT to be missed.

The Canterbury Tales (X)
Nov 29 (NOT 24 as advertised in FELIX 533, Nov 9th)

A hilarious romp through medieval England.
A great laugh, but please NO red hot poker!

Catch 22 (X) Feb 7
This film same, name, but true!
insane or even insane?
I get confused - is this film sane?
difficult, but true!

For all you tender lovers out there on St Valentine's Day - come
and see CLINT EASTWOOD in murderous action in this cliff-

YES FOLKS! ITS CLINT TIME!
Feb 14 The Eiger Sanction (AA)

American Graffiti!
Feb 28
Needs no introduction from me, it's a classic of our times!
Maths Theatre 'A' (room 213)

hanging film!



Imperial College ENTS PRESENTS



BETHNAL

WITH
THE TIME FLIES
IN THE
UNION CONCERT HALL
Sat Nov 24 - 8pm

TICKETS : £ 1:50 ADV.
£ 2:00 DOOR

AVAILABLE from IC ents , Prince Consort Rd, SW7 (sae)

↔ S. Ken ↔ Albert Hall

ENQUIRIES - 01- 589 8238

HOW TO GET MORE MONEY!

Living on a grant is not the easiest thing at the best of times, and if, for example, the full parental contribution is not forthcoming, it can be well nigh impossible. Rising accommodation costs and the effects of inflation all go to making survival that little bit more difficult.

When the grant figures are worked out the bureaucratic mind is no doubt influenced by other benefits which students may be entitled to and the grant is calculated accordingly.

This article is a quick survey of some of the ways in which you can increase your income simply by filling in the right forms at the right time.

DO YOUR PARENTS HAVE TO MAKE UP YOUR GRANT?

If so, by using a covenant and getting the tax that your parents have already paid on their contribution back from the taxman, you can end up with 1.43 x what you get at the moment (nearly half as much again). There used to be a number of complications with covenants arising from the child tax-allowance, but these have now disappeared and virtually anyone receiving a parental contribution can benefit hugely, simply by filling in a form.

Further information on how to draw up a covenant can be obtained from the Welfare Centre.

HAVE YOU EVER EARNED OVER £375 IN ONE TAX YEAR?

If you have, you may be able to claim: **Unemployment Benefit** during vacations and **Sickness Benefit** if you are ill for more than three days (even during term time) **PLUS** various other benefits.

Eligibility for these benefits is based on the national insurance contributions which you have paid on earnings during the **RELEVANT TAX YEAR**. The 'relevant tax year' is the complete tax year preceeding the calendar year in which you are claiming. Thus if you claim in 1979 it is April 1977 - April 1978 and for 1980 it is April 1978 - April 1979. The amounts that you have to have earned and the benefits they produce:

April 1977-1978	April 1978-1979
£375-569	£437.50-664
£570-749	£665-874
£750 plus	£875 plus

Weekly Benefit
£9.25
£13.88
£18.50

If you have earned more than this you should get an earnings related supplement as well.

If you have earned this kind of money in any tax year and your 17th birthday fell after April 1977, you may be eligible even though you didn't earn the right money in the right tax year.

THERE ARE 9 SPARE NURSERY PLACES.... Contact University of London Union, Malet Street. Nearest tube: Russel Square. The places are for children aged between two and five. See Michsel Arthur or phone 580-9551 ext 41.

One thing to watch out for is the effects of the dreaded 'thirteen week rule'. What this means is that if you make one claim and then make another within thirteen weeks of the first, then the second claim is treated as being a continuation of the first claim so that it is your entitlement from the second claim. This means that you have to do your sums carefully before making a claim or else you may end up losing out.

Example: Harry's entitlement during 1979 will be based on the £520 that he earned during summer 1977 because it falls into the 1977-78 tax year. If he claims in 1980, his entitlement will be based on the £880 that he earned during summer 1978.

The first three days of a period of sickness or unemployment do not count for these benefits so Harry will be entitled to a week's sickness benefit, two weeks unemployment benefit for the Christmas 1979 vacation and four weeks benefit for the Easter 1980 vacation. If Harry claims at Christmas, his claim at Easter will be affected by the thirteen week rule and he will get the same rate at Easter as he did at Christmas. If you look at the benefit rates listed above, you will see that this entitles him to £9.25 per week. If Harry doesn't claim at Christmas, his claim at Easter will not be affected by the thirteen week rule and a quick look at the benefit rates shows that he will be entitled to £18.50, based on the £880 that he earned in the 1978-79 tax year. So, if he claims at Christmas 1979, he will get: £9.25 sickness benefit, £18.50 (2 weeks at £9.25) unemployment benefit (Christmas) and £37.00 (four weeks at £9.25) unemployment benefit (Easter) making a total £64.75.

If Harry doesn't claim at Christmas however, he will get £9.25 sickness benefit and £74.00 unemployment benefit (Easter) making a total of £83.25. So, if Harry plays his cards right he can make £18.50 more by omitting to make one claim than he would have done if he had made the claim.

DO YOU PAY RENT?

Rent probably accounts for more than one third of your weekly income and it is one of the areas in which the biggest savings can be made.

The Rent Acts provide machinery whereby any tenant can approach their local Rent Officer or Rent Tribunal and ask them to register a fair rent. (The choice of who you go to depends on the kind of accommodation that you live in.) A fair rent is likely to be around half of what you are paying at present.

Many landlords try to offer you a deal which takes you outside the ambit of the Rent Acts but most of these are shams and needn't deprive you of your rights.

DO YOU HAVE TO PAY RENT DURING THE VACATION?

If you do, you can claim a Rent Allowance and a Rate Rebate from the housing department at your Town Hall. Actually, you can claim these all the year round, but they are much more beneficial during the vacation when the grant doesn't cover accommodation. The sooner you start claiming these, the more money you will end up with.

SUPPLEMENTARY BENEFIT

Another way of paying your rent during the vacations is to claim Supplementary Benefit. This involves signing on as unemployed in London each (or at any rate most) weeks during the vacation. Once you have signed on as unemployed, you then go to the offices of the Department of Health and Social Security to fill in some more forms and have an interview.

One snag about claiming Supplementary Benefit is that it means that you are automatically claiming Unemployment Benefit. This means that if you claim for your rent at Christmas and were thinking of claiming Unemployment Benefit at Easter you will be clobbered by the thirteen week rule.

If you would like further information on any of this or want some of the abundant confusion clarified, please come and see me in the Welfare Centre (third floor, Union Building).

MICHAEL ARTHUR
Welfare Adviser.

FELIX SOCIETY

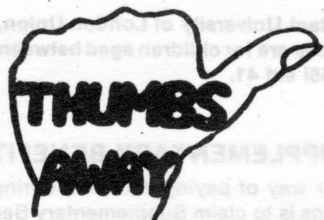
The first meeting will be held on **Monday 26 November at 12:45 in the FELIX Office**. Matters arising are elections to posts on the committee and the 30th anniversary issue of **FELIX**. All are welcome to attend. Contact the Editor for further details.

UGM

Union General Meeting, this **Tuesday 27 November at 1:00 in the Great Hall, Sherfield Building**. Motions include **Cambodia, Human Rights, Student Grants for Cities, Education Cuts and the Corrie Bill**.

TABLE TENNIS CLUB presents A CHRISTMAS HANDICAP COMPETITION

Last two weeks of term. Entrance **25p to Pete Hewkin, Physics 3**. Festive Prizes. Open to any member of College. See posters for more details.



If you've never hitched out of London, then knowing where to start from can be a problem, so here are some bits of information I've gathered:

Go West Young Men (or Women)

The number 27 bus goes to Bristol, South Wales and the South West. Well, not all the way, but you can catch the 27 from Barkers on High Street Kensington and it will take you to Chiswick roundabout. This is a famous hitching spot: it is the junction between the North and South Circular Roads and the M4 and is heavily used by all sorts of traffic. The best place to stand is by a couple of small lay-bys on the slip road leading on to the M4 just a few yards from the roundabout. I would strongly recommend this spot if you want to go anywhere in the West: on the dozen or so occasions I've hitched from there I've never waited more than fifteen minutes for a good lift. (NB Gunnersby tube is only a few hundred yards away from the roundabout too.)

The Northern Lights

Staples Corner, the start of the M1, appears to be a most unsuitable place to try and get a lift: the motorway leads straight off the roundabout junction with the North Circular and there is nowhere for cars to pull up except the hard shoulder (where it is illegal for motorists to stop for you). Nevertheless it is a popular spot for hitch-hikers and on Friday evenings it's like a bus queue there. Don't be put off if you're tenth in the queue: offers of lifts come very frequently (every two or three minutes) and once past Watford Gap you're well on your way to any city in the Midlands, North East and North West. The 16A from Hyde Park Corner and the 266 from Hammersmith go to the roundabout; the 16 and 616 go to the Cricklewood Garage, which is only ten minutes walk away.

Cambridge Rejects

If you want to visit the town where you might have gone to university, the M11 goes most of the way there but is a surprisingly quiet road. The central line tube station at Redbridge is by the start of the M11. Alternatively you can try the A10: Piccadilly line tube to Turnpike Lane then the W1 bus to the Great Cambridge Roundabout, also on the North Circular.

Oxford Rejects

The road to that other den of dons is the

A40. You could try starting at Paddington or Shepherd's Bush, but the recommended spot is the A4/North Circular Interchange at Hanger Lane - central line tube right there.

Deep South

I hate hitching south from London: SE London especially is a maze of roads through suburbia with no clear routes. Here are a few possibilities though:

A2 for Dover, Canterbury etc: Shooters Hill seems to be the best bet, probably at the junction with Rochester Way, but I've never tried it myself (!) (36 bus to Lewisham, then the 108 to Rochester Way). A3 for Portsmouth. Catch the 14 bus to Putney and then walk towards Richmond. After a mile there's a damn good roundabout to hitch at. If you want to get on the M3 there are several roundabouts along the Chertsey Road that are quite reasonable. Take the tube to Richmond and walk from there.

Epitaph

That's my lot, but prompted by a letter in FELIX two weeks ago, I started thinking about the idea of a hitch-hiking race and wondered about combining it with a way of raising money for Rag. How about a day's sponsored hitching race around Easter time? (ie when the weather is better). If you've any ideas on this, drop me a line via the FELIX Office.

Gilly Anchors

SOME LITTLE KNOWN PHYSICAL LAWS

Everybody has heard of the celebrated **Murphy-Sodde Law** usually in the form defined by one Jennings: "The probability that a piece of bread dropped onto a carpet will fall with the buttered side down, is directly proportional to the cost of the carpet" or else in the original, "If something can go wrong, then it will." There are many minor laws of sciences which are related to these, but unfortunately less well-known. One is the **Law of Selective Gravity** attributed to one of Galileo's pupils: "An object will fall so as to do the most damage." No doubt the reader will have heard of the experiments carried out from the leaning Tower of Pisa in order to prove this, in 1612. This Tower is itself an example of Murphy's law of course. A variant of the above law is "A component will fail so as to do the most damage." There is also the **Law of Cussedness of Natural Objects** which states that "the likelihood that a component (eg nut or ball-bearing) will roll away into an inaccessible place, is directly proportional to its importance in the apparatus." O'Toole has made an important **Observation on Murphy's Law**, viz, "Murphy was an optimist."

Murphy's law is a comment on our difficulty in understanding causality and coincidence in the Universe, and is therefore applicable to many disciplines. For instance, applied to the theory of queues, it yields **Etorre's Observation**, "The other line always moves faster."

There are a number of quite separate rules governing scientific research. These include **Gordon's Law**, "If a project is not worth doing at all, then it is not worth doing well," and **Hoare's Law of Large Problems**, "Inside every large problem is a small problem struggling to get out." Those who have studied Physics will have encountered Fermi's Golden Rule but may not know the **Second Golden Rule**, viz, "whoever has the gold, makes the rules."

Parkinson's Law is of course very well known, stating that "work expands to fill the time available"; derivative of this is the **ninety-ninety rule of project schedules**: "The first 90% of the job takes 90% of the time, and the last 10% of the job takes another 90%."

Turning to **Thermodynamics**, there are four laws, of which no-one can remember the zeroth law (which is actually a mathematical formulation of thermodynamic equilibrium); but the first three laws have been paraphrased as follows.

1. You can't win, you can only break even.
2. You can only break even at absolute zero (-273 C).
3. You can't ever reach absolute zero.

The second law leads to **Zymurgy's First Law of Evolving Systems Dynamics**, "Once you open a can of worms, then the only way to recan them is to have a larger can."

The scientific method itself is neatly encapsulated in **Maler's Law**, "If the facts do not conform to the theory, then they must be disposed of." A quite serious law, for a change is that thought up by William of Occam (1284-1349) and known as **Occam's Razor**; this states, "90% of any theory can usually be disposed of" or "a good theory has a minimum of variables in it."

In the pseudo-sciences, very few of the laws very sensible (it's said that if you laid all the economists in the country end to end, they'd never reach a conclusion) but I rather like **Barth's distinction**: "There are two types of people; those who divide people into two types and those who don't."

I am sure that the Editor will be pleased to hear of any other laws of science, whether variants of Murphy-Sodde's law or otherwise, which readers may have come across. (You wanna bet — Ed)

Derrick Everett

SUMMER IN AMERICA

Wouldn't you like to work in America next summer and earn enough to tour the States and Canada? Of course you would, so why not do it next year with the British Universities North America Club?

BUNAC is a non-profit making national club which organises an exchange program enabling students at British universities - including overseas students - to work in the USA and Canada. BUNAC arranges members' work permits, flights, insurance and the first night's board in America. They also have an office in New York to give help to the participants, should they need it.

Members have the choice of finding their own job or of working at a kids' summer camp. Those who choose to work at a camp have the further choice of whether to work with the children (it helps if you are a bit extrovert) or working on the kitchen or maintenance side. Those who choose to work on a camp have everything arranged for them. However, those members choosing the other scheme have to arrange their own job for themselves, although BUNAC does publish a small job directory early next year to help. It is possible to get jobs in industry that are even better paid than the casual labour jobs that most participants work at. The idea of the schemes is that members should be able to break even overall if they wish.

Interested? Then come and find out more about the BUNAC schemes at our weekly meetings, every Friday between 12:30 and 1:30 in the Green Committee Room on the 3rd floor of the Union Building.

IC BUNAC Committee: Philip Harper (Physics 3) and James Rowley (Physics 2).

AWFUL RECORD REVIEW

Sarah Brightman and the Aliens 'LOVE IN A UFO'

(release date October 12th)

Similar to 'I Lost my Heart to a Starship Trooper', which is all that need be said, except that it contains the touching lyric: "Oh what a trip it was - so cosmic-ly orgasmic, I'd no idea he was an android made of plastic".

Simon Hodgson

FRIDAY 23 NOVEMBER

5:00 Tune In - Jon Fewtrell
6:00 Sounds Country - John Clark with C&W that you are guaranteed to enjoy.
7:00 Viewpoint - Chris Dalton with the review of the week.
9:00 Roundabout - Nick Melling
11:00 Through Midnight - Gerard Jennings
1:00 Closedown

SATURDAY 24 NOVEMBER

8:00 Wake up with Jon - Jon Firth including weekly local cinema guide and a listen to some of Mike Oldfield's new album Platinum.
11:00 Wibbly Wobbly Wireless Show - Dave Fuller including IC Yesterday featuring news and events of former times at IC.
1:00 301 Sports Line with sports reports at 1:30, 2:30, 3:25, 3:50, 4:25, 4:50 and 5:30.
6:00 Heavy Metal Show - Julian Pitt
8:00 (for this week only) Roundabout - Sahara Talbot. The Dessert Show in which anything you want gets played.
11:00 Through Midnight
1:00 Closedown

SUNDAY 25 NOVEMBER

8:00 Wake up with Jon - Jon Firth with IC Sports desk at 10:30.
11:00 S&M Show - Simon Milner including your guide to gravel pits with Slimey Mildew.
1:00 Harvey Takes You Through the Afternoon - Harvey Nadin.
4:00 Roundtable - Jon Fewtrell, produced by John Clark and Jon Firth.
5:00 Focus on ELO - Tony Ferguson
6:00 JC Sunday Special - John Clark including a sprinkling of comedy between 6:00-7:00 plus at 7:30, the whole of Genesis' Supper's Ready from Foxtrot.
9:00 Gramophone Request Programme - Peter Bennett plays two hours of your requests and dedications.
11:00 Through Midnight ease into Monday with Huw Baynham
1:00 Closedown

MONDAY 26 NOVEMBER

5:00 Tune In
6:00 Ragged Heroes - Eric Jarvis produced by Sid.
7:00 Viewpoint - David Fuller with IC Radio Top 20.
9:00 Roundabout - Simon Littlejohn
11:00 Through Midnight - Sid
1:00 Closedown

TUESDAY 27 NOVEMBER

12:00 Midday Spin - Simon Woods
2:15 Closedown
5:00 Tune In - Mark Jones
6:00 That's Jazz - Harry Magnay produced by Simon Milner.
7:00 Viewpoint - Karen
9:00 Roundabout - Sarah Talbot. Live dangerously and phone requests in on internal 3440.
11:00 Through Midnight - Tony Oliver
1:00 Closedown

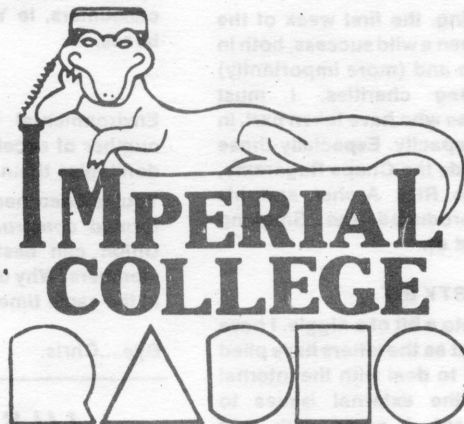
WEDNESDAY 28 NOVEMBER

5:00 R&B - Sid
6:40 301 Newslines
7:00 Viewpoint - Jon Firth with 301 Sports Desk at 8:30, chart of yesteryear and Thursday's gigs and a chat with STOIC about their programme this week.
9:00 Roundabout - Gerard
11:00 Through Midnight - Nick Melling
1:00 Closedown

THURSDAY 29 NOVEMBER

12:00 Midday Spin - Tony
2:15 Closedown
5:00 Tune In - Jon Marsden
6:00 Disco/Boogie Time - Alan Burton
7:00 Viewpoint - Simon Milner with weekend gig guide at 8:45 and the featured new album.
9:00 Roundabout - Simon Woods
11:00 Through Midnight
1:00 Closedown

I. C. Radio Times



301metres, 999kHz medium wave



Chris Dalton in the I.C. Radio main studio.
He presents Viewpoint tonight and every Friday.

Photo by
Jeremy Nunns

IC RADIO TOP TWENTY 19/11/79

- 1 (—) Electric Light Orchestra - Confusion/Last Train to London
- 2 (1) Madness - One Step Beyond
- 3 (2) B A Robertson - Knocked it off
- 4 (14) Boomtown Rats - Diamond Smiles
- 5 (8) Dr Feelgood - Put him out of Your Mind
- 6 (7) Damned - Smash it up
- 7 (12) Matchbox - Rockabilly Rebel
- 8 (15) Clive Pig and the Hopeful Chinamen - Happy Birthday Sweet Sixteen
- 9 (9) Chicago - Mama Take
- 10 (10) Sham 69 - You're a Better man Than I
- 11 (20) Santana - You Know That I Love You
- 12 (13) Noosha Fox - Skin Tight
- 13 (17) Def Leppard - Wasted
- 14 (—) Sports - Who Listens to the Radio
- 15 (—) Jam - Eton Rifles
- 16 (18) Kool and the Gang - Ladies Night
- 17 (16) Dirt Band - An American Dream
- 18 (—) Stevie Wonder - Send One Your Love
- 19 (—) Robert John - Sad Eyes
- 20 (—) Matumbi - Point of View.

Compiled by Sarah Talbot from the most played records on IC Radio over the past two weeks.

LIFE IN THE BALANCE

NICE BIT

Once Rag Week is over the term is officially on the wane and, with only the Monster C&G Carnival to go, that is nearly the case.

At the time of writing, the first week of the 'Rag 11 Days' has been a wild success, both in terms of attendance and (more importantly) profit for the Rag charities. I must congratulate all those who have taken part, in an organisational capacity. Especially those from Mines who made the Chaps Ragarama, great fun and also Rick Archer and his committee who produced the Smoking Concert to be proud of.

NASTY BIT

Which brings me onto a bit of a niggle. I have watched with interest as the letters have piled in urging the Union to deal with the internal issues and leave the external issues to personal commitment. I agree with that absolutely and it was the very lynch-pin of why I stood. The letters then go on to cite refectories and accommodation as such internal issues, which is true, and the education cuts as an external issue and it is here that I must disagree. The effect of the reduction of the College budget is going to have drastic repercussions on the overall service offered by College. The college, in the next few years, will be looking for massive savings in its expenditure and the first things to suffer will be the non-academic areas, ie the afore-mentioned internal issues. This is not to say that the academic standard and number of courses offered won't suffer because they will. So this is where the compartmentalisation breaks down the internally important issues which will be directly affected by the external dictates of the present government.

As to what the Union is doing in the face of these problems? Well the residence and refectory accounts are both very vulnerable beasts and I have been in lengthy discussions with all those concerned in the hope that the present inflationary situation (as well as the cuts) does not lead to hardship to consumers, and too great a reduction in standards.

CLARIFICATION BIT

I would like to point out one or two things. The profits from the bars, including the Union Bar do not go to the Union, the bars are run and priced by College. Although the Bar Committee has a student chairman (Malcolm), the prices are ultimately set by the Rector and the Committee serves only to recommend. On the subject of residence I would like to underline that an adequate number of places near college at a reasonable price is a priority. The Lexham Gardens Head Tenancy Scheme has proved successful, and I emphasise, owes its existence to the Student Union's pressure on Administration. Michael Arthur, the Union Welfare Adviser, has just had his brief changed taking on increased accommodation responsibilities and an increased sphere of influence in College block, to counter this an extra person in the Welfare Centre will be employed part-time to cover for Michael, when he is out of the Welfare Centre.

ON THE SUBJECT OF REFECTORIES

Instead of just producing nihilistic complaints there is a mechanism for constructive criticism. The Refectory Committee has a Complaints and Suggestions Sub Committee which has a specific brief to handle ideas from consumers, ie YOU! So use the complaints boxes.

END BIT

Environmental Week is coming. There a number of excellent discussions coming up, don't miss them.

You've been here long enough now to have formed *constructive* ideas on the way the Union can best serve the interests of its members. Why don't you stop me, tell me, and at the same time test my humanoid quotient.

Bye....Chris.

JUST A SEC

After Rag Week there is a slight rest period and then comes ENVIRONMENTAL WEEK. I do hope this will catch you imagination and excite you sufficiently for you to turn up to a number of events. The programme is listed in the centre pages, so I needn't repeat that here, despite urging you all to turn up to the opening event and the concert on Friday 30th November with Brothers K, one of the best bands I've seen for ages (tickets 75p from Union Office). I would especially like to thank all those who have given up time to help: David, Veronique, Kim, Paul and College Day Bookings.

ELECTIONS

If you are in Elec Eng, you finally have a departmental representative. He is a first year, Richard Lucas.

Papers are up, until 5:30pm Monday, for another ordinary representative on the University of London Student Representative Council. If you are interested, get a proposer and five seconders and sign your name up on the papers.

FIRST YEARS

If you are a first year and are interested in organising an International Conference on Science and Technology in 1981 come and see me. ICU will be hosting this annual venture and due to its sheer nature and extent preparations must begin now. I attended the conference last year, which was held in Paris. It is a most informative meeting and increases links between students from all over Europe.

BIKES

I am assured by College that there are plenty of bike racks dotted over College that are barely used. A map will be going in FELIX shortly.

BIKE INSURANCE AND VACATIONS

I have had enquiries about whether bikes are insured by the Union, if on College premises. There are, but ONLY if you live in a College Hall of Residence, Head Tenancy or Student House. All other bikes are NOT insured. I

hope this has cleared up the doubts.

I have also had enquiries about whether stuff left in your college room over the vacation is insured. The answer is this: If you go on vacation and leave various articles in your room or in a locked baggage room this is covered. However, the policy is subject to a condition that you take all reasonable care. An interpretation of this is that if you leave your room unlocked and/or occupied by strangers, then those valuables would not be covered.

The moral is this: If you wish to leave articles in your room over the vacation, ascertain whether your room will be occupied during the vacation. The Housekeeper should promise not to give anyone your key, in which case you are covered. If they do not and you are told it will/may be used, then difficulties would/could arise in the event of a claim.

BADGES

You are still able to produce your very own badges in the Union Office. The cost is 9p to clubs and societies and 15p to individuals. Also if you want to be cool buy an Environmental Week badge.

UGM

See you at the UGM this Tuesday at 1:00pm in the Great Hall.

See you around,
Roger.

TICKETS ON SALE
for IC Choir's Christmas
Concert in the Great Hall
on DECEMBER 7th at
8:00pm.

Tickets £1.10 (75p for
students) from the Union
Office or the Haldane
Library (or contact Sue
McClaughry, Int 3840).

AEROSOC DARTS COMPETITION

The annual competition held in Beit Quad attracted a large number of entrants than in previous years. The total takings were just under £10, therefore a record prize of £4.60 was awarded to the winner, Mike Napier, Aero 2 (need I say more!), the rest going to Rag.

Also, a special mention goes to Alex Kam, Aero Postgrad (need I say more again!), whose sophisticated design might have won if it had not kept changing direction and buzzing the spectators in the Quad. Thanks also to those who helped organise the event.

LOST AND FOUND

If anyone lost a red address book at Harlington on Saturday, contact D Cornwell, Mech Eng 2.

ONE HEART-LINK BRACELET HAS BEEN FOUND in the Lower Refectory. Owner can collect it from IC Union Office.

RUGBY

STREATHAM & CROYDON 2nds vs IC 1st XI:
18-0

This match was expected to be tough and it lived up to our expectations. The game was a lively affair played in a hard sporting spirit. For twenty minutes after the kick off, IC were on the defence and apart from a few breaks into the opponents half, most of this time was spent keeping the Streatham pack at bay. Our most promising break came after twenty-five minutes. The ball was won by the forwards on one side of the field and smartly passed along the 3's to Dick Pullin, making an overlap on Thewing, he ran forward and was only sopped, a couple of yards from the tryline.

The second half, started in a similar fashion and only after Streatham had managed to score their points, did IC begin to make a real impact using our superior fitness, is not strength, we were beginning to cause them some problems. There were some good team efforts with support always there when needed. The best chance of the match came, when Will Burgoyne made a swerving run through the middle of the field only to come a cropper three yards from the line.

Although IC were unable to put any points on the boards, the play in the last quarter of the match was an encouraging sign for future matches.

EGB

IC 1st XV vs HAPPY HOOKERS (PLUS ONE):
8-32

From the outset this was going to be one of IC's toughest but most interesting confrontations. The Happy Hookers, were a team of 'outstanding' athletes, who by persistent pressure (applied to various anatomical areas), ran their opposition into the ground.

Straight from the kick-off, the Hookers (still happy) collected the ball and Cathy making a blinding run up the wing and evading six tackles scored the first points of the day.

From an early point in the match, it was clear that the Hookers were going to be lacking in pure brute strength, but they more than made up for this in brains and goodlooks, especially Edwina in her (?) deep burgundy skirt and matching ankle socks. She (?) made the opposition look decidedly ugly!

As the match progressed, the Hookers (becoming happier all the time) began to dominate all aspects of play (apart from 'groping'. 1st prize Steve Gunn, 2nd prize Robin Davies). Through some inspired penalty moves ('I like the Cathy Snook Special') more tries came from: Cathy Z, Faye, Shirley, Silvana and a few others. The only successful conversion attempt was put over by Silvana (who we 'pinched' from Milan). The match finally finished with the scoreline reading: IC 8pts and Happy Hookers 32pts and 2 pairs of shorts.

The teams abandoned the pitch for a good 'sesh' in the bar.

Happy Hookers: Shirley (Capt), Cathy, Sue, Cathy (different), Edwina, Silvana, Jane, Caroling, Barbara, (Killer) Mary, Julia ('Sit on my head'), Faye, Jenny Lesley and Lynn.

THANK YOU LADIES!!

EGB

SPORTS



HOCKEY

MILL HILL vs IC 1st XI: 0-2

I bet you have all been wondering why there has been no Hockey Club 1st XI reports in FELIX of late. Well, I will keep you guessing but here is a full report of last Saturday's match. This being the fifth match in our relatively new Middlesex league division 1 and considering all our previous results in this division, IC went to the field fully prepared to go for the kill (or be slaughtered again). The game started with the College fielding only 10 players because Pete Hughes was not around (his excuse was that he had a puncture). However, this did not deter the players as they went straight in to attack.

After about 10 minutes, Pete Hughes arrived and did a magnificent strip on the sideline to change into his playing gear. This must have distracted the oppositions minds because they seemed to lose their rhythm all of a sudden (Oh Boy! It was exciting!).

Having fielded a full side, it became quite obvious that IC was in full control of the game judging by the super crosses made by Graham Forbes and the way Tony Ameet Rao and Martin Shaw kept moving around. Round about the 20th minute, Tony (Kehar) De Barr started a splendid move and passed the ball through Ameet to yours truly who magnificently ran into the D, but was unfortunately crushed by the two defenders and therefore got IC a penalty corner. As usual, Mr Ian Crowe was called to the rescue. The push was taken by Martin Shaw and beautifully handstopped by Ameet before being superbly belted through the keeper's feet into the net by Mr Crowe. This I must confess was the goal of the match because the ball plucked off the toe nail of one of the defenders on its destruction course into the net.

The rest of the first half saw Mill Hill putting on some pressure but, they were kept off the post by Phil Webb and his five aides. The second half continued in the same fashion with Tony, Pete and Andy Liles harassing in

midfield while Martin Shaw kept running from one side of the field to the other in an attempt to loose his shadow (he did not succeed). The second goal of the match came from a free hit just outside the D which was taken by Tony. The hit left two defenders flat-footed, thereby giving Ameet enough space to beat the goalkeeper before deciding to tuck the ball away in the net.

After the second goal, Mill Hill seemed to dig up some hidden strength and again started putting pressure on the IC defence until they won a penalty stroke. Before the penalty was taken, Phil Webb took 11/2 minutes off to say a special prayer which completely paralyzed the striker who then pushed the ball straight to Phil's feet (magic Phil). After the penalty, Mill Hill still kept the pressure up and won themselves several penalty corners some of which were hit out while the few that were well directed were dealt with accordingly by Phil.

We did however come back into the game with yours truly streaking down the right wing and Chris Liles flashing down the left wing. Martin later decided to change places with Chris who then resumed the job of running across the field.

With about ten minutes to go, Chris had a good run down the right wing before heading for the D (don't ask me how he managed it) and then got the ball over the keeper into the net. This goal was however disallowed because yours truly was said to be offside (sorry Chris, the ref was wrong).

The rest of the game saw IC increasing the pressure again with Mill Hill's keeper narrowly saving two more Crowe Specials.

Overall, it was a fine IC performance and I can promise you that this team has a very good future in their new division.

Team: P Webb, I Crowe, A Liles, R Davey, P Hughes, A Rao, T De Barr (Capt), G Forbes, J Afilake, M Shaw and C Liles.

Johnson

IC LADIES HOCKEY

On Wednesday November 14th, in a cup match against Kings College we lost 2-1.

After their 13-0 win over Surrey University the previous Wednesday, IC ladies sat back and let a cup match slip away from their grasp in the last five minutes of the game.

During the first half of the match there was a lot of pressure on IC, even so at half time we were 1-0 up from a goal by Mary Harrington.

There were several attempts at goal, by IC during the second half but to no avail. Then five minutes before the end, Kings broke free, with only two defenders to beat, they scored. IC were just recovering from this when Kings scored again. To win the match 2-1.

Team: Averil Horton, Alex Burnip, Cathy Crossley, Caroline Brown, Julia Towns (Capt), Dana Clark, Debra Mendes, Karen Jones, Wendy Slaughter, Mary Harrington and Alison Oversby (Umpire).

IC Ladies vs London Hospital: 3-1

Last Saturday IC Ladies took on London Hospital, last year's runners up in the league. To start off with we were at a disadvantage as they were wearing our colours (we having had to change our shirts). A few people mistook their players for ours hence we were 1-0 down shortly after the game started!

IC pulled back not long afterwards with a good clean goal by Kathy Snook. From then on IC were in command, spreading the ball well across the field and not giving London Hospital many openings. Kathy Snook went on to score a hat trick making the final score 3-1.

Team: Fay Hood, Clare Davy, Cathy Crossley, Julia Towns (Capt), Shirley Course, Dana Clark, Debra Mendes, Karen Jones, Kathy Snook, Jan Clarke, and Alison Oversby (umpire and player).

Julia Towns

HOCKEY: IC 1st XI vs HAYES: 5 - 5

Last Sunday, IC played their first match in the Middlesex Cup series and as you must have guessed from the result, it was no easy match. Spurred on by yesterday's victory over Mill Hill, IC went in to play this match with a well renewed enthusiasm, particularly since this same team annihilated us by defeating us 5-1 four weeks ago.

The game started with Hayes going right in to attack and getting the first goal of the match after only eight minutes of play. This however did not stop IC because we immediately counter attacked and after several good runs, won a penalty corner. As usual the trio of Martin, Ameet and Ian took the corner, and another Crowe special brought IC level. This surprised Hayes and they again started pressurizing the IC defence and won several penalty corners and a penalty stroke of which none found the net. Just before the end of the first half, Hayes had another penalty corner and very dubiously scored their second goal.

The second half resumed with IC going straight in to attack again and this time won their second penalty corner of the match which was superbly put away by Ian, drawing IC level again. Spurred on by this, IC kept the pressure up and won several penalty corners which were well kept out of the goal by Hayes defenders. However, they gave away a long corner which was this time taken by Chris Liles, hand-stopped by Ameet and hit right into the net by Graham to put IC in the lead for the first time. With IC now in the lead, their style of play changed completely with Pete, Tony, Andy and Roger controlling the midfield beautifully. With less than four minutes to the end of the match, Hayes won a penalty corner and this was put into the goal bringing them level. The full time whistle therefore came with both sides having scored

three goals each. It was then decided to play an extra time lasting fifteen minutes each way. So with weary players, IC again resumed the battle and got a beautiful fourth goal off Graham from a move started by Andy and Ameet from the left. But just before the teams changed sides, Hayes equalized also from a penalty corner.

During the second half of the extra time, IC again took the lead through another Crowe Special, but again, Hayes drew level from a penalty corner. Just before full time, we had two penalty corners but these were stopped by the goalkeeper and so when the whistle went, both teams had scored five goals each. The only other way left then to decide the match was by penalty strokes. IC scored all their five penalty strokes, but Hayes only scored three of their five thereby losing the match.

This, I must confess was the toughest match we have played this season and I will congratulate all the players for holding out. Actually everybody played well and all deserve a word of praise, however, a greater share of the praise should go to Ameet who despite threats of having his fingers creamed still kept putting them down (Well Done Ameet!) and also to Ian Crowe for his specials (Keep it up, Crowe!).

This victory means that we will be playing in the next round (no comments). Thanks to all those who stood on the sideline and continuously cheered us on, particularly Jan, whose beautiful voice kept most of us going (Thanks Jan!).

Comment: Another superb IC performance. Team: P Webb, I Crowe, A Liles, R Davey, P Huges, A Rao, T De Barr (Capt), G Forbes, J Afilaka, M Shaw and C Liles.

Johnson

SURF CLUB

Here we are in the Mech Eng foyer sipping coffee (?) with the FELIX deadline fast approaching. Only our red rims and blue sacks around our eyes give away the fact that we spent the night in a layby near Chippenham. This was the grand finale of this year's surfing. We're certainly going to miss the surfing now it's over for this year (it's like missing banging your head against a brick wall).

So far this term we've had three trips. We had really good surf and weather on the first one which gave the new members a very good impression of what surfing is about (although a completely false one!), despite having spent seven hours down and seven hours back on the wooden benches of one of the college's minibuses (never again!).

The middle trip was to investigate the possibility of surfing at Swansea. The surf itself was very good, but the lack of wet suit hire shops will prevent us from going there.

Not much can be said about this last trip as most people burst into tears at the mention of it. The surf was mediocre to lousy, the weather not much better, the local tribe hostile and mechanical failures were abundant. Believe it or not, everybody had a good time, especially if they were a penguin or a masochist.

Phil Clifton
Mark Glascodeine
(Surfers)

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IC RFC Captain's XV vs ICU President's Guest XV: 6 - 24

The long awaited (couple of weeks) and well attended (approx 20 spectators) match between two class teams began at 1:30pm last Sunday. It soon became apparent that the weaker loose play of the President's team was easily outweighed by the ability of the backs, particularly the first class halfback combination of Dyson (Harlequins) and Cotter (Waterloo).

However, Steve Townshend's team opened strongly, unlucky to only gain a 22m dropout in a goal line scramble. The game settled into a routine of 'ICRFC' (for want of a better name) winning good lineout possession and the majority of the loose ball but the 'Guests' backs tackling hard and running the ball at every opportunity. Indeed, a slip by the IC backs led to Dave Lilley snapping up a loose ball and scoring a fine try, which was the only score of the first half.

The second half restarted with the Guests 6-0 ahead and in a strong position. This was quickly capitalised on with another Lilley try after a fine team move involving at least three props (!). Despite the general supremacy of the backs, the guests forwards never really contained the rolling mauling of the IC Pack and with Thomas and Pascoe taking most of

the line-out ball the IC team gave a good account of themselves.

After another excellent team move led to an impossible dilemma, Lilley, despite his better judgement, went over to score a third try, thus rendering him eligible to buy a jug. IC then went through a strong patch which led to a fine team try, scored by ?????????.

As the match drew to a close a lot of niggly injuries began to occur, and it was just after the statutory Dobknee injury that Larry Bottomley beat an Eddy Budgen tackle to score the fourth and final try. Once again Maurice Cotter produced a magnificent kick which rounded off a fine and entertaining performance by him.

The match was played in a good yet competitive spirit which led to an entertaining and high standard of rugby. The various team members then adjourned for light refreshment, 'Rugby Special' and the IC bar night. A special mention must go to John Wipp (guest) who stayed to the last.

Thanks to all those who played and those who watched and 'Yah! Boo! Sucks!' to those who didn't.

Bill Parry Smith

IC AMNESTY GROUP

It has occurred to us that there may be a number of people in College who would like to send some seasonal greetings to a prisoner of conscience somewhere in the world. As Cosmos Desmond mentioned last Thursday, one of the main causes of demoralization for a prisoner is that he feels that he has been forgotten. Most political prisoners aren't major national or international figures; rather they are unknown people who have become involved in some way with an opposition group or have somehow come to the notice of the local security forces. After arrest, they have no pressure group actively working for their release and often remain in prison indefinitely, through default as it were.

It is for this type of prisoner that Amnesty is particularly anxious. By not allowing them to be forgotten, their well being is more assured and their release more likely. Adopted prisoners who have subsequently been released have all spoken of how important it was to them when they learned that people from other countries were conscious of their situation. So, if you would like to send a card to someone, please go along to the Union Office, where we have left a list of addresses and some cards. Please bear in mind that they may not be Christians or celebrate Christmas. Also, no political sentiments please, just support and best wishes.

Thanks.

BILLIARDS AND SNOOKER CLUB

The team of the week was IC 'C' team, who traumatically and resolutely confounded their opposition and won 5-0 to go top of the league. I won't reminisce on the fact but it speaks for itself; so without making a mountain out of mole hill or a twenty break out of AT Etemadi, I'll pass to the next match.

The A team played QMC expecting to get well thrashed and this nearly happened except they meandered to a 4-1 win. First on was Dave Crossedout who might be the window to watch but is catastrophically not the player to watch. His snooker is enough to bore the pants off a pregnant rhinoceros but he is good with the yellow (ethnic comments deleted). He won (I bet you all wanted to hear that).

Next Titlock came on the table and then came to the table to play snooker (I think he performs the former better). As the Pressy, he's supposed to set a good example but he's going through adolescence just at the moment, so we understand his nervous acne and nocturnal emissive problems even though he fluked a historic victory.

On third was M Loudlover whose snooker ability has been compared to Charlie Williams jokes and Les Dawson's piano playing. Barmaids aside, Loudlove was laughing raucously at his own play through out the match and at the end, his festering carcus was debauched and exhumed from the snooker room. (I hear he was resurrected afterwards). He won on the black (Fuck knows how).

The next player for a game was Geoff 'that

'Caroline's got nice legs' Keymer suffering from a slight touch of Calvert's Snookeritis Uselessitis lost his first game ever; forever or ever. The tear drops smudged his mascara and his frothing lips spread blue lipstick until after an eon's torment, he at last realised he couldn't for God's sake, play bloody snooker and why because our numero uno player, the evil Count Frankentrip (Chrissipoos) has shattered his bollacks, in shooting into first place. How can this recognised alcoholic do this to the gentle cuddly Keymer. Easy with the determination of a bottle of Ribena (that's about how much it needs), he also won.

Team: C Sidetrip, G Murky, D Crossroads, M Loudlover, S Titlock.

The infamous A team fought a tough, grung, sadistic, masochistic, blood bath at Charco Cross. The first player was that superheavy weight, Billy Bunter division brawler S Bendit. What a player Has an IC player showed such sheer lack of fibre. If he thinks the balls are really bollock shaped, I think he better just examine his own for a minute or two or else just start supporting Bristol Rovers. Of course, he lost miserably, but like he said: "You can't teach an old dog how to screw if he doesn't know already". And as for Chris Calvert, well I never (except twice a week). Chrissipoos, without sanjitters backing him up..., was as successful as a eunuch in a brothel. He did come second however which gets you a silver medal into Olympics but Chris, old fruit, only gets you a kick in the groin in IC. (You're groins must be aching by now.)

So 2-0 down, Gene Stevens came to the table. This keen physics boff, soon brought his opponents ego down to his own minimal level. Being constantly eyed by several Miss World contenders, as the next best thing to Al Pacino, he stroked his way to a ballbusting exhibition of true universal dimensions.

Into the limelight crawled Tomsk, doing natural impressions of a fresh turd. After some heckling from the cannibalistic audience, visualising Tomsk between two sheets of bread (turd sandwich), he proceeded with tongue in mouth brilliance. Checking his two teeth were still in his mouth, he whistled the first red in to the pocket followed by the white, his cue and his nose. Some how, giving him some credit just for existence, he won and was ejected from the table by a passionate Leclezio (who says, red black, red black, white is Leclezio missing a break). Ayathollah Leclezio (greatest fan) won easily and afterwards released his hostages (his own team mates). Final score was 3-2 to IC.

Team: A Doubleglazio, T Maladjusted, S Beans (Capt), C Pervert and S Bent.

Entries are required for the billiards and doubles tournaments. Closing date: Friday 23rd November. These competitions are run over a few weeks duration. Entrance 15p, non-members 30p.

Dai Bach

our efforts brought quick results. Mike McCartney scored our first goal and Andy Smith our second. The opposition, however, did not weaken and they scored a goal at the end of the first quarter and two more in the second. But IC were not going to let them get away with it. The defence was passing the ball quickly up front and Cliff Spooner was expertly coordinating the moves of the team. Mike McCartney equalised with a fine shot. Finally Tower Hamlets managed to win the match by scoring a very lucky goal.

Team: S Tayler, D Dunstone, P Hindle, C Spooner, M McCartney, P McCartney, A Smith, K Ribar and P Mills.

Dimitri V Papconstantinou
IC Water Polo Club

ULU FALLS TO IC

Volleyball is one of the most popular sports in the world, more so even than football. It is not very widespread in Britain, although many colleges do run teams. IC is one of these and plays one match a week in the league.

Although previous performances have been poor, on Wednesday the team remembered how to play volleyball, and eventually gave a fine display of good class play, beating ULU by 3 sets to 2.

Starting badly, only 2 points were scored in the first two sets, but IC soon came back to win sets 3 and 4 convincingly and built up a 14-8 lead in the final set, eventually scoring the winning point after several ferocious rallies. The final score was 0-15, 2-15, 15-7, and 15-12.

The team was: Suki Kalirai (court capt), Andy Ciuksza, Henry Szyszko, Marek Banasiak, Dave Penty, Peter Dias-Lalcaca, Lech Bogdanowicz, Tony Briers, Marc Young (capt) and S Tam.

Thanks go to our few (but vocal) supporters, Vic Tybulewicz and Carolyn Wainwright.

WATER POLO

IC Water Polo Club did not get off to a good start in the Middlesex League this year. IC 2nds had their first match on November 6th against Enfield (away). In the first quarter IC took some time to settle against a team with more enthusiasm than skill. By the end of the first quarter we were 3-0 down and they scored two more goals in the second quarter. After the second break, IC went into their stride. Nick Buckland and Nick Last were playing well at the back and Pat Porter and Mike Casey were passing the ball accurately mid-pool. IC broke through and Dimitri Papaconstantinou scored our first goal, a cunning shot, after a fine pass from Adrien Butler. We kept the pressure on and Kosta Ribar scored our second goal, which was an expertly placed shot coming from the half-way line. Enfield, however, hit back with even more strength and put two more goals in the net. Kosta scored our first goal in the fourth quarter, as a final attempt to get IC back in the match; but the opposition scored two more goals to make the final score 3-9.

TABLE TENNIS

Matches two weeks ago (no report last week because, even I get sick of writing this drivell!):

IC 1 vs Exiles 5: 6-3

IC 2 vs Inco: 3-6

IC 3 vs ED&FMAN S&SC (what a mouthfull!): 9-0.

Now last week. The firsts beat Hong Kong Students Club 6-3, with Hong winning 1 (ironic!), Kartick 2 and Pete 3. The seconds lost again to NALGO (and this time it was due to an off-day for their previously top player) - never mind Andy, your resignation has been accepted. (Only 3-6 though, again). The thirds had their hardest match thus far, only winning 6-3. Their opponents Marks and Spencer, however, had improved

But the worst was yet to come. The next day IC 2nds had their second match of the season against Hounslow (away). The first two quarters Hounslow seemed to have played all their own way and they managed to score seven goals. However, in the third quarter IC pulled together as a team and started attacking fiercely. Our veteran player Jim Williams scored an exquisite goal, our only one of the night (well done Jim!). After that, Hounslow came back into the attack and started breaking through yet again IC's slightly disorganized defence. They scored five more goals (shame!) until the final score was, dare I say, 1-12.

So, IC 2nds started their season with two defeats which would have been heavier if Dave Roberts hadn't been playing both matches away!

Team: D Roberts, N Buckland, N Last, P Porter, M Casey, D Chadwick, A Butler, K Ribar, D Papaconstantinou and J Williams.

On November 12th it was IC 1sts turn to show what they could do. They played a good strong game against Tower Hamlets (away again!). The IC attack pushed forward from the throw in, and

TABLE TENNIS

tremendously from last year. (Even I won 3-3 against them!)

Of course the most 'important' match was the fourths vs Thames Water Authority. I actually won all my (two) games (only two because one of their players failed to arrive) for the first time this season - ah happy days!

Well after a particularly boring report (especially as you've all been waiting two weeks for it) I think I'll stop before I fall asleep.

Oh! But I haven't mentioned enough superstars so, special praise to Bob Edde (2 wins for the seconds) and Hans Joseffson (who has never played in a team before) for not losing more than 11 points out of 21 in any game - cheers!

WHAT'S ON

FRIDAY 23 NOVEMBER

DISCO in Bedford College Union Room at 8:30. Admission 50p and SU cards are required.

SATURDAY 24 NOVEMBER

BETHNAL CONCERT in Union Concert Hall at 8:00. Tickets £1.50 in advance, £2.00 on the door. Tickets from Ents Room lunchtimes.

MONDAY 26 NOVEMBER

ICWA GENERAL MEETING at 12:30 in ICWA Lounge, with the possible election of Mr ICWA.

ICCAG MEETING at 12:30 at the top floor of the Union Building. If you are interested in doing volunteer work, come and find out what the group is doing. Richard Bull, the assistant organiser of the Kensington and Chelsea Voluntary Services Bureau will be attending the meeting.

ENVIRONMENTAL SOCIETY DISCUSSION at 1:00 in the Centre of Environmental Technology, 48 Princes Gardens. Mr Flux, ICI's environmental adviser will be answering questions on ICI's environmental policy.

SINGERS NIGHT in the Lower Lounge at 8:00pm. Admission free.

STRANGE FRUIT JAZZ CONCERT in Bedford College Union Common Room at 8:00. Admission 75p and SU cards are required.

TUESDAY 27 NOVEMBER

RIDING CLUB MEETING in Room 1110 (level 11) Elec Eng between 1:00-2:00. Last day to book for club dinner.

UGM at 1:00 in the Great Hall. Compulsory attendance.

ASSOCIATED STUDIES PRESENT:

1. A lecture entitled *It Always Rains in Mulu* given by Nigel Winsor in the Read Theatre, Sherfield Building at 1:30.

2. A lecture on the Beast and Bridgwater by Professor A Rupert Hall in the Pippard Theatre, Sherfield Building.

FILM: *Last Tango in Paris* at 5:30 and 8:00 in Bedford College Tuke 97. Admission 25p and 30p, SU cards required.

RAILWAY SOCIETY MEETING in Maths 340 at 5:40 with Dr N A F Smith speaking on early steam locomotives.

CATHOLIC SOCIETY CHEESE & WINE PARTY at 5:30 in Room 231 Chem. Free.

PHOTOSOC PRINT COMPETITION at 7:00 in RSM 303. Further information on Photosoc noticeboard.

ULU WOMEN'S GROUP MEETING at 7:30 in Room 3C, ULU, Malet Street. For further details contact Merche Clark, ICWA Lounge.

WEDNESDAY 28 NOVEMBER

IC SNOOKER COMMITTEE MEETING at 1:00 in Snooker Lounger, third floor Union Building.

HAMSOC TALK given by Pat Hawker (G3VA) on the design of simple radio receiving at 2:30 in Elec Eng 508.

TALKS ON BY 1979 EXPEDITION LEADERS with be given at 6:15 in lecture theatre 408 Elec Eng.

COLOUR GROUP DEMONSTRATION between 8:00 and 11:00pm. Meet in the old darkroom.

LONDON VINTAGE JAZZ ORCHESTRA CONCERT in Stan's Bar at 8:30.

THURSDAY 29 NOVEMBER

MEETING TO REJUVENATE NETBALL at 12:30 in SCR. If unable to attend contact Cathy James via RSM letter rack or Union Office.

NAT HIST SOC LECTURE by David Partridge and Duncan Garrood on last summer's expedition to Lapland in botany basement lecture theatre at 12:45.

HANG GLIDING CLUB MEETING at 12:45 in Mech Eng 342.

FIRST EVENT OF ENVIRONMENTAL WEEK: A talk given by Tom Burke on the Greening of Britain at 1:00 in Mech Eng 220.

INFORMAL MEETING OF THE CHRISTAIN SCIENCE ORGANISATION at 1:00 in 2nd year seminar room.

POSITIVE ALTERNATIVES TO ABORTION (PATA) will be presenting an address given by the Rev David Johnson at 1:00 in the Union Concert Hall.

TALK BY DAVID ALTON, MP, Liberal Spokesman on Housing and Environment in Mech Eng 640.

MOPSOC LECTURE by Dr H G Leventhall (Chelsea) on Active Attenuators for Noise in Physics Lecture Theatre 3 at 1:15.

ASSOCIATED STUDIES PRESENT:

1. Film: *Victoria and Albert* at 1:15 in the Great Hall, Sherfield Building.

2. Lunch-hour concert with Elizabeth Wilson (cello) and Kathrom Sturrock (piano) in the Music Room, 53 Prince's Gate.

TALK BY LORD FLOWERS on Energy and the Environment at 4:30 in the Consort Gallery.

GLIDING CLUB MEETING at 5:30 in Aero 254.

NUCLEAR POWER DEBATE at 7:00 in Physics Lecture Theatre 1.

BROWNSVILLE BANNED (folk) at 8:30 in Bedford College Union Common Room. Admission 80p and SU cards are required.

FRIDAY 30 NOVEMBER

DISCUSSION ON CHEMICAL ASPECTS OF FARMING AND FOOD PRODUCTION at 7:00 in Physics Lecture Theatre 1.

DISCO AND GIG FOR ENVIRONMENTAL WEEK WITH BROTHERS K at 8:30 in Union Building. Tickets on sale in ICU Office for 75p.

DISCO at 8:30 in Bedford College Union Common Room. Admission 50p.

SATURDAY 1 DECEMBER

ICWA DISCO WITH THE MIXDIX at 7:00 in Union Lower Refectory. Beer after 11:00. Tickets 50p in advance or 75p on the night from ICWA lounge.

MONDAY 3 DECEMBER

ENV SOC TALK at 1:00 in the Centre for Environmental Technology, 48 Princes Gardens with Mr MacIntosh from Shell Chemicals talking on his company's approach to environmental issues.

FRIDAY 7 DECEMBER

BEDFORD COLLEGE CHRISTMAS BALL at 8:00 (until 2:00) with The Jags, plus support band, jazz band and free food. Tickets £3.30, advance sales only. Dress - jackets, unless you're fancy dress.

The 30th Anniversary FELIX Dinner FRIDAY DECEMBER 7th

Can't be missed! Meet for sherry at 7:00pm in Southside SCR, for the FELIX Dinner which will be given in the Southside Senior Dining Hall at 7:30pm.

Tickets £6.00. Cheques made payable to Imperial College Publications Board (FELIX).

IC POSTGRADUATE DINNER TUESDAY 27 NOVEMBER 7:30

In Union Dining Hall
Cost £6 per head with three course meal, wine and port and disco and free beer after.
Tickets from ICU Office.

Tickets

£1

Performances on 5th, 6th, 7th and 8th December.

In Union Concert Hall at 7:30pm. Tickets available from Dramsoc Storeroom or any Dramsoc member or on the door.



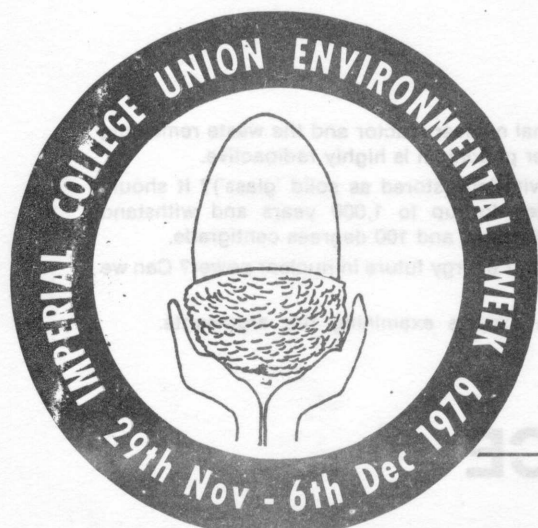
The Devils

A Play by John Whiting

based on the book by Aldous Huxley

A DRAMSOC PRODUCTION

A programme of lectures, talks and debates on aspects of energy resources, conservation and land use. It is a unique chance to question the people that matter. All events are open to everyone.



IMPERIAL COLLEGE UNION'S ENVIRONMENTAL WEEK

AT IMPERIAL COLLEGE

**THURSDAY 29th NOVEMBER
1.00pm MECH ENG 220,
EXHIBITION ROAD, SW7.**

Introduction and talk; The Greening of Britain.

In the last ten years there has been a massive rethink on the way we should treat our environment. Expanding industry, enormous increases in the generation of energy and the rapid spread of cities have had a great impact on our available resources.

The adverse result of this impact by pollution, the rising price of oil, leading to the expansion of the nuclear industry and a need for increasingly efficient agricultural production made people increasingly aware that environmental decisions and legislation were directly affecting them.

Various organisations were set up to involve people more in environmental issues. Friends of the Earth (FOE) is probably the most well known, best informed and most active of these groups.

It is appropriate that ICU's Environmental Week is being opened by a talk from Tom Burke who was closely involved in setting up FOE and was one of their first directors.

He is going to give an overall view of the environmental landmarks of the last ten years and their relevance to the present environmental scene. This will help you put all the forthcoming discussions of Environmental Week into context.

**4.30pm CONSORT GALLERY,
SHERFIELD BUILDING.**

Energy and the Environment with The Lord Flowers

The Lord Flowers, Rector of Imperial College, is Chairman of the Royal Commission

reporting on Energy and the Environment, and former Chairman of the Energy Commission. His authority on the subject is unquestionable. This talk is bound to give an insight into the working of the Commission and the problems that need to be tackled. It will furthermore be one man's practical approach to a dilemma that carries with it the future of our society.

7.00pm PHYSICS LT1, PRINCE CONSORT RD, SW7.

The Nuclear Power Debate

On the opening day of ICU's Environmental Week, Mr L G Brookes (from the Atomic Energy Authority) will propose the motion: "This house believes that nuclear power is the energy source of the future". The motion will be seconded by Dr Goddard (from Mech Eng at IC) and opposed by Professors Jeffery (Birkbeck College) and Scorer (Maths at IC).

Following the 'Three Mile Island Disaster' the nuclear controversy has flared up afresh. After about three or four years of use, Uranium fuel is

withdrawn from the thermal nuclear reactor and the waste remaining after processing to recover plutonium is highly radioactive.

Should this waste be 'vitrified' (stored as solid 'glass')? It should ideally remain undamaged for up to 1,000 years and withstand temperature variations between 0 and 100 degrees centigrade.

Can we afford to invest our energy future in nuclear power? Can we afford not to?

Come and hear these experts examining the arguments.

FRIDAY 30th NOVEMBER

7.00pm PHYSICS LT 1, PRINCE CONSORT RD, SW7.

Chemical aspects of Farming and Food Production

With 50,000 hectares of land in Britain being lost each year to roads and expanding towns, efficient agricultural production is a growing necessity in Britain. In fact we are remarkably successful and are with Holland, the most efficient farmers in Europe. But what is the cost? Energy intensive fertilisers have to be used in increasing quantities, pests are becoming resistant to the chemicals used against them, not to mention nitrate contamination of our water supplies, serious impact on our wildlife and loss of attractive hedgerows. What is the agricultural future for Britain?

ICU's Environmental Week Presents Mr. R.G. Hughes (Senior Agronomist) and Dr. J. McGuinness (Senior Scientific Officer) from ADAS and Mr. Widdowson from the Soil Association, in what promises to be a lively and informative discussion on the "Chemical Aspects of Farming and Food Production".

8.30pm UNION BUILDING, PRINCE CONSORT RD, SW7.

Rock for the Environment Gig and Disco

FUTURE EVENTS

Weekend 1st/2nd December - We shall be leaving College at 10:30am to go to Holly St, Hackney in order to expand an adventure playground.

Monday 7pm - Discussion on London's future transport policy.

Tues 1pm - Discussion on 'What to Conserve?'

Tuesday 7pm - General discussion on environment and the third world.

Wednesday afternoon/evening - The big Environmental Fair with stalls, displays, films and speeches.

Thursday 1pm - Big names discuss 'An Energy Future for Britain?'

Thursday 4:30pm - Lord Kennett on EEC and the environment.

