

FELIX

THE NEWSPAPER OF IMPERIAL COLLEGE UNION Friday, November 30th, 1979 Issue No. 536

UGM REPORT

The news was announced at the UGM last Tuesday that the students at IC halls of residence face an increase of £1.00 a week on their rent to make up for the £70,000 shortfall incurred by the halls due to a lack of conference bookings during the summer vacation. The student houses and Hamlet Gardens, which made a profit, were exempted from this increase but they will be hit by the decrease in the furnishing allowance which is used on occasions to replace old or buy new essential equipment such as cookers, washing machines and fridges.

The Union Haldane Library Committee has still not reached any agreement with the College HLC as to the three records and the cassette that the CHLC are withholding from the library because they feel they are 'unsuitable'. The UHLC believe they should be responsible for any censorship of the records that they buy and that the records in question are acceptable.

After a successful challenge to the order of the agenda, the motion on the Public Image Of IC was debated and the proposed amendment that the reference to "beer-swilling louts with latent homosexual tendencies" was offensive to gays and should be replaced was passed. A majority also passed the motion.

The Anti-Corrie Bill motion was moved straight to a vote, and passed by a large majority. The main debate was propounded at the last UGM when a challenge to the quorum was made and upheld before the vote was taken.

The motion On The Underground was also passed with the amendment to ICU instructs that IC should attend the education cuts protest march organised by the TUC for Wednesday 28 November. The amendment proposed that the campaign should focus on the overseas students fees increase rather than the cuts in general was defeated.

Late News: Hall rents will probably not now be increased (see above).



Photo by Colin Palmer

FIGHT

Next Week is the Special 30th Anniversary Issue of FELIX.

Thank-you to everyone who donated £120 to rag for last weeks Rag FELIX.

Extra Ads

IF PARTY TONIGHT IN JCR
FOLK CLUB XMAS CEILDH DEC 10
GUILDS NIGHT OUT TO LIFE OF BRIAN
DEC 5th ... TICKETS £2.50.
BLOOD DONING UDH DEC 6th

RAG WEEK

Personally, I was very pleased at the overall success of the week, the events being generally well attended and certainly much enjoyed by those who took part. It was also quite a considerable financial success, as although the accounts haven't quite been sorted out yet, we've certainly made over £1,000 over the week, not counting the procession.

I was especially pleased that some of the new events such as Ragarama and the CCU Boat Race came off well and I hope they will continue in future years.

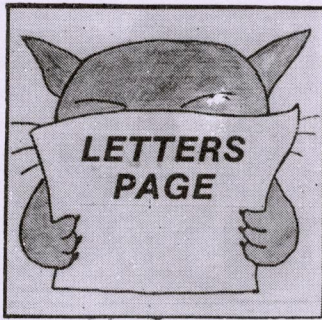
(continued on page 15)



WASTE

Environmental Week got off to a good start yesterday. The photograph, above, is of a rubbish collection being pushed into a hired van. The rubbish was collected for the Friends of the Earth and will be used as part of a major campaign to bring home to the world the serious wastage of natural resources by our modern society.

Details of Environmental Week are in Roger Stotesbury's supplement between the centre pages



Dear Colin

The External Affairs Committee held on Monday 26 November decided the following:

EAC Notes

1. That the advertising of the past two UGMs has been sadly lacking and inadequate.
2. On Monday 26 November, the failure of the Exec News to appear.
3. That these duties come under the brief of the Hon Sec and/or Publicity Officer.
4. That Union policy states that UGMs must be given ten College days (fourteen ordinary days) notice.
5. That the quoracy of the UGM on 6 November was successfully challenged.
6. That the absence of Exec News restricted the activities of EAC (26 November).

EAC Believes

1. That the lack of publicity divorces the Union from its membership.
2. That the absence of Exec News inhibits the efficiency and democratic running and debating of Union Affairs.

EAC dislikes the attitude of the Hon Sec in these matters.

EAC Instructs

1. The Hon Sec to pull his socks up.
2. The Hon Sec to ensure that such publicity is produced according to Union policy.

This motion was passed nem con at EAC on 26 November and has been forwarded to FELIX for publication.

John Passmore
Ext Affairs Officer

Dear Sir

Recently various members of College have taken thoughtless pleasure in throwing various items of rubbish on Morphy Day, Exec Torture and 'Rag Hit Squad' outings, at STOIC members while they are operating the portable video recording equipment. We would like to point out that if the equipment were broken, replacement would cost approximately £1,500. We would thus appreciate people showing respect for the equipment.

Yours faithfully
Bryan Steel
Hon Sec STOIC

Sir

Yet again the RCS Boredom Committee is on the rampage in FELIX correspondence.

Frank James' latest strange hypothesis would seem to be that CCUs cause people to behave strangely, hence people seek refuge from strange behaviour by socialising with CCU types, whereupon they are immediately leapt on (by homosexuals?) and degraded so that they feel inclined to leave College.

On several occasions, I have felt inclined to leave IC forever. This seems to be a common feeling in Mech Eng 2 - perhaps going some way to explaining the high 2nd year failure rates. As a primaeva being - that is a mere mortal - my basic needs are:

- i. Food (preferably good food)
- ii. Accommodation (preferably comfortable, affordable and with a reasonable degree of privacy, ie not sharing a triple room).
- iii. A soft, warm female.

If a freshman arrives at College and decides that Mooneys are awful, he doesn't like sharing a room in a seedy hotel with a total stranger and that he'd better tie a knot in it, we don't stand much chance of keeping the poor guy.

Dear Sir

I have studied the problem of those students at IC who want abortion on demand in great depth and have decided that they may need to seek counselling advice.

Their problem isn't uncommon amongst abortionists. It begins with their arithmetic inaccuracy. In many of their publications they claim that in Portugal 2,000 women die each year from backstreet abortions. The actual figure for deaths from all causes of women aged 15-44 in Portugal in the most recent year for which figures are available is 2,062 (source: United Nations).

Their second problem is extreme self-centredness leading to a belief that women have the right to destroy an individual to avoid inconvenience to themselves.

Their final problem is a desire to be unpleasant to individuals or groups of individuals that they do not personally know, particularly Roman Catholics whom they portray as mindless morons. Allied to this is their exclusion and hatred of people presenting differing views. Most often this feeling results from an inability to understand concepts that are derived from scientific facts.

Abortionists who seek help with their problems might find the following publications useful: *A Doctor's Creed* by Aleck Bourne; The report of the European Commission of Human Rights on the Bruggemann and Scheuten

I don't see ICU busting a gut to solve any of these primary problems of IC student life. Frank James himself even managed to help lose University Challenge (if this guy is so smart etc.)

Now for an illogical change of topic. Why shouldn't Steve Hutchings' letter to Colin Palmer be published? We have been inundated with news about John Shuttleworth suing ICU, so we should be forewarned about the next incredible waste of time, money and energy to come our way.

Sure it's the principle that matters. The principle here is whether it is worth standing on the letter of law for every mistake that anybody makes. If you drove through London without exceeding any speed limits, you would be a rolling road block.

Just why does Hutchings need his back scratched by Watmough anyway? Surely the quality or otherwise of his photographs should speak for themselves. I seem to remember them as fairly unspectacular. As for Hutchings' letter, I'd like to make him look silly, but I think he's done well enough for himself.

Yours faithfully
Ken Strachan

case; The Declaration on the Rights of the Child adopted by the United Nations.

Yours helpfully
J Stanley

Dear Ed

In a strange way Disgusted of Tunbridge Wells is right. For myself, as the Corrie Bill is close to my heart, I would like to see something done. The proper way is not through slanging matches at UGMs, but at Christmas tea parties, so I hereby invite Miss Clark and crew to a discussion over mince pies. I suggest in the Bot Zoo Common Room one evening, if she would contact me to arrange a time.

Love
J Evans
Physics 1

Dear Sir

I realise that a great deal will probably be said about those who helped at Carnival, but I felt that my own band of helpers did such an incredible job, that I had to thank them directly for the effort that they put in. So, Steve Carpenter, Anne Evans, Mary Freeman, Chris Geary, Lesley Horrocks, Jez, Mary Johiffe, Mary Morrison, Mika Nakimura, Sue Newson, Laurie Tomlinson, Melanie Vaughan, Diane Williams and of course Ian Taylor, THANKS.

Ruth Hildebrand
Aero 2

Dear Sir

Having been at Imperial College since the beginning of October, and having listened to the 'Frank James on CCUs' debate ever since, it appears the problem is one of maturity, or the lack of it, of students and their respective CCUs. I would suggest this is not the fault of the student or the CCUs, but the fault lies in the system that allows direct entry to (any) university from the 6th form.

The choice of going directly to university from one's 6th form (which is the majority case for most prospective students) is, I feel, a soft option which allows the student to avoid the real world for an extra three or so years.

The solution, as I see it, is to stop direct entry and replace it with compulsory deferment for one, or preferably two, years. During this time away from the education system, the potential student would have a greater opportunity to broaden his/her mind and come into contact with a wide range of people from all walks of life (there is life beyond mining, engineering and science, actually). Also, working during this one or two year's 'off' is good experience as it destroys any illusions that one may have about the world outside of education being a nice, easy place to have to exist and consequently makes you appreciate university more.

Before I'm shot down by anyone who thinks I am old before my time, boring etc, bear this in mind: most, if not all, of my ex-workmates (yes, I was at work for over two years before joining Imperial) show a maturity that few students I have seen attain, and yet are still able to enjoy themselves down the pub, have fun and lead as full a life as possible without being B-O-R-I-N-G. They are also of the opinion that some (not all) of the activities of the CCUs are "pathetic", "moronic" etc, although they do agree that the CCUs do some good (I give them a balanced view, you see).

Thus, to re-iterate what I said, earlier, it is not the students or the CCUs who are to blame for their lack of maturity, it is the systems fault for not allowing them to attain it.

Yours sincerely
Simon Jerome

Dear Sir

Thank God for the new expensive tills in the refectories. Once the cashiers have got the hang of them, and the queues are shortened (instead of getting longer) diners can be out of the place quickly enough to survive the experience of the expensive food.

Yours (Tunbridge Welled - No, that wasn't me)
Mick Berry

NOT A UGM REPORT

This report of the Union General meeting held last Tuesday is entitled *Not a UGM Report WASHOUT*.

A wash down every eight years, with a new coat in between, is all residents in the Halls can expect in the future! Further more there will be no more sewing machines and student houses will have problems buying fridges.

In case you are still confused, just remember: the Halls made a loss in the summer when students were not here (but Mooney breakfasts were compulsory for conferences), whereas Hamlet Gardens and the Houses made a profit (with no Mooney breakfast), so clearly the Hall residents (who have just moved in) have to pay more particularly, since they are mostly first years, they are not aware of the 22% increase they have already had this year. Perhaps we should really blame Refectory Committee (last year's) and ask them for £1.00 each, or £70,000 (whichever is greater!).

HALDANE L-----

The meeting heard of the censorship being operated in Haldane L----- against records being bought by st-----ts. Most people agreed that this policy was a load of excrement.

IC LADIES XV vs UC LADIES XV: 4-10

The first ladies match of the season took place at Harlington last Sunday morning. For anyone expecting to see a farce, there was a great disappointment, for this match was played at a surprisingly high standard and both teams put on a more than competent exhibition of rugby football.

Under the lawful eye of referee, "I didn't mean it" Gunner, UC kicked off. Immediately, IC made use of their superior backs and launched a counter attack, which eventually broke down on the UC 25yd line. Although it was clear that the UC pack were stronger than ours, we were able to obtain good possession through some excellent tackling by the whole team and some inspired rucking by our pack. This hard work eventually led to a try, when Thunder Thighs made a blind break and beat two tackles for a fine try. The conversion attempt by Cornetto was unlucky to just scrape the outside of the post.

After the restart UC began to win their share of possession, but they were stunned at the tackling ability of the whole IC team; Hotlips Hood, Animal and Happy Hooker, to name just a few. Due to this superb tackling, IC were able to set up some good attacking moves through the fly half, Dodger. This led to some fine runs from wingers, Dosser and Cornetto. Smurf and Streaker also showed their class in the centre with Streaker showing her legs on more than one occasion. She was unlucky to fall two yards short of the line after one particular run that even Horror Smart would have been proud of. So the first half ended with IC unlucky to have only four points on the board.

DEMOCRACY AND DISRUPTION

After the Executive reports and the election for ULU SCR (who?), the motion everyone had been waiting for was moved first on the agenda. The motion concerned the Executive responsibility for IC's failure on University Challenge (or was it the mascot's fault?). Two attempts were made to subvert the course of democracy and get the meeting to revert to serious business, both were decisively quashed.

Before the motion was passed, the anti-gay remarks were at least deleted, though I did expect someone from the Left to delete the one sexist remark concerning the need for more women at IC to help the team score. They could perhaps have inserted: "To encourage sociology students in order to get more Marx" but that would perhaps given too much of a different Engel on the subject.

AGAINST THE CORRIE BILL

At last the motion against the Corrie anti-abortion bill was passed. Although we still don't know whether Merche Clark was ever unborn, we did learn (from a gentleman who was definitely born) that women can't be trusted to control their own bodies because they are forced into abortions by unscrupulous men (who are the real

ones who support abortions). But then women never have known their own minds.

CUTS OUT, DEMOS IN, HUMAN RIGHTS ADJOURNED

The final motion passed was on education cuts when a representative of the Conservative party failed to limit the motion just to the issue of overseas students fees. By now ICU will already have gone underground and demonstrated but Human Rights remained undiscussed, but on the agenda.

The painting that was taken from the Bot Zoo Common Room has still not been returned. The loss of the painting is extremely embarrassing to the college as it was on loan from a good friend of IC.

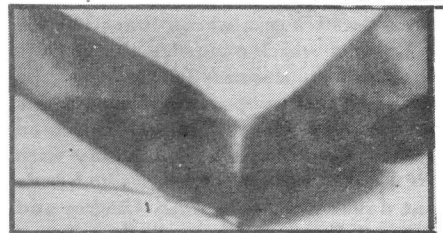


Photo by W A C Mier-Jedrzejowicz

IC STUDENTS ATTEND EDUCATION CUTS PROTEST MARCH

A contingent of IC students including Deputy President of ICU, Malcolm Brain took part in the education cuts protest march on Wednesday.

The massive gathering of trade unions, colleges and universities (including Lancaster, Bath, Sussex and Essex), schools and left-wing political parties began to move off from Hyde Park nearly on schedule although, due to the large numbers present, the IC contingent did not leave until after 4:00pm.

The first union groups arrived at the House of Parliament at about twenty past three and from that time anyone walking back along the route of the march encountered an almost continuous procession of people, banners and placards. They would also have been leafleted, pressured to buy various left-wing newspapers and have heard the intermittent chants. The march was followed by a lobbying of MPs.



Photo by Colin Palmer



CITY & GUILDS

Phew! Thank God Rag Week is over! Ten really hectic days of non-stop action in and around College.

Tuesday was the Disgusting Games in the Quad. I think we chose some really disgusting games; some people never want to see another baked bean again! The Beer Festival on Wednesday was great fun with many excellent pints of ale being drunk. Thursday was Exec Torture with a mixture prepared by Mr P J Leggett which exceeded the bounds of common decency. However, he received a fair proportion of this muck over himself. Over £100 was collected for Rag. Carnival was on Friday with over 1,000 people attending. The bands went down well, especially Urchin and the Steel Band and everybody enjoyed themselves.

Anybody who has seen a Guilds shield around, the fancy one which went missing at Carnival, please tell us or give it back. It is not a mascot, it is an inviolate (that is not violate) decoration.

As you may know, our Honorary Secretary, Mark Hope has resigned, due to academic pressure. This means we have to elect a new Hon Sec. Papers will come down at 5:30pm today (Friday). If you still want to stand see us in the Union Office, then get your name on the paper with ten seconds. This is an important post with many responsibilities. A job description has been circulated, so read this and come and find out more in the Office. The elections will take place at the Union meeting on 11 December.

EVENTS TO COME

TODAY at 8:00pm the IF party in the JCR. Tickets are 50p and they are available from the Office.

SUNDAY 2nd is Guilds Rugby Sevens. Don't forget to enter a team for this or just come along and support your team. The coach leaves Beit Arch at 10:00am, so don't be late. There will be food and a film in the evening for those going.

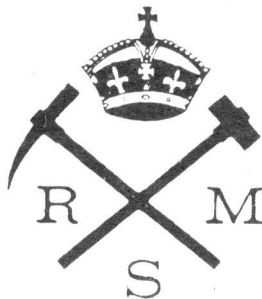
TUESDAY 4th is the Gen Com again. Lots of fun and constitutions. See Jo if you want to come as an observer. 5:30 for 6:00 in the Union SDH.

WEDNESDAY 5th is the trip to see the LIFE OF BRIAN. Tickets and information from the Guilds Office.

THURSDAY 6th is the Graduating Year Student Reception. Tickets and info from Union Office.

SATURDAY 8th is Year Rag. All the years go out to try and get the most money for Rag. See Nab to book your spot.

BRYAN



MINES

Just a short one this week ("Thank God!" I hear you cry).

Not much has happened of note in the last week. All those who attended the lecture by Stan Foster on Coal Worldwide were given food for thought. Copies of the paper he presented are in all RSM libraries.

Tuesday saw Professor Pushley's lecture on Crystal Structures Through The Electron Microscope followed by the Met & Mat Sci Soc Hot Pot Supper which everyone enjoyed.

FUTURE EVENTS

TOMORROW Cardiff are coming up to play RSM at rugby and soccer, so your support will be needed especially in the bar in the evening. It is rumoured that Wyn Jenkins is coming with them.

MONDAY 3 DECEMBER - Having just returned from some three weeks in China, RSM Professors Cohen and Brown will be giving a lecture on their Impressions Of The Chinese Mineral Industries in MLT at 6:00pm. COME ALONG!

TUESDAY 4 DECEMBER - St Barbara's Day. St Barbara is the patron saint of miners, so it is conceivable that a few toasts will be drunk in the Union Bar.

SUNDAY 9 DECEMBER TO SAT 15 DECEMBER - Foreign Students' Week 1979.

FRIDAY 14 DECEMBER - Mines Ball. The social event of the year. Double tickets £17.00 from social reps or Union Office.

Cheers, Bob the Slob.

come to the annual

MINES' BALL

FRIDAY 14 DECEMBER

Double tickets priced £17.00 are now on sale from RSMU or RSM soc reps. 5 course meal with bar extension till 4:00am, plus cabaret, disco and jazz band, but breakfast is extra! Formal dress (DJs) but anyone can come - **SO BUY YOUR TICKET NOW!**

GAY?

The hypocrisy of our society is manifested most strongly by people who not only cannot be honest with others but cannot be honest even with themselves about their gay tendencies and consequently feel a need to prove that they are straight either by being violently opposed to or by ridiculing gay people, or alternatively by adopting a dominant male chauvanist attitude towards women.

One object of IC GAYSOC is to encourage the freedom, truth and openness which the conditioning and conventions of society frequently suppress by forcing men and women into the stereotype roles set down by itself. How sad it is that society kills and buries our true thoughts and feelings while people who refuse to bury the truth and refuse to accept the stereotype of convention are rejected by society and made to feel guilty or insane.

Fortunately some gays have the courage to face a hostile society and this has led to gay demonstrations like the one recently in New York of over 100,000 gay women and gay men demonstrating against legal discrimination against gays.

That prejudice and discrimination against gays stills exists is well illustrated by the recent case of Dan White who literally got away with murder.

How could Dan White, who murdered the San Francisco Mayor, George Moscome and his supervisor Harvey Milk, who fired nine bullets into his victims and shot each one twice in the back of the head, who had clearly premeditated the murders as he had smuggled the shotgun into the building and shot the two men in different rooms, how could he not be found guilty of murder? Well, Harvey Milk was gay and the Mayor, George Moscone, though not gay, strongly supported the rights of gays and though of course not explicitly stated, the undertones of prejudice and bigotry have clearly led to this blatant travesty of justice.

Bob Rigby (Chairman, IC Gaysoc)

ULU GAYSOC have meetings every Thursday at 8:00pm in room 2D of the University of London Union, Malet Street (nearest tubes: Goudge Street or Russel Square). **EVERYONE WELCOME!**

NOWHERE TO GO FOR CHRISTMAS?

Many people have nowhere to go for the rest of the year either - as anyone who has been on the soup run will tell you. **Crisis at Christmas** runs a shelter from 23 to 28 December in London and needs volunteers to help throughout that period. You can come for just one day, or for the whole week. Help is also needed before and after to prepare the centre and to clear up. For more information, contact Fiona Sinclair (Maths 2 letter racks).

FOOD AND CLOTHES

Are you looking forward to lots of good food and clothes for Christmas? How about sparing a thought for the homeless and hungry of London. These people do not have much of a life, so try to give them a happy Christmas - it doesn't take much. Please bring donations of food (stuff that will keep until Christmas!) and warm clothes, to the ICCAG room at lunchtime (top of the Union building - follow the signs) or to Selkirk 666. Donations are also welcome, please make cheques payable to Crisis at Christmas. For more information please contact Fiona Sinclair (Maths 2 letter racks).

ENOUGH ROPE

One requirement for a successful squeeze is the 'rectification of the count', which just consists of losing some tricks until you can make all but one of the rest. In the hand below the defence co-operated admirably. The natural bidding is given below with the deal:

BRIDGE CLUB

meets every lunchtime, 3rd floor Union

NORTH		EAST (dealer)	
7 4 3		9 6 5	
A Q J 8 5		10 7 4 2	
J		K 9 7 3	
K 10 5 2		J 9	
WEST		SOUTH	
Q 10 8 2		A K J	
6		K 9 3	
Q 10 6 4		A 8 5 3	
Q 8 7 4		A 6 3	

The 3NT rebid showed a balanced 19 count. The four of diamonds was led and won by the king. The continuation of the 9 was allowed to hold, so setting the position for a squeeze. The potential eleventh trick should come from 8D, JS or the ten of clubs. The third round of diamonds was taken by the ace, where a club and a spade had been thrown from dummy. The AK of spades were cashed, followed by three rounds of hearts.

The fourth heart from dummy squeezed West in three suits! A small club was the least embarrassing discard. Both South and West threw a diamond on the last heart. A club to the ace was followed by a club to the Q, K and J leaving dummy's ten master.

On a non-diamond lead arguments could be put forward for alternative lines of play for eleven tricks, such as taking the spade finesse, or playing for a 3-3 club break, or finding East with a doubleton club honour.

BIDDING	E	S	W	N
	pass	1D	pass	1H
	pass	3NT	all pass	

The Amazing Adventures of Captain Inadequate

Panel 1: Batman says, "I'D JUST LIKE TO SAY THAT THE BIT LAST WEEK ABOUT ME CHASING MOTHS & SQUEEKING WAS A VICIOUS CALUMNY!". Captain Inadequate reads a scroll: "UNAWARE THAT HE IS BEING PERSUED BY THE LAW, CAPTAIN INADEQUATE RIDES ACROSS THE CRYSTAL PLAINS OF ELSEWHERE ASTRIDE THE CENTAUR, BORIS."

Panel 2: Captain Inadequate says, "YOUR TASK IS FIRSTLY TO RESCUE THE BEAUTIFUL NEBULA FROM THE EVIL STROOGS..".

Panel 3: Captain Inadequate says, "SHE CAN ESCAPE BY HERSELF QUITE EASILY, BUT THIS IS A TEST. IF YOU SUCCEED, YOU MAY JOIN US IN OUR NEVER-ENDING STRUGGLE AGAINST THE FORCES OF NAUGHTY!".

Panel 4: A woman says, "BUT...?? WHAT..? HOW...?". Captain Inadequate says, "MY HERO!".

Panel 5: A character says, "CONGRATULATIONS, SONNY! AT LAST WE ARE FREE FROM THE EVIL STROOGS!". Another character says, "BUT I HAVEN'T DONE IT YET! WHAT'S GOING ON?". A third character says, "OH, SORRY! I THINK I TURNED OVER TWO PAGES AT ONCE!".

Panel 6: A character says, "BUT IF I TURN BACK A WHOLE CHAPTER I CAN LEAVE EARTH BEFORE THE ATTACK OF THE EXPERIMENTAL RADIOACTIVE DINOSAURS WHICH DEPLETED MY AMAZING POWERS - I COULD BE A TRUE SUPERHERO ONCE MORE!".

Panel 7: A character asks, "WON'T YOU PLEASE TURN THE PAGES BACK, SO I CAN FIND OUT HOW I DEFEATED THE STROOGS AND RESCUED NEBULA?".

Panel 8: A character asks, "DON'T YOU KNOW THAT YOU CAN NEVER TURN THE PAGES BACK?".

Paul Miller

WANTEDS

ANY IC BASED ROCK BANDS interested in putting on a gig featuring several such and splitting the cost of hiring a PA etc, contact Eric Jarvis c/o Dramsoc or IC Radio.

WOULD THE PERSON WHO REMOVED THE AMNESTY INTERNATIONAL COLLECTING BOX FROM THE COLLEGE BOOKSHOP ON MONDAY MORNING, PLEASE ARRANGE FOR IT TO BE RETURNED. IT CONTAINS MONEY FROM THE SALE OF CHRISTMAS CARDS.

THE PIT

From the black abyss of the pit come vague rumblings. Are these the death throes of the slumbering giant or the fiery birth of some golden phoenix? Only God and EE 'Doc' Smith can tell, for the SF Club's hierarchy have finally obtained some films (fanfare of angelic voices rises to a crescendo and then fades away). On 4 December we have the long awaited *Project X* set in 2118 AD it has the badies sending our hero back to the 1960s to rediscover the Secret. I'm not giving away any more than that but it's real SF with a better story line than most of Hollywood's morass of glamour SciFi (except *Alien*). On 11 December we have the thinking man's Betty Boop in the lithe form of Ms Jane Fonda. *Barbarella* is perverted (leather and plastic fashions etc etc), sick, tasteless and very, very funny - for anyone with an open - if twisted - mind. Together with Ms JF are John Philip Law (who?) and Marcel Marceau (we think he's the one hanging on wires from the ceiling) so come early for a seat. Both are brought by SF Club Promotions Corporation (Amalg) and will be shown at 7:00pm in Huxley 213. Entrance is free to members (membership 50p) and only 20p to plebians/perverts.



Viv

Graham



SCAB NIGHT

For the first time, this year's Scab Night took the form of a revue. It opened with a Buster Keaton film, *The General*, a good film, but I think enjoyed as much for its incongruity as anything else. SP3 played us a session of jazz rock and the drummer is to be commended. The band's performance was impressive. Shakespeare must be oscillating in his grave after Derrick Everett's interpretation of all his plays in forty minutes. As a member of the cast, I felt the atmosphere was hilarious, Dramsoc was acting well and judging by the giggles rising from the darkened hall even the audience enjoyed it!

Another band rose from the roadies' confusion; Paradox, who played well but would have been much improved by more power, a cleaner sound, and a tidying up of ragged edges.

Ken Russell's *The Boyfriend* ended Scab Night. In my opinion we saw a revue that far outclassed last year's motley affair. Roll on next year, and thanks to all who took part, both artistes and audience.

Graham Brand

EDUCATION CUTS COMMITTEE

There has been an acute lack of action and protest against the effect of cuts on all aspects of education and as such, the Governments Education Bill will go through early next year, without consultation with those effected or any real protest against it. Cuts will then start to bite and many people will want to do something as standards and opportunities decline. NUS has been ineffective, but action resulting from a co-ordinated campaign in the universities of the southwest has resulted in contacts with lecturers, college staff and the NUT. This is encouraging and must take place at IC. We must oppose all cuts at IC that will result in a decrease of academic standards and opportunities, and try and convince College staff of the foolishness of cuts on principle. We must make contact with other colleges, organisations and individuals with a view to forming a broad based campaign (which is not pie in the sky, many people feel very strongly on this and this strength of feeling will increase) to inform people and act to get the cuts changed. Turn up at the meeting today at 12:45 in Mech Eng 664 and give your views. We will also be planning publicity events, the first one being the leafletting of the underground during the rush hour on Friday 7 December. IC coffin bearers and leafletters will be needed!

Philip Cole
Chem Eng 1

RHYTHM GUITARIST seeks 'artists' to 'play' with. Plays Gibson and can play keyboards if you've got them. Into Rock/HM etc. Contact Chris Partington CCD.

FLAT SHARE offered, Sth. Ken., phone Monday-Friday 9-11 542 6729

IC CHOIR'S XMAS CONCERT IN THE GREAT HALL ON FRI 7 DEC AT 8.00 pm. TICKETS £1.10 (75p for students) FROM THE HALDANE LIBRARY OR THE UNION OFFICE.

Tickets for THE DEVILS are on sale at £1.00 from Dramsoc (store room, Union East Staircase). Posters also available.

EXPLORERS CLUB

Would anyone who would like to go on some sort of expedition this summer, or be involved in the Explorers Club in any way, come to a meeting in Stans at 8:30 on Tuesday 4th December

IC Folk Club Ceildh

Tickets available from IC Union Office 75p (members 40p).

LIFE OF BRIAN TICKETS FOR TUESDAY 4 DEC NOW ON SALE TODAY FROM 12:30 ONWARDS IN THE RCSU OFFICE PRICED £2.50. ONLY 20 - SO FIRST COME FIRST SERVED!!

"By the way, how did the interview go?"

"Very well. They seemed as interested in what I wanted to do as what they wanted me to do, if you know what I mean. The whole thing was very frank. Not at all what I expected."

"They're different from the others, then?"

"I think so. Their approach to business—and the strong working relationship they have with their clients—are certainly refreshing. Their groups are small and carefully constructed, which makes the whole thing more friendly and, of course, makes the transition into their scale of work that much easier—giving them a better chance to help me along"

"Along to what?"

"Well, there are plenty of chances for overseas travel—and they're a good firm for specialisation. At the interview we talked

about Management Consultancy—an area which I could well be interested in for the future—and as it turns out a specialist area with a lot of potential."

"I always thought you were interested in the Big Wheels of Industry."

"I still am—and working with a firm of this size, that's just where I'm going to find myself over the next few years. Whether I choose to specialise, stay in the profession or travel, I'm still keeping that option open—my training and experience will be invaluable."

Graduates wishing to start a career in chartered accountancy, should write to:
The National Student Manager,
Coopers & Lybrand, Abacus House,
Gutter Lane, Cheapside, London EC2V 8AH.

Chartered Accountancy with **C&L**

London
Bedford
Birmingham
Bristol

Cardiff
Coventry
Edinburgh
Glasgow

Leeds
Leicester
Liverpool
Manchester

Middlesbrough
Newcastle upon Tyne
Northampton
Nottingham

Reading
Sheffield
Southampton
Wellingborough



DAY BY DAY



WEDNESDAY 21

US EMBASSY SEIGE

Iranian students threatened to kill their 49 remaining hostages if the American taskforce, which sailed for international waters off Iran, intervened. The students are taking seriously reports that President Carter will not stand idly by if the hostages were put on trial.

US EMBASSY IN PAKISTAN ATTACKED

The US Embassy in Pakistan was stormed by a mob and one US marine was shot dead. The Americans trapped inside had to be rescued by troops ordered into the grounds by President Zia. The riots seem to have been sparked off by rumours that 'American and Israeli agents' were responsible for the seizure of the Grand Mosque in Mecca and Ayatollah Khomeini broadcast a statement backing up the rumour.

MINERS TO VOTE ON STRIKE

Leaders of 230,000 miners rejected the 20% pay offer and called for support for disruptive action. A pithead ballot will be held on 30 November and the result will be announced on 6 December.

THURSDAY 22

FORECASTED DECLINE IN ECONOMY

In the latest Treasury economic forecasts a deficit of £2 billion is projected in 1980, although inflation is expected to fall from 17% to 14% by the end of 1980, the economy is expected to decline by 2%, despite reaching self-sufficiency in oil.

The mortgage rate is to be increased from 11 3/4% to a record 15% from January 1st. This is the biggest ever rise in the cost of home loans and home-buyers face a jump of over 20% in monthly mortgage payments.

CHINESE ACCUSE VIETNAM

The Chinese accused the Vietnamese army of causing a million deaths in Cambodia and hinted that another Chinese invasion of Vietnam might become necessary soon. The Chinese delegat Mr Han Nianlong, at a new round of border talks in Peking also accused Vietnamese forrces of "tyrannical rule and plundering in Cambodia" and claimed that the deaths took place during ruthless 'mopping up' operations and massacres. Although the Vietnamese delegate repeated their proposal that both sides of the dispute shuld sign a non-aggression agreement, Mr Han is reported to have concentrated on Cambodia.

BRITISH HEART TRANSPLANT

The seventh heart transplant to take place in Britain was completed after a six hour operation at Papworth Hospital near Cambridge. The patient is said to be breathing on his own and the heart functioning well.

FRIDAY 23

BL FUTURE IN JEOPARDY

BL's future was in the balance while the company considered whether to scrap the survival plan in the event of strikes in support of Mr Derek Robinson being made official. If this happens, management sources said that the BL Board might withdraw its request for £200 million in slate, which would mean more redundancies.

ZAMBIAN CRISIS

Fears that the Lancaster House talks could collapse wider the strain of Zambian crisis and the deadlock over ceasefire lead to an appeal by Mrs Thatcher for a quick agreement. The statement said that the achievements should not be jeopardised by 'ill-judged actions or decisions'. The talks were 'within an ace of success' and that deadlock over ceasefire could lead to previous decisions being unravelled.

IRA MAN GETS LIFE SENTENCE

Thomas McMahon, one of the Provisional IRA's bomb makers, was convicted of killing Earl Mountbatten in a boat explosion and sentenced for life.

SATURDAY 24

POLICE CORRUPTION INQUIRY

Several police officers are expected to be arrested in the next few weeks in Operation Countryman, the biggest ever investigation into London police corruption. Detectives involved in the operation which has been running for a year feel that they have been prevented from taking action against several suspects. They blame this on the policy of the Director of Public Prosecutions of only rarely giving immunity to informants and on the protective 'immunity' of the London police. So far, one officer has been arrested on a minor charge and seven suspended.

RABIES JAB

The first safe and cheap anti-rabies injection is now available. The vaccine is produced from human tissue and so free from foreign body reaction caused by earlier vaccines. About 100 people have been given the injections at a weekly clinic at British Airways Victoria Station terminal. No side effects have been reported.

SUNDAY 25

REPORT ON OBSCENITY LAWS

The Williams Committee which has been investigating pornography laws for two years is to recommend withdrawal of film censorship powers from local authorities, establishment of a statutory board of film censors and a licensing system which will enable designated cinemas to show pornographic films. Public displays of 'obscene' material would be banned but hard core material will be more accessible to adults.

US EMBASSY HOSTAGES CRISIS

The UN Secretary General, Dr Kurt Waldheim, asked the President of the Security Council to convene an urgent meeting of the Council to deal with the "grave situation which has arisen in the relations between the US and Iran". Dr Waldheim said that the tension had now esclated to a point where the world is facing the most serious threat since the Cuba missile crisis of 1962.

MONDAY 26

HOSPITAL PICKET LINE

Scuffles resulted today when about 200 junior doctors and nurses staged a counter-demonstration against the picket line at Charing Cross Hospital which has been refusing to allow the delivery of any heating oil. The hospital has been brought near to closure with only 330 patients, 463 empty beds and contingency plans to evacuate the patients. An out-patient suffering from throat and lung cancer approached the picket line and told them that he would die if he did not recieve daily treatment. The dispute is over the dismissal of two engineers. The strikers claim that the two men were victimised by hospital management because they were working to rule. The 50 strikers have denied the order to return to work.

CAMBODIANS NOT RECEIVING FOOD AID

Cambodian refugees arriving in Thailand have claimed that Vietnamese troops are stealing international food aid. The refugees, in contrast to the United Nations' Children's Fund and the International Red Cross, claim that they have recieved little of the foreign aid that has been delivered over the past tow months. Almost all of the refugees believe that Vietnam is out to exterminate the Cambodian race.

TUESDAY 27

INQUIRY EXAMINE ROBINSON SACKING

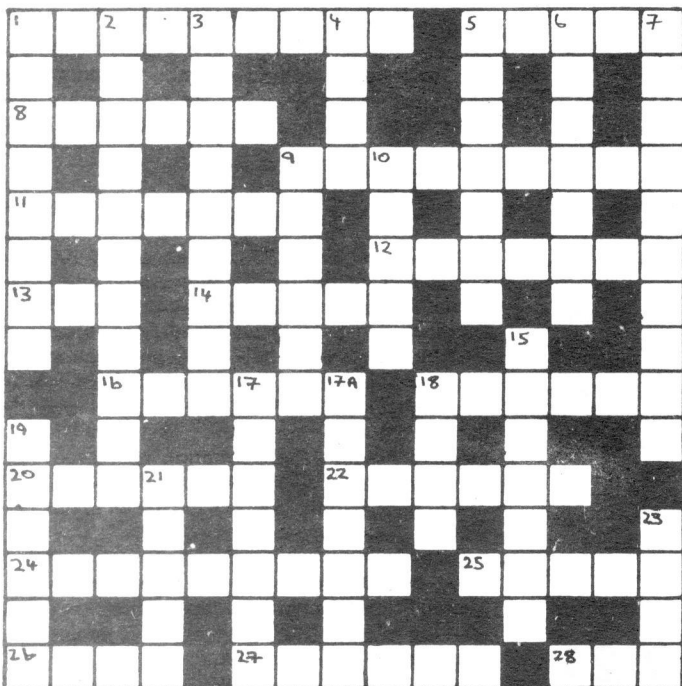
The leaders of the engineering workers' union agreed with Sir Michael Edwardes, the BL Chairman, to instruct their members to return to work immediately. This decision caused anger in the Transport and General Workers' Union which declared the strike official. The Engineering Union's decision has made it inevitable that the TGWU will have to halt its own strike. Instead of taking official action the AVEW will hold its own inquiry into the sacking.

TECHNICIANS' DISPUTE HALTS BBC TV STUDIOS

A dispute with technicians has halted production in London studios. The last remaining technical operations crew walked out on a twenty-four hour strike today. The BBC has begun to draw up television schedules containing increasing numbers of films and programmes which have been shown before.

PRIZE CROSS WORD

£2.00 PRIZE FOR THE FIRST
CORRECT ENTRY



CLUES ACROSS

- 1 Tie down years (9)
- 5 Nail that thing (5)
- 8 That girl's home? (6)
- 9 Car paired off (9)
- 11 Mould tough (7)
- 12 Gas container (7)
- 13 Connect onto (3)
- 14 Guess (5)
- 16 On the ball (6)
- 18 Remove stance (6)
- 20 An ocean twitch (6)
- 22 Lifegiving container? (6)
- 24 Contained by outer garment willing (9)
- 25 A collection ? (5)
- 26 Finishes (4)
- 27 Fruit container waters (6)
- 28 Drinks counter (3)

CLUES DOWN

- 1 A head prop show fondness (8)
- 2 Fool part time delayed (11)
- 3 Vicious attack (9)
- 4 Guide (4)
- 5 Show fear (7)
- 6 Short carry on sandwich (7)
- 7 Metric base refuge takes note (10)
- 9 Tack on then (6)
- 10 Piper perhaps? (5)
- 15 Exclaim push (7)
- 17 Short relation snake (7)
- 17a Permits (7)
- 18 Tax (4)
- 19 Communicate which underground (6)
- 21 Trojan horses? (5)
- 23 Night light (4)

in the words of the immortal bard... Ian Forrester.



The Industrial Society is the College's newest and fastest growing student club. Despite being formed only last October, we already have 70 members and a wide diversity of activities. So far this term, these have included a visit to the Airfix factory at Wandsworth, a behind the curtain tour of a major branch of Lloyd's bank and a presentation by Mars on the manufacturing of its products. In all our events we try to get at the hard facts behind the organisation: from the

technical, the industrial relations, the financial and the careers viewpoints. In the case of visits, this means not just a tour of the works but also a critical discussion with the staff and managers. We try to cater for a wide range of interests and needs and next term will see such activities as a presentation by Courtaulds and in early February a visit to the Ford production line at Dagenham. The most immediate of our future events is a talk by Unilever on the role of the accountant in industry, which will take place next Wednesday 13 December in the Bot/Zoo common room. This will be an illustrated talk and refreshments will be provided. If you can make it this Wednesday and you have not yet joined, look-out for notices of future events or drop me a line and I shall send you more details of our activities as they are arranged.

S Milner

SOVA

What is it like trying to learn to live a normal life again after a spell in prison? Or if you're in prison, alone and adjusting to a new environment?

It's not easy, but SOVA tries to help offenders, ex-offenders and those on probation by organising: prison visiting, working in a bail unit, literacy help, in and out of prison, adventure weekends for the 'young at risk' and help for crime victims.

If you've had no experience in probation or social work, the Society for Voluntary Associates run groups and lectures to inform you of the contemporary problems and ways of overcoming them.

Probation work is not a popular field to work in, it's difficult and demanding, but it can be very rewarding by involving you directly with people in need of help.

If you think you may be interested in joining the Voluntary Associates and contributing a few hours, once in a while, to do something constructive and useful, please contact me for further details, or any ICCAG member (distinguished by the ICCAG badge) or come to the next ICCAG meeting on Monday 3 December at 12:30pm in the Union, 3rd floor.

Kate Hill
Biol 2



**FELIX WILL BE
REVIEWING MIKE
HARDING WHEN HE
APPEARS AT THE
DOMINION THEATRE
ON 4 DECEMBER**

We hope to live up to the compliment "FELIX seems to have a predilection for the more light-hearted aspects of College life"

(Reproduced and slightly altered without permission from Sideways)





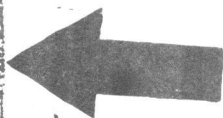
ENVIRONMENTAL WEEK CONTINUES

**FRIDAY 30th NOVEMBER
7.00pm PHYSICS LT 1**

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

RJS/ICU PROMOTIONS
PRESENT FOR
ENVIRONMENTAL WEEK

**BROTHERS K
PLUS DISCO**

**FRIDAY
30th
NOVEMBER
8:30pm
UNION
BUILDING
IMPERIAL
COLLEGE**

TICKETS FROM
THE UNION
OFFICE 75p

SAT 1st and SUN 2nd

Whilst the rest of Environmental Week is concerned with stimulating thoughts and discussion on various key environmental issues, this weekend has the action, and is a chance to get actively and positively involved in helping others with their environment. Adventure playgrounds give kids from heavily built up areas a place of their own to play, meet their friends and develop in. As such they provide a necessary focus for these children. We looked at many of the adventure playgrounds in London, the good and the bad. We chose Holly Street because it is completely closed at the moment. A lot of work needs to be done, new structures need to be built, a piece of waste land has to be dug over to make a garden, murals need painting. The kids themselves will help too but theres too much for them to do on their own. Lets get Holly Street open for the children of Hackney again. We're all meeting under the Beit Archway at 10.30am on Saturday and Sunday morning or at Holly Street, Hackney, E8 at 11.30am. Dress up warmly and bring a friend it'll be lots of fun.



**BUILDING-
PAINTING,
THERE'S LOTS
TO DO**

**HEY! WOULD
YOU LIKE TO
REBUILD OUR
PLAYGROUND**

**SATURDAY 1st
AND SUNDAY
2nd DECEMBER**

**MEET ON
SAT AND SUN
10.30am AT BEIT
ARCHWAY**

**OR 11.00am
AT HOLLY
STREET
PLAYGROUND
OFF RICHMOND ROAD, E8.
bring a lunch and a friend.**



**FUN WEEK-END
ADVENTURE PLAYGROUND**

ORGANISED BY IMPERIAL COLLEGE UNION
AS PART OF THE ENVIRONMENTAL WEEK
29th Nov-6th Dec

**MONDAY 3rd DEC
THE ENVIRONMENTAL
IMPACT OF THE OIL
INDUSTRY 1:00pm
Centre for Env Tec**

with Mr. MacIntosh (Shell)
(Organised by RCS En. Society)

**7pm PHYSICS 1
LONDON'S FUTURE
TRANSPORT
POLICY**

**LONDON'S FUTURE
TRANSPORT POLICY**



Cheap energy and consumer society gave rise to suburban sprawl and the decay of inner cities during the 50's in the U.S.A. Until recently it was thought that U.K. cities were following the same pattern. This is now being questioned as is the influence of transport urban patterns. In the midst of this are ideas of office decentralisation, new town growth and inner city decay.

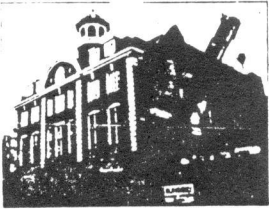


London is a city which was built by and for an empire, one collapse of which has left an unnecessarily large capital city for the U.K. faced, with congestion and increasing energy prices

London's Transport Policy is probably the most important single factor affecting the life of its inhabitants and where they live and work.

Designing the future of London Transport is not, in the face of all these problems, an easy task.

The debate with Nick Lester from Transport 2000 and Herbert Sandford from the GLC, should expand these problems and hopefully illuminate various proposed solutions.

**TUES 4th DEC
1pm
MECH ENG 220**

<small>CHAIRMAN OF THE HISTORIC BUILDINGS COUNCIL</small> MRS JENNIFER JENKINS	<small>IMPERIAL COLLEGE UNION PRESENTS AS PART OF ENVIRONMENTAL WEEK</small> <small>ASSISTANT CHIEF SCIENTIST, NATURAL CONSERVANCY COUNCIL</small> DR GOODE	<small>DIRECTOR OF THE COUNTRYSIDE COMMISSION</small> MR HOOKWAY
		
BUILDINGS?	NATURE?	COUNTRYSIDE?

**TUESDAY 4th
DECEMBER, 1979
1.00pm
MECH ENG 220
IMPERIAL COLLEGE**

**WHAT TO
CONSERVE??**

Conservation and development are frequently argued to be opposing factors. The technology however exists for almost total conservation to occur with industrial

advancement and change the limitation being an economic one. The contentious question is then what, to conserve, or for some, what not to develop.

Though people often know instinctively when conservation is necessary, in many cases it should be the role of pressure groups, to point out less obvious targets for the conservation of threatened species, areas or buildings.

In the context of increasing public conciousness it is important to lay out the principles, and organise ideas on "What to Conserve".

ENVIRONMENT AND THE THIRD WORLD

7:00pm Maths 341

with Dr. Leo Pyle.
(Organised by IC Communist Soc/Science for People)

WED 5th DEC

ENVIRONMENTAL FAIR

1pm JUNIOR COMMON ROOM

AT 7pm INDUSTRY AND THE ENVIRONMENT

AT 8.30pm WORKSHOP

ENVIRONMENTAL FAIR

BEGINS 1.00pm
WED 5th DEC

JCR

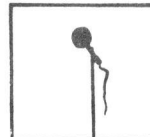
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junior
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college

With
Friends of the Earth
World Wildlife Fund
National Coal Board
ESSO
Town and Country Planning
Vale of Belvoir
Soil Association
Methane production
VOLE
Greenpeace
World Wildlife Fund
Compassion in World farming
Victorian Society
Sand and Gravel Association
Cyclist Tourist Club
Nature Conservancy Council
SAVE Britain's Heritage
Trust for Conservation Volunteers
Environmental Society
National Society for Clean Air
British Society for Social Responsibility
in Science
AND
MANY, MANY MORE BE THERE!

stalls
and
displays
of env
societies



a
time-table
of
speeches



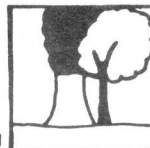
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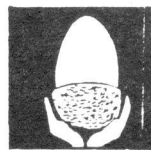
7.00pm
industry
and the
env
WITH
PROF. SUTTON



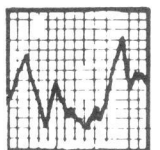
continous
films
throughout
the
afternoon



at 8.30pm
there
is an
env
workshop



details
of
research
at
Imperial



THURS 6th DEC

'AN ENERGY FUTURE FOR BRITAIN?'

1.15pm MECH ENG 220

EEC AND THE ENVIRONMENT 4:30pm

Consort Gallery

SCIENCE FOR PEOPLE

The British Society for Social Responsibility in Science conference was hosted this year by Imperial College Science for People Group and took place on Saturday 24 November at IC. All the discussions were rivetting (as usual) but the discussion on Microprocessors in particular prompted me to overcome my usual lethargy and read the articles I had around on the issue and set down a personal view of some of the issues involved.

IF CHIPS COULD FLY

Occasionally one could believe that the chip can do everything; including flying across the atlantic. Unfortunately this isn't so far from the truth. Cruise missiles can; arriving at allocated spots with remarkable precision. Microelectronics were originally developed by the defence industry. However, you can't always judge a child by its parent (though have you ever wondered why there are so many electronic war games around - the Union Lower Lounge being no exception!).

IT'S A WONDERFUL THING - SCIENCE!

The new technology is revolutionising everything from cash registers and calculators, petrol pumps and pinballs to televisions, typesetters and telecommunications. Everything is getting smaller, therefore using less material. The production of chips is not energy intensive and therefore aids conservation. In the process of greater mechanisation, boring and repetitive jobs are being ended - or are they?

Unfortunately the chip is stealing many skilled jobs, people are replaced by machines without consideration of the social implications. Who would you rather greet at a service station: an efficient self-service petrol pump with flashing green lights, or a friendly petrol pump attendant who chats away to you to add a bit of cheer to your day? The job of secretaries is being reduced to copy typing by word processors that have preprogrammed layout and simple editing, skilled welders are reduced to machine minders, even a brain surgeon can be replaced by a machine (with the help of a junior doctor). Whereas, lots of really dreary repetitive jobs are not being changed by new technology; dustmen, packaging workers, postmen etc, while existing skilled jobs are being deskilled. You may be thinking: well, if there's no future in brain surgery there is at least some in software, but even there you could be wrong. Computers are now being programmed to develop their own software in many instances.

Estimates of structural unemployment

due to the new technology vary, but 2 1/2 million in Britain seems to be a likely figure for the near future. Of the people in work, we could be left with a technocratic elite and deskilled masses.

**Joint meeting:
Science for People
and Communist Soc
with Dr Leo Pyle
speaking on THE
THIRD WORLD AND
THE ENVIRONMENT
in Maths 341 on
Tuesday 4 December
at 7:00pm.**

**'THE ONLY THING I WOULDN'T
SWOP MY JOB FOR IS UNEMPLOYMENT'** (QUOTE FROM A
COAL MINER)

Many people are suggesting that what is needed is to move away from society's idea of 'work ethic' and to train people in the art of leisure. This idealistic view seems to ignore the current education cuts and cuts in the arts and other facilities. It seems unlikely, if you are one of the unlucky unemployed that you will have anything more interesting or socially useful to do than to play on an electric TV game all day (that's if you can afford it on the dole!).

**IN NEXT FRIDAY'S
30th Anniversary
FELIX
COLIN PALMER, OF
THE COMPUTING &
CONTROL DEPT
WILL BEGIN A
SERIES OF ARTICLES
ON
COMPUTERS
COMPOSING MUSIC**

THE LUDDITE FACTOR

Perhaps the Luddites weren't so bad after all? Unfortunately most of the old movement was shipped to Australia. They aren't doing so badly there

however, the Australian TUC has just decided to attempt to enforce a five year moratorium on the further introduction of new technology. However, my view is that it is possible to make constructive use of the microchip but you have to begin from a different standpoint.

WHOSE SOCIETY?

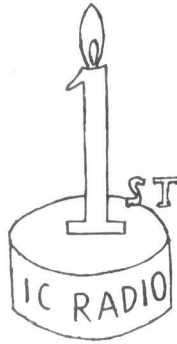
Some people would reply that it's the machines, if its IQ is over 120. It has been suggested that if computers develop an intelligence quotient of this figure then we will have to consider whether they are human and perhaps make it a punishable offence to switch them off. (This brings into question how to regard people with an IQ below 120!) Before the whole debate gets out of hand we ought to remember that machines are developed as tools to help humankind (or should be). Unfortunately we are not always united on our definition of progress. Current industrialists seem to regard progress as anything that costs less (in money terms). Human labour is expensive and best expended and machines have the added advantage of not tending to disobey orders.

Ideally society should discuss the implications of the new technology on each occasion it may be introduced. A future does exist for the new technology that can benefit us all. It opens up the way to ending the divide between work and leisure and to develop further creative skills. However, its present use is to dehumanise the workplace and pit the human being against the supposed greater skill and speed of the machine. In a capitalist society where democracy is defined as 'those who own should decide', it is difficult to exert any real control over the introduction of microprocessors. Trade unions have struggled over the last century for the workers right to some control over work conditions. The new technology makes their role even more decisive. In the short term they need to fight for it only to be introduced in cases where the working week is shortened, there is increased, and/or diversified production and where the working environment is not dehumanised, with all workers being given opportunities to develop skills. Greater 'efficiency' is not the only criterion to be used. Unfortunately these things are never simple. International competition exerts a tremendous pressure for accepting new technology without such stringent conditions, but if society is to be saved from the horrors of a 'brave new world' we must all at least begin the fight for social control of the microchip.

Mary Attenborough



THIS SUNDAY I.C. RADIO CELEBRATES :



BIRTHDAY

One year of Medium Wave transmissions on 301m / 999kHz.



Sarah Talbot presents the first of the Birthday programmes.
Photo by Jeremy Nunns

I.C. Radio started five years ago when programmes were recorded on a disco console and broadcast once a week to the J.C.R. Programme quantity and quality increased gradually. In 1977 a line was installed to Stan's bar; the present Station Manager, Harvey Nadin presented the first programme to there. Since then several other outlets have been fitted around College.

Non - music programming is an important part of our schedule, and the News service, which started about two years ago, provides College news and information which might be of interest to students.

Following a successful application to the Home Office for a test licence, a transmitter was built during 1978 to broadcast to the Halls of Residence around Prince's Gardens. After a Home Office test a licence was granted on 30th November last, and regular transmissions began two days later. You can look back at the progress of the station during the past year at 6pm on Sunday in Focus.

Jeremy Nunns

Friday 30th November

- 5.00 Tune In - Jim Bacon
- 6.00 American Rock Programme
- 7.00 Viewpoint - Chris Dalton
- 9.00 Roundabout - Gerard Jennings
- 11.00 Through Midnight - Jon Marsden
- 1.00 Closedown

Saturday 1st December

- 8.00 Wake up with Jon - Jon Firth. Including tracks from Pink Floyd's new album 'The Wall' and local cinema guide.
- 11.00 Simon Milner with a cornucopia of aural delights.
- 1.00 301 Sportsline - Jeremy Nunns and Mark Jones. Sports reports at 1.30, 2.30, 3.25, 3.50, 4.25, 4.50 and 5.30.
- 6.00 Heavy Metal Show - Jullian Pitt
- 9.00 Roundabout - Sarah Talbot. Requests on Internal 3440 or else!
- 11.00 Through Midnight
- 1.00 The Early Christmas Show - David Carter and Alex Pascall.

Sunday 2nd December

- 9.00 Wake up with Sarah - Sarah Talbot. Start the week differently; includes 301 Sportsdesk at 10.30.
- 12.00 S & M - Simon Milner. Simon points out that I.C. Radio is one year old with a mental age of two.
- 2.00 I.C. Radio Birthday Party - Harvey Nadin, the Station Manager hosts a three hour birthday party during the afternoon, live from his room in Keogh (162). Anyone is welcome to come along and join in.
- 5.00 Roundtable - Chris Fox, the I.C. Union President, will attempt to keep a panel of I.C. Radio presenters in order as they review rather look back at the last year's releases.
- 6.00 Focus on Imperial College Radio - An hour long looking at the progress of the station during the last year.
- 7.00 I.C. Radio Live from Stan's Bar - In the evening the station adjourns 'en masse' to Stan's for a four hour request show where anyone is welcome to buy the drinks and share some of the specially made Birthday Cake.
- 11.00 Through Midnight - Huw Baynham (who regularly presents this programme) takes you through midnight with music for this special occasion.
- 1.00 Closedown

Monday 3rd December

- 5.00 Tune In - Barry Wareing
- 6.00 Folk: Ragged Heroes - Eric Jarvis. Producer Sid.
- 7.00 Viewpoint - Tony Ferguson. I.C. Radio Top 20 and Tuesday Gig Guide.
- 9.00 Roundabout - Nick Melling
- 11.00 Through Midnight
- 1.00 Closedown

Tuesday 4th December

- 12.00 Midday Spin - Simon Milner and Tony Oliver.
- 2.15 Closedown
- 5.00 Tune In - Mark Jones
- 6.00 That's Jazz - Harry Magnay. Producer Simon Milner.
- 7.00 Viewpoint - Karen
- 9.00 Roundabout - Sahara Blott. Sort 3440 Queens.
- 11.00 Through Midnight - Ken Strachan
- 1.00 Closedown

Wednesday 5th December

- 5.00 R & B - Sid. The music speaks for itself!
- 6.40 301 Newslines. News and Views form around College.
- 7.00 Viewpoint - Jon Firth; including 301 Sportsdesk at 8.30, Chart of Yesteryear and a chat with Stoic about their programme tomorrow.
- 9.00 Roundabout - Jon Marsden
- 11.00 Through Midnight - Nick Melling
- 1.00 Closedown

Thursday 6th December

- 12.00 Midday Spin - Tony Oliver
- 2.15 Closedown
- 5.00 Tune In - Gerard Jennings
- 6.00 Disco / Boogie Time - Alan Burton. "The best of all that's good in music."
- 7.00 Viewpoint - Simon Milner
- 9.00 Roundabout - Simon Woods
- 11.00 Through Midnight
- 1.00 Closedown

THE DEVILS

Next Wednesday sees the opening night of Dramsoc's latest production, *THE DEVILS* by John Whiting.

Set in the France of Louis XIII and Cardinal Richelieu, it is based on historical events, as portrayed by Aldous Huxley in *The Devils of Loudon*.

The story revolves around Burbain Grandier (played by Richard Jones of ME1), a powerful, but lecherous member of the high clergy.

His undoing, in more than one sense, comes in the form of a young girl, Phillipe, daughter of the town prosecutor.

Parallel scenes involve a sister in a convent, who has never met Grandier. However, she hysterically claims he has deflowered her. She seems to represent repressed sexuality, as the producer Richard King, an ex IC student put it: "Has more hang-ups than Freud ever thought of."

The play was written in the early sixties shortly after the McCarthy era, and elements also of Miller's *The Crucible* are found.

The attitudes of the Bourgeoisie, as exemplified by the town's doctor and pharmacist, to the decadence of Grandier are also interesting.

One member of the cast who will be familiar to many is Eric Jarvis, as Cardinal Richelieu. It is rumoured he needed special permission to emerge from his home in a broom cupboard, located somewhere in College!

The dress rehearsal showed, assuming all goes fairly smoothly, that with familiar themes of sex and violence spun together slightly differently, the Dramsoc production will definitely be worth a look.

JOHN MILES CONCERT with Roy Sundholm as support

There were about 600 people in the Great hall when Roy Sundholm, the support act, started his set just after 8:15 on Monday evening. Roy describes his music as "modern Rock'n'Roll" which is a very apt description; each of the eight songs that he played was up-tempo, although there was certainly a variation in style. His album *The Chinese Method* was recorded with session musicians and the six-piece group he had on stage had only been together for two months, but they seemed to play together remarkably well. Apart from Roy Sundholm on lead vocals and guitar, there were two other guitarists, bass, drums and keyboards. The latter, though, were underused, being swamped by the guitars.

Of the songs that he played, I most liked the second number *The Girls Are Out Now* which was fast Rock'n'Roll and apart from a good tune, had more life than many of the others. After that he launched into his new single *Did You Ever Have A Heart* which was quite a raunchy number. Of the remaining songs, several seemed to have a distinct heavy metal influence, but with a strong drum/bass beat, and a couple reminded me a little of Foreigner.

(continued from front page)

RAG

Another new event was the Beer Festival, which was a great success, the Superag glasses being in great demand, and (despite the extreme cheapness of the beer) making a healthy profit. The credit for this superb event must go to Nick Morton, who organised it all, with a little help from Chris Bruton, Tim and the Real Ale Soc crowd, and of course Dramsoc for the scaffolding. I'd also like to thank everyone who helped serve, clear up etc, and especially Scout and Guide Club who did the food.

The other big event was surely the Procession, and although it left me behind after about fifteen minutes, I was quite satisfied to have seen it get off (almost) without a hitch; a task which seemed impossible when I stated working on it last July! I'm sure everyone who went enjoyed it; even the Police who were really great, and thanks goes to the CCUs, Selkirk Hall and the Red Cross for putting on floats, not to mention Kirsten and Adrian, our resident Michelin Men. The accompanying collection was also very successful, and a special mention must be given to Jo, who not only collected the most money, but managed to pass on her enthusiasm to the few heroic Guildspeople who went out again to collect in the evening, thus bringing the day's total to over £1,100, enough to buy two radio-hearing aids which we should be able to buy and present sometime next term.

Well time and space don't permit me to go through every event, but thanks must go to everyone who staged an event, ie Scab, Aerosoc, Folk Club etc and particularly the CCU Execs,

When John Miles came on stage at 9:30 (by which time the audience had swelled to about 700), he gave a much more professional impression right from the start; likewise it was obvious who the crowd had waited for. The very start of his act was obviously planned and reminded me of the way the Floyd used to start their concerts.

In the second number *High Fly*, his first single, the lighting and special effects were first used with crossed spotlights from below on John Miles and smoke around his legs. The song itself, I felt was rather more rocky than the original, with harder vocals. He went straight from that into the title track of his first album, *Rebel* which he sung with feeling, backed by effective bass and keyboards.

After *Bad Blood* from his latest album *More Miles Per Hour* he played *Pull the Damn Thing Down*, which despite its age, was given a very modern treatment; the most notable thing about it was the drum orientated instrumental at the end, with superb strobe lighting under the drum kit.

John Miles then introduced the band: apart from himself on vocals and lead guitar, there was Bob Marshall on bass and other guitars, Barry Black on drums and Brian Chapman playing three separate keyboards.

His new single *Don't Give Me Your Sympathy* was next. Very uptempo but typically John Miles.

especially VPs, for the many events they were involved in.

I'm greatly indebted to everyone who helped in any way, and special thanks to Chaps Club for their highly successful Ragarama, I hope there's another next year; Brendon, Mr Mooney and Dramsoc/Pyrosoc for the Barbeque; the RCS Ents Committee (except me), especially Rich and Marco for bringing excellence back into the Smoking Concert and everyone who helped at the Rag and Drag Disco, including Mrs Weale, Harry Fairbrother, Annie Lathaen and Malcolm Brain for judging, Harvey for the disco, Nick for compering and all the RCS stalwarts who set up or cleared up and also apologies to Paul who was on the door practically all night. Thanks to the Underwater Club for giving up their Sunday lie-in to ensure the safety of the Raft Race; Adrian Black for sponsoredly swimming the Serpentine of his own accord (mad fool!); Chris and Nab for an enjoyable Rugby match and Barnight; Karen and Jon for the DJing at Tuesday's Disco and of course Messrs Fox and O'Boyle for the Bank Job afterwards. Also Pat and Mark for being nice to me at the Exec Torture (I was ill - honest!); Ents, especially Brian for disco, films, etc and Barney for odds and ends; the Union Barstaff for their hard work throughout the week; Roger Serpell and his Red Cross contingent for being around ready to cope with disasters; Colin for general enthusiasm and the selling of FELIX; Mac at Nat West for so cheerfully handling the money we kept giving him and finally Ian Taylor and all the Guildspeople who helped make Carnival its usual roaring success.

Well, not quite finally, as some people deserve an extra-special mention, namely: Steve Tyson, for producing superb posters at a moments notice; Kirsten and Jan for interminably sitting on doors and generally being useful; Pat and Nab for doing the dirty work and generally always being around to do everything, not to mention keeping me amused (every time!); Annie for help and inspiration since it all started last July and especially Ruth for being super-efficient in controlling the money and for general and endless help, not to mention moral support.

PHEW! Well, there you are, if I've forgotten to mention you in print, come and beat me up, and if you've any ideas for future events/the Fete, then come to the Rag Committee meeting on Wednesday 5 November at 7:00pm in the ICWA Lounge.

Cheers, Rae.

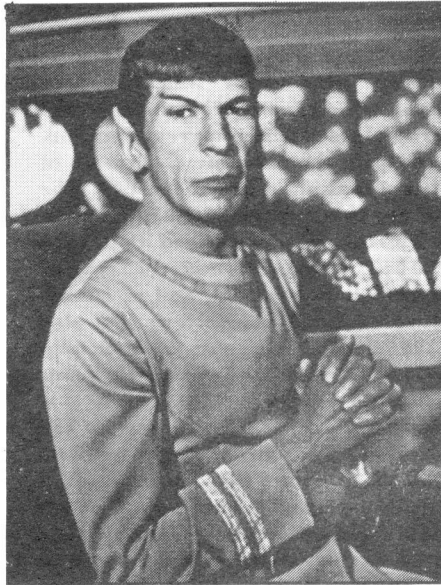
NICOLE
will be having a
FANTASTIC KNITWEAR SALE
in the JCR on TUESDAY 4th
DECEMBER
Jerseys from £6.95 and jumpers
from £7.95.

PREVIEWS

This week I thought I'd look at some of the films which will be released in the next few months. Being the Christmas period, many of the major distributors will be releasing films which they hope will make much money.

Most prominent is the long-awaited and much praised *Apocalypse Now* from director Francis Ford Coppola. Seven years in the making, this film is bound to be the centre of attention due to its controversial treatment of Vietnam. Strangely, there will be two versions; a titleless 70mm version for the West End and a titled 35mm version (complete with different ending!) for countrywide release. Some people just like being difficult. I'm assured by Roger Stotesbury that it *is* brilliant, but I shall need to see it to be convinced.

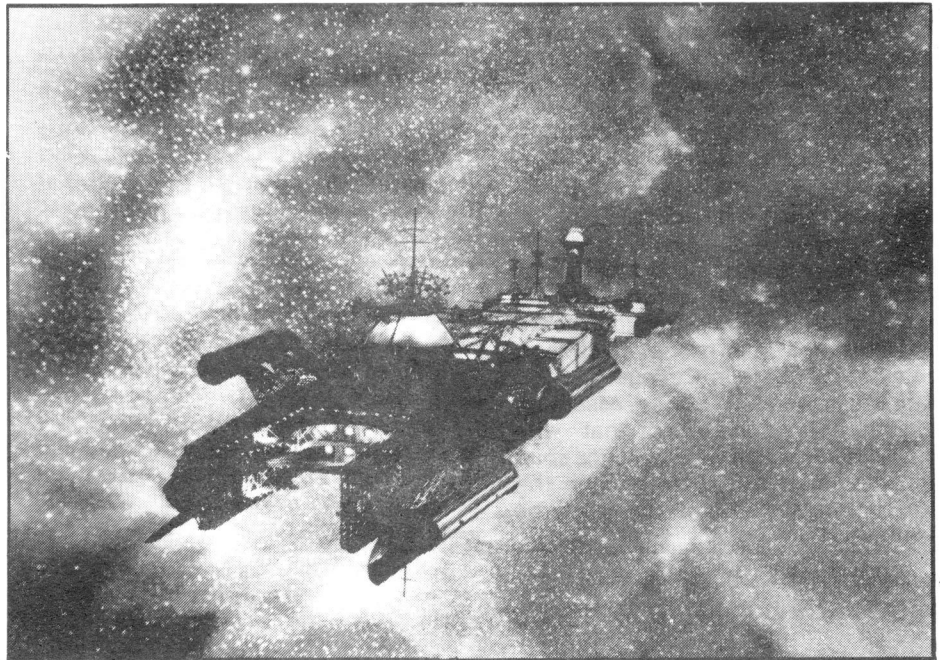
Next on the extravaganza list is the amazing *Star Trek - The Motion Picture*. I say amazing, as it is quite strange how a television series which started way back in 1966 can survive to become a film and still have the same stars. Older, in different uniforms and aboard a new Enterprise, Kirk, Spock, Scotty, Chekov, Sulu, Uhura, McCoy and even Nurse Chappel are all still there to save the Earth from certain destruction. Admitted Kirk is now an Admiral, Captain Dekker runs the Enterprise and there is a bald, female navigator, but things are bound to be just the same. However, I have been informed that the special effects are very realistic (ie expensive) and include a photon torpedo being created and fired down a tube on the Enterprise. I hope to review the film fully in the last FELIX of term, as it will be released on Saturday 15th December at the Empire Leicester Square and simultaneously at many cinemas all over the country.



Leonard Nimoy returns to play Mr Spock

copyright Paramount Pictures

Still on the space theme (no groans please) is Disney's *The Black Hole*. This is Disney's most expensive project to date and also their first 'A' certificate. It concerns the discovery of a huge space vessel, the USS Cygnus, circling a black hole. Its commander, Dr Hans Reinhardt, is the only human aboard and insists on making his rescuers witness his descent into the black hole, where he believes he will find another universe and eternal life. Well, well, there's one born every minute isn't there. Seriously, though, despite the wonderful, expensive publicity, the wonderful, expensive special effects and the wonderful, expensive cinema tickets, I doubt whether this will appeal to many of you. It looks like a children's film, but perhaps you can keep one of your grotty little cousins quiet with it as a Christmas treat - that'll be *my* excuse to see it. I hope to review this fully as well at a later date.



THE USS CYGNUS

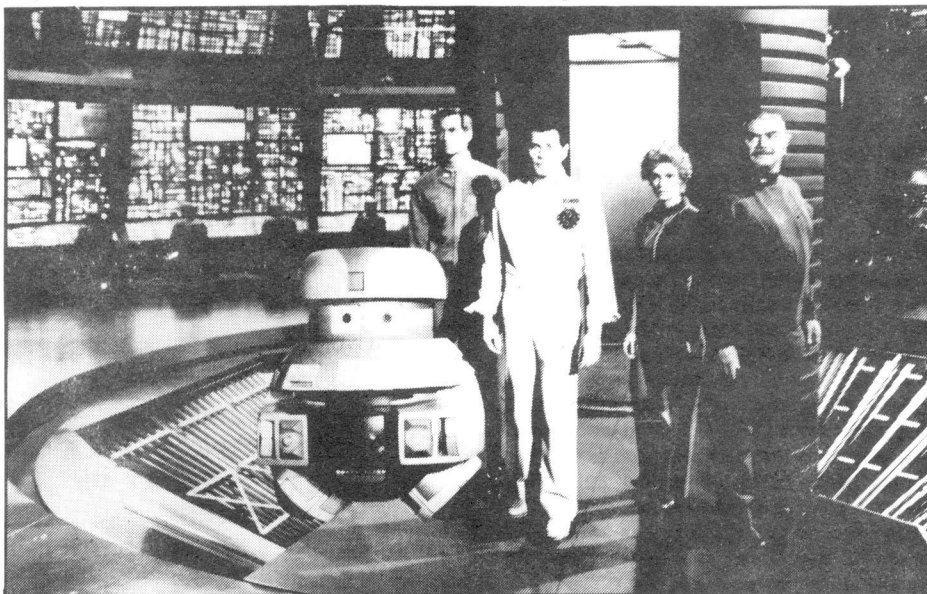
copyright Walt Disney Productions

The crew of the Palamino arrive aboard the USS Cygnus.

Creeping up at the start of December is one welcome light note. Peter Sellers stars in a remake of *The Prisoner of Zenda* which will undoubtedly be cast in his own life style (he wrote most of it). Great comedies are few and far between, so I hope that the recent release of Monty Python's *Life of Brian* is not a bad omen. Also due for release is *Meteor*, a disaster movie in which the earth is endangered by a shower of huge meteors. A star-studded cast is included for good measure with some new and technically difficult special effects. I hope it's worthwhile.

All in all, December looks quite promising with a broad range of films to cover most tastes. Incidentally, it is rumoured that besides *The Sound of Music*, *Chitty Chitty Bang Bang*, etc, we may see *2001: A Space Odyssey* on television over Christmas. A real classic - not to be missed.

Mark Smith



copyright Walt Disney Productions

IMPERIAL COLLEGE SYMPHONY ORCHESTRA

Those people who attended Wednesday night's concert given by IC Symphony Orchestra must have left the Great Hall feeling well satisfied with their evening's entertainment. The orchestra conducted by Richard Dickins and led by David Bogle, gave a performance which was spirited and enthusiastic and although by no means perfect the players created a very favourable impression of their ability to make music.

The concert opened with the Overture Colas Breugnon by Kablevsky. This lively composition reflects the moods of a stormy

opera involving rivalry in love, class repression, insurgency and sorrow in sixteenth century Burgundy. Unfortunately the orchestra felt ill at ease among such extravagant surroundings and one felt the music became rather disorganised and uncoordinated. It was a disappointing start but the players rapidly recovered themselves.

The orchestra was joined by Hideko Udagawa for the performance of Medelssohn's Violin Concerto. Since her first solo appearance at the age of fifteen Miss Udagawa has appeared in concerts and on television throughout the world and has also

played at Imperial for the lunch hour concerts. The Mendelssohn concerto is one of the best known and best loved of concertos in all musical circles. Discrete interplay between soloist and orchestra is of course essential and care must be taken that the orchestra does not simply accompany the soloist but also complements her. Miss Udagawa and IC SO performed the concerto magnificently. Although the strings were occasionally blurred and in the last movement the wind players had difficulty in matching the soloist's cracking pace, it was nonetheless a striking performance and a credit to all those involved.

The orchestra completed the concert with the second symphony in E minor by Rachmaninov, an extended work requiring, one would have thought, both skill and experience among the players. This was an exciting and daring undertaking for the College orchestra and must have been a tremendous challenge to conductor and players alike. The symphony, written at the turn of the last century, abounds with rich and romantic melodies which are carried through the string sections while the wind groups in rather a stark contrast pronounce urgent demanding themes. However, the melodic care of the work predominates throughout and the symphony ends triumphantly in a mood of optimism. Under the superb direction of Richard Dickens IC Orchestra gave a creditable performance of a symphony which must inspire awe, even in the best orchestras, with an admirable performance by Sally Donegari of the clarinet solo.

Full congratulations should go to Richard Dickens who has successfully created such a capable and enthusiastic amateur orchestra. I hope he remains with them for some time.

Sue McClaughry

AFTER THE FIRE Interview and The Passengers at the Rainbow

This was the final date of a two month tour, in which After the Fire played forty-five gigs. I arrived at the Rainbow expecting to see the place about half-full, and was immediately struck by the number of people milling around in the foyer.

Promptly at eight, the first band The Passengers made their entry and started pumping away, as usual, the bass was far too loud, but otherwise all the songs except one reggae number (did not work at all) were thoroughly enjoyable as a warm-up for the main event. It was a shame that the lyrics were totally indecipherable. Visually the band need a lot of improvement if they are going to be worth seeing on stage. The lead singer gave the impression that he was imitating Elvis Costello, whilst all their stage stances looked constructed and so awkward that they almost looked comical. The strongest two songs were their single 'Two Lovers' and the one they finished with 'Something About You I Don't Like'.

At this point everyone shuffled out to get their half-pizzas and extortionate liquid malt in the fifteen minutes before

Interview came on. I'd heard of this band somewhere in the distant past and consequently was expecting something rather good, however, I was to be disappointed. The most entertaining part of their set was when the bassist broke his guitar strap and endeavoured to finish playing the rest of the song in a series of contorted positions.

In appearance, and the way they moved about on stage, Interview could have been some of the relics of the punk movement, but musically they could not have been much further removed. I found them quite boring. The songs they strung out by including long instrumental passages inbetween the singing, whilst the vocalist ambled aimlessly about the stage trying to look as though he was enjoying himself. It was just as well that the audience had reverted to throwing darts to keep themselves entertained, throwing them back gave him something to do. Eventually Interview finished, and let the rest of us stagger out for our, by now, warm and uncomfortable seats.

Everything had been running exactly to time so far and After the Fire continued in the same business-like fashion. After an interval of exactly fifteen minutes, whilst the safety curtain was still down, the Thunderbirds theme

tune came over on the Disco and evidently (a lot of the audience must have seen ATF before) this was the signal for the crowd to erupt into raptures and rush to the front. The safety curtain was raised revealing.....an empty stage, but for vacant drum kit and organ. Thunderbirds gave way to 'Joy', a track from their album, and the band ran on the stage starting playing over the top of the disco.

The only criticism that can be raised at their performance was the lack of movement, but this can only be expected as two of the four were playing stationary instruments.

The fifty minute set came to an end remarkably soon, the band was called back for the obligatory encore and played 'Laser Love', then were called back again for a second encore with a jammed-up, very ATF version of the Beatles' 'Help'.

I went to the concert expecting to hear a very well played, boring version of After the Fire's LP. The quality of the sound was every bit as good as I expected, but the atmosphere was electric, I've rarely been to a concert with such an exciting hum in the air. If you missed them this time, you'll be paying a lot more next time around.

Chris Watts

RUGBY REPORT

LONDON HOSPITAL vs ICRFC 1sts: 14-3

The quarterfinals of the Gutteridge Cup saw ICRFC 1sts taking on the might of London Hospital. Hopes of repeating the Cup final victory of two seasons ago were high, but London proved to be the stronger side and won a hard, tight game by a score of 14-3.

Imperial started strongly and dominated the first quarter. They took the lead with a penalty goal, but a breakaway try for London gave the home side a lead of 6-3 at half-time.

The second half saw London increase the score with two further tries and although Imperial battled hard in the closing minutes they did not succeed in crossing their opponent's line.

However, the IC team played well and this was satisfying after a recent series of disappointing losses. Team verdict after the game was that IC had lost to a good side and so everybody retired to the bar to drown their sorrows and celebrate somebody's birthday! Thanks must go to John Dyson who kindly played a scrum half and who proceeded to give a fine, all-round display.

Team: S Gunn, R Davies, J Mauzoui, A Warby, R Smart, P Goring, S Townsend, J Austin, J Dyson, E Budgen, P Dunleary, J Chandler, W Burgoyne, R Parkinson, and D Pullen. Reserves: A Loraüs, D Lilley and B Thomas.

Robin Davies

IMPERIAL COLLEGE 6th XI vs SOAS 2nd XI: 6-1

The afternoon of 21 November saw history being made in the fog-bound environs of Greenford. That memorable afternoon saw IC 6ths clinch their first win in living memory. After a disappointing result in the cup the previous Saturday and as a result of four changes in the team IC cruised to a 6-1 victory over SOAS 2nds. Any doubts resulting from travel fatigue and the anomalous behaviour of the chocolate machine in North Acton were promptly dispelled as IC won the toss.

Within sixty seconds IC were in the lead, a perfect cross from Daniel Wolfson on the right found the head of a SOAS defender who neatly flicked the ball past his goalkeeper and into the net. Spurred on by the remarkably unprecedented event of being in the lead, Wolfson added two more superb goals to IC's tally after some skilful runs down the left by Gary Slater and Neil Muttock. With the threat of having to buy a round if he scored again, Wolfson decided not to score any more, although he did hit the cross-bar.

A period of frustration followed which saw SOAS have some near misses. They would have scored had it not been for the determined tackling of IC defence consisted of Sola, Bradley, Davies and Tinkler. A dangerous moment came when SOAS won a free kick just outside the penalty area and a certain goal was prevented when George Adach headed the SOAS striker instead of the ball.

The game sprang back into life with the ball breaking from defence to Ken Baldwin on the right. He went past three defenders and with only the keeper to beat he hit the post but managed to control the awkward rebound and this time made no mistake. A few minutes later in a near identical Baldwin scored again.

SPORTS



TABLE TENNIS

IC 2 vs BSC 2 (AWAY): 2-7

This must be the most nauseating result the 2nds have managed this year. A defeat by a team from a division lower than themselves. Again Andy 'Tye-ered of life' suffered three ignominious thrashings (I'll supply the razor blades), Phil (Well he lost too!) Walker was about as much good as a muscle-bound clam, and Bob Edde just escapes my worst sarcasm (only because he's foreign and I'm not racist, bwanal!).

However, IC 4 vs TEXACO 2 was another bucket of shit. We all played like a gas (and Texaco cracked like an egg-SHELL), to win 9-0. ESSO-specially good was Phallic Sly-won (even though blind in two eyes) and we can all look forward to having our next round match sometime during the Christmas holidays.

The thirds, lead by Stiff Jeans (put it away Jeff!), had a buy, and so too did Sheik Singalonga-bedy-by-rajah's team the (f) worsts.

Nastier than usual,
Lord Peter Whimsical

SOAS pulled one back just before half-time to make the score 5-1. The second half saw IC in some messy moves ending in long range shots which had no hope of going in. The fog gradually began to come down and in one of the better moves George Adach received the ball from Nigel Audin just outside the penalty area and the swerving ball was too much for the keeper to hold and IC were 6-1 up. (In my unbiased opinion this was the finest goal of the game - ego trip!).

Towards the end the fog was so bad that the goalposts were just visible from the halfway line. The SOAS captain - a true sportsman in the face of defeat - agreed to play to the end.

I would like to thank Paul Archer, the substitute who cheered on from the touchline although he couldn't see anything. To all our loyal supporters like Zap and Marek who couldn't get tickets for the match but assure me were there in spirit, I hope this report makes up for their disappointment.

The team was: Rynbeek, Tinkler, Bradley, Sola, Davies, Audin, Adach (Capt), Muttock, Baldwin, Wolfson and Slater.

George Adach

THE HAMSOC BIT(S)

Right, let's try again! If you are (not surprisingly) uncertain about what the title means, taking it left to right: **THE** self explanatory **HAMSOC** the high-powered non-harmonic soon-no-longer-3kHz-off-channel we-also-walk-dogs Amateur Radio Society of Imperial College **BITS** elementary 'particles' of information. In other words, this is an article by your local, worldwide radio station, some HAMSOC members being qualified to operate radio transmitters, and thus talk to people all over the world, which in my typical roundabout, lop-sided manner, brings me to my first point.

Please will anyone wanting to take the Radio Amateur's examination next May write to me care of the physics undergraduate letter rack, or just collar me some time. We are going to run classes for the May RAE next term, and so I would like to know who will definitely be taking the exam and who will just be coming to the classes. We are also considering giving out printed notes, so if you could indicate whether you would pay, say 50p for these, I would be grateful. Incidentally, don't forget that the morse classes are still running: Elec Eng 1207 at 1:00pm every Wednesday. Anyway, for those not familiar with HAMSOC, this is what we do:

So far this term, we have had several outings, from a trip to Leicester, to a radio-controlled pub-crawl, and also, several talks, the most popular being a stimulating lecture by Professor Laithwaite, which was much appreciated.

As to forthcoming activities, in the remainder of this term we have a talk by Mr Harry, from the Home Office on Interference Problems and we will probably have either a 'fox hunt' or 'treasure hunt' on Wimbledon Common. Since it is possible to succeed in

ventures like this without a transmitter, obviously unlicensed members will be able to participate fully.

Other thrills we have lined up include constructional projects which we are trying to raise funds for. One of these, stemming out of the Microwaves talk, is to build a pair of 10 GHz transceivers. Will all the people who have said they are interested (and those that haven't, who are) please get in touch with Frank Rowsell, Elec Eng 1.

Also, anyone interested in getting some sort of RTTY set-up going (particularly anyone who knows anything at all about it) please get hold of me.

Next term's arrangements are still a little nebulous as far as talks etc go but I can say that the RAE classes are a certainty (provided somebody is interested!) and one definite talk will be Dr Bignell on Satellite Communications. We are also trying to organise a rather novel visit (ever wonder how they're (!!) electronically tested?).

Finally, come on girls, where are you? There isn't a micro-gram of male chauvanism in HAMSOC you know, is it just the brand of deodorant I'm using? Anyway, if you're interested in us, why not come up and see us one Wednesday afternoon? You'll find us in a wooden hut on the roof of Elec Eng, so if HAMSOC appeals to you, or you just want to know what sort of pratt writes articles like this, I'll see you up there on Wednesday!

J Savage

Campaign Against Blood Sport please note: A 'fox hunt' is a sort of direction finding contest, sort of radio-controlled orienteering.

IMPERIAL COLLEGE BILLIARDS AND SNOOKER CLUB

On Wednesday last, the immortal C team worked over the infamous and unfamous B team. Evading the homosexual advances of the B team captain and his jolly crew of nice boys, we advanced to our corners, refusing bluntly to spank them, so the game started. The frothing Leclezio, rubbed his thigh in anger at seeing we'd switched our order and put our best player Dave 'we'll fight them on the beaches' Nuttall. The game heated up when Alice 'show us your legs' Cameron was ordered to be evicted by Leclezio only to see Leclezio later sporting a gigantic shiner on his right eye (don't mention Iran Soc). Nuttall lost, so he has to spend a throbbing night with our team 'goer' Alex Cameron (Physics 3) - YOU can book a night with him as well.

Next, those two beer chums, Curtis (C team) and Calvert played and needless to say, Calvert lost (for a change) playing like a wet copy of the Daily Star (or seeming to play with one). Well, I played next and needless to say, since I'm wonderful, brilliant, gorgeous, superb, exquisite, slick AND Welsh, I won. Maybe it's something to do with the fact that my opponent, Mr Jeans, was suffering from delusions of heterosexuality which were totally out of character with the bloke.

Damian 'asthematic hobgoblin' Kelly was on for us against the wormy diarrhoea extract, Tomsy who just can't win games of snooker to save his life. I don't like punishing him like this because he is sensitive but why, oh why God, did you produce such a weak sickly snooker player of this calibre, I mean he played like a chewed up foetus and fully

deserves these tickings off - so no more bleeding subservient grovelling towards me please, Mr McLelland for mercy. This means that the score was a 3-1 win to the C team and a as a formality our weak link Alex (vital statistics 24-36-24-11/2) Cameron played that dark, silent 'Valentino with glasses' figure Andy 'Iron Curtain' Kresewski. Alice played like an albino penguin sunbathing and flipped his lid and lost owing to political jostling from Ayatolah Leclezio who accused him of spying and forthwith received a black eye (see earlier). So the final result was 3-2 to the C team, who are still top of the league. (I've got them well under control now, since I've had training in zookeeping).

TEAMS

B Team: A Mazio, T Repellant, S Jones (Capt), C Cavity, and A ?.

C Team: A Cameroons, G Brilliant-Wonderful, D Smelly, G Shitartus and D Fuckall.

The A team played LSE B (or was it with themselves - who can tell). Amid an air of severe tension owing to the fact that their two star players (and only decent players) dropped out to go to the England match (must have foggy minds), Pressy Tea urn, impersonating a punka wallah, put his foot down and demanded that they would win even though the team was worse than the spastics shot putting team. First on was Dave 'our man in Hong Kong, China, Japan and any other slanty-eyed country' Crossland

who showed his diplomatic touch by castrating his opponent who didn't see any balls and was annihilated like a kilo of napalm inside a Russian labour camp.

Next to the sickly coloured cloth was happy boy Proudlove, our IF correspondent, whose lumpy performance provided as much entertainment to the crowd as seeing the pope's body lying in state. He was the victor sylvestor of the A team who were 2-0 up. On to the bowling green came Mr Teurn himself thinking he could play snooker which is about the same as thinking he was a British citizen (joke). He played with as much control as a hedgehog in a nudist camp and was thoroughly massacred like a Rhodesian commoner.

Sean off Armstrong was on next. It has been hinted that this person does not look like a toothless leprechaun. The person who said that must be married to a pinnocchio-nosed bag of flies. What a chronic performance he put up. A deaf bat was more use to the team and would have certainly had more chance of scoring (in both senses of the word). Last to play was one of Harvey Smith's horse Sanyo music centre whose links with chairmen Mao have been compared with Margaret Thatcher's connections with Gaysoc (re considerable). His yellow streak didn't show and he kung fued his way to a dramatic 'bull in a chinashop' win.

Team: D Pissland, M Randilover, S Teurn (capt), S Barmpot and S Yuwho.

Grandpa

TENPIN BOWLING

As outlined in last week's report, the Club's opening match promised a good season. Saturday's home match against Southampton bore out this confidence. Ron Johnson of Kingston Poly, but bowling for us, led the firsts to an easy 200 pin 4-0 win, with a fine 608 series; while the ladies in winning 4-0 achieved their first victory in at least four years.

Meanwhile the seconds had cruised to a healthy 2-0 lead, almost let it slip, but held on for a 3-1 win. So everything looked set for a 100% result: the thirds had rallied well to go into the final game level, and a total 10-0 result seemed possible. It was not to be: Roy of the Rovers, or his bowling equivalent, is not to be found in the IC thirds and a disappointing collapse led to a 3-1 defeat and an overall 8-2 victory.

Nevertheless, this was our first victory over Southampton in recent years and gave the team confidence for Sunday's match at Brunel.

TEAMS

Firsts: Ron Johnson, John Knight, Brian MacGowan, Danny Lau and Tubby Woo.
Seconds: Joe Wong, Tim Hillyer, Lawrence Poon, Robert Cheung and Joe Ng.
Thirds: Paul Jeynes, Ray Cook, Stuart Cox, Thomas Wong and Nigel Heath.
Ladies: Della Wong, Marie Cheong, Merhala Thurai, Ruby Wong and Lousia Lau.

Eventually, everyone got to the Airport Bowl on Sunday, for the lunchtime match, only to find the roll-off delayed by half-an-hour. The firsts again won, although only on the last ball of the day. Danny Lau bowled at

10 pins, needing two to win and got a solid 8 to give a 3-1 win. Likewise the seconds scraped a win, having surprised themselves by drawing level at 1-1 and then surprising Brunel by producing a good 806 team game, to produce a 3-1 result. Disappointingly, the thirds and ladies found the Brunel teams too strong on their home lanes and were probably also tired from the match on Saturday. Both teams slumped 4-0.

The overall result was a 6-4 defeat, the best we have done against Brunel. A win would have given us a chance of topping the South-East Division, if assuming a good victory in the remaining match. However, it was another good result. We now have an excellent team and are now beginning to get the results. Barring any more auto-electrical mishaps, this should continue.

TEAMS

Firsts: Ron Johnson, John Knight, Brian MacGowan, Joe Ng and Danny Lau.
Seconds: Thomas Wong, Tim Hillyer, Neil Hunt, Albert Yue and Robert Cheung.
Thirds: Paul Jeynes, Ray Cook, Lawrence Poon, Nigel Heath and Nigel Windsor.

Ladies: Della Wong, Marie Cheong, Merhala Thurai, Ruby Wong and Lousia Lau.

There will be league bowling next Wednesday as usual. The minibus leaves from Aero (opposite Beit Arch) at 2-30 prompt. Many thanks to everyone who played last weekend, especially those who push-started my car.

Cheers,
Tim.

FOOTBALL

IC 6ths GET FA IN CUP

IC 6ths vs Charing Cross 3rds: 1-5

IC 6ths biggest chance for fame and glory yet came in this 2nd round cup match. After sailing through the first round IC started well and after ten minutes had not only achieved their target of not conceding a goal but had also created a few scoring opportunities. Then, with IC playing their best football of the season and very much against the run of play, the opposition scored. This quirk of fate was accepted in a similar philosophical manner as the previous 28 have been this season and despite continuing pressure IC found themselves 1-0 down at half-time.

During the interval IC sportingly offered Charing Cross the oranges first and were rewarded for this gesture by being left the smallest orange segments. As a direct result of this lack of refreshment IC found themselves 3-0 down shortly after the restart. Again, IC came forward but soon found themselves 4-0 down (sorry about that lads!). This goal seemed to add more zest to IC's already building attack and soon they won a free kick just outside the area. George Adach's pin-pointed kick found Dave (could I just say this is the first time I've appeared in FELIX?) Bradley rising above the defence to nod the ball past the keepers despairing dive. From then on IC pulled all the stops out and came close many times before allowing Charing Cross a consolation goal just before the end.

Team: Names not given to avoid prosecution.

D Tinkler

EDITORIAL

Many people have sworn at me, publicly criticised and generally complained about the style of FELIX. At last Tuesday's UGM and in the Liberal Newspaper comments were made which were personal attacks on me. I am aware that FELIX is nowhere near perfect and I welcome constructive criticism and advice but I wish that personality clashes could be kept out of the FELIX discussion.

Imperial is heading towards the 1980's with its mind focussed on the cuts that are inevitable. At the moment their true nature is

unrealised by the majority of people.

In next weeks 30th Anniversary FELIX we shall not only look back over the last years but we shall also try to predict the results of the present schemes to save money.

Bicycles:

Roger has asked me to correct his article of last week where he wrote that Bikes are insured by the Union if you live in College residence and that the Bike is kept on College premises. Bikes are in fact **NOT** insured. The answer is to secure your Bike as best you can, but Jeremy Nunns, had his Bike stolen despite the fact that it was padlocked with a strong steel chain. I am aware of the gangs that operate in this area and I have challenged a Spanish gentleman who was over-interested in the Bikes outside Mech. Eng. He explained that he was interested in purchasing a Bike for a friend in Spain. Watch out for Bike thieves and if you notice anything suspicious contact College Security.

Credits:

Are due to Margaret Ramsey, Jeremy Nunns, Paul Williams, Austin Reeve and Mary Freeman among others especially the collating team that miraculously emerges at my time of greatest need when my energy is almost exhausted. Don't forget the 30th Anniversary FELIX dinner on the 7th December to which everyone is welcome; see FELIX Office or posters for further details. My thanks also to Lars Wernberg-Moller for his work with the FELIX SOCIETY which is now providing valuable contributions, advice and feedback. The next meeting is on Monday at 12:45 in the FELIX Office and anyone interested in FELIX is urged to attend.

Finally a big thank-you to Ian and Maz for not only producing FELIX but for giving advice and support during a period of trials and tribulations, coupled with a general cutback in my sleeping quota.

Colin Palmer (FELIX Editor)

WHAT'S ON

FRIDAY 30 NOVEMBER

COMMUNIST PARTY BOOKSTALL in JCR between 12:30 and 1:30pm. Marxist and radical books will be available.

GENERAL MEETING in the ICWA Lounge at 1:00pm.

IMPERIAL COLLEGE CHRISTIAN UNION in the Music Room, 53 Princes Gate at 6:30pm.

DISCUSSION ON THE CHEMICAL ASPECTS OF FARMING AND FOOD PRODUCTION in Physics LT1 at 7:00pm.

DISCO AND GIG WITH BROTHERS K at 8:30pm in the Union Building. Tickets on sale at ICU Office priced 75p.

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

OPEN MEETING ON EDUCATION CUTS in Mech Eng 664 at 12:45.

SATURDAY 1 DECEMBER

ADVENTURE PLAYGROUND FUN DAY. Meet at 10:30am at Beit Archway.

ICWA DISCO WITH THE MIXDIX at 7:00pm in the Union Lower Refectory. Admission 50p in advance or 75p on the night.

SUNDAY 2 DECEMBER

ADVENTURE PLAYGROUND FUN DAY2. Meet at Beit Archway at 10:30am.

MONDAY 3 DECEMBER

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

MIN & MET SOC presents a lecture by Professors Cohen and Brown on their impressions of the Chinese mineral industries in MLT at 6:00pm.

OPEN DISCUSSION ON LONDON'S FUTURE TRANSPORT POLICY in Physics LT1 at 7:00pm.

SOUTH OF THE BORDER at Bedford College Jazz Club at 8:30pm in their Union Common Room. Admission 75p and SU cards are required.

TUESDAY 4 DECEMBER

STOIC TRANSMISSION WITH GLENDA JACKSON at 1:00pm.

RIDING CLUB meet in Room 1110 (level 11) Elec Eng between 1:00 and 2:00pm to book rides and discuss club activities.

MOPSOC LECTURE on Rational Myths Of Modern Physics by Mr J E Colbeck (Goldsmiths) at 1:15 in Physics LT3.

WIND BAND CONCERT at 1:00pm at Queens Tower. Free.

DEBATE ON WHAT TO CONSERVE at 1:00pm in Mech Eng 220.

LOVE AND DEATH and THE BIG SHAVE at 5:30 and 8:00pm in Bedford College Tuke 97. Admission 25p and 30p. Please ring 935-5867 to check availability.

JOINT MEETING OF SCIENCE FOR PEOPLE AND COMMUNIST SOCIETY with Dr Leo Pyle speaking on The Third World And The Environment at 7:00pm in Maths 341.

SF CLUB FILM: PROJECT X at 7:00pm in Huxley 213. Admission 20p to non-members.

ASSOCIATED STUDIES PRESENT:

1. A lecture on Eastern Africa: A Potential For Small Expeditions by Dr David Phillipson in the Read Theatre, Sherfield Building at 1:30pm.

2. A lecture on Darwinism and Materialism by Professor A Rupert Hall in the Pippard Theatre, Sherfield Building at 1:30pm.

WEDNESDAY 5 DECEMBER

ENVIRONMENTAL FAIR at 1:00pm in JCR.

HAMSOC TALK by Mr Harry from the Home Office on Interference at 2:30pm in Elec Eng 508. Admission 10p to non-Hamsoc members.

DEBATE ON INDUSTRY AND THE ENVIRONMENT chaired by Prof Sutton at 7:00pm in JCR.

INDUSTRIAL SOCIETY presentation by Unilever on The Role Of The Accountant In A Multinational Organisation in Bot Zoo Common Room. Free.

THE DEVILS in the Union Concert Hall at 7:30pm. Tickets £1.00.

WORKSHOP ON THE ENVIRONMENT in JCR at 8:30pm.

IC BIG BAND live in Stans at 8:30pm. Free.

THURSDAY 6 DECEMBER

NEWS-BREAK, STOIC TRANSMISSION at 1:00pm and 6:00pm.

AN ENERGY FUTURE FOR BRITAIN at 1:15pm in Mech Eng 220 with Lord Flowers,

Dr David Owen, Sir Derek Ezra, Nigel Forman MP, Lord Tanlow and Michael Robson.

THE DEVILS in the Union Concert Hall at 7:30pm. Tickets £1.00.

GLIDING CLUB MEETING at 5:30pm in Aero 254.

RECREATIONAL CLUBS COMMITTEE GENERAL MEETING at 6:00pm in ICWA Lounge. All RCC Chairmen please attend.

ENTS FILM: THE ADVENTURE OF BARRY MCKENZIE at 6:30pm in ME 220. Price 30p.

BEDFORD COLLEGE FOLK CLUB CHRISTMAS PARTY with Adrian May singing, playing guitar and ukelele in the Oliver Bar at 8:30pm. Admission 80p and SU cards are required.

ASSOCIATED STUDIES PRESENT:

1. Film: Victoria, Queen And Empress at 1:15pm in the Great Hall.

2. Lunch-hour Concert with the Koenig Piano And Wind Ensemble in the Music Room, 53 Prince's Gate.

FRIDAY 7 DECEMBER

THE DEVILS in the Union Concert Hall at 7:30pm. Tickets £1.00.

BEDFORD COLLEGE CHRISTMAS BALL at 8:00pm in their Union Common Room. Tickets priced £3.30 from Ken Strachan, Mech Eng 2.

SATURDAY 8 DECEMBER

LAST NIGHT OF THE DEVILS in the Union Concert Hall. Tickets £1.00.

TUESDAY 11 DECEMBER

FREE GIG with Blank Space, the Beat and the Androids of MU in the Union Concert Hall at 7:30pm.

SP CLUB FILM: BARBARELLA in Huxley 213 at 7:00pm. Admission to non-members: 20p.