



FELIX

The Newspaper Of Imperial College Union

Founded 1949

Big Bang

A large part of Imperial College was evacuated on Wednesday when a suspicious brief case was discovered in the Mines building.

The case was found at 11.55 am in the old Security Lodge by messenger Harry Bhat. Security Chief Geoff Reeves was called in to examine the case with an electronic 'sniffer'. The device clicked rapidly suggesting that the case may contain explosive. By 12.03 thirty local Police and the Bomb Squad had arrived and the Mines, Electrical Engineering, Civil Engineering and Mechanical Engineering buildings were evacuated. A Policeman outside Mechanical Engineering told FELIX reporters that 'steps taken by the Police would ensure that there would be no danger if the bomb exploded'.

A Police explosives expert X-rayed the case before opening it. It was later discovered to belong to Mining student Mark Cox who had left the case there, for safe keeping when he went to dinner.



Vivisection Motion Passed

The University of London Student Union (ULU) has launched a campaign against vivisection in universities, following their General Union Council (GUC) meeting on Tuesday. The motion received unanimous support, and the Union will now take steps to ensure that students are not pressurised into carrying out dissections, particularly on live animals.

The council is concerned that many experiments are either unnecessary or are used to demonstrate known fact. They point out that the computer models and video equipment, such as Bradford University's Videograph, are cheaper and more effective than animal experimentation.

A Students' Charter, originally drafted by Leeds University, is being adopted by a number of student unions in an attempt to ensure that students are not disciplined for

refusing to experiment on animals. In the past students have been penalised, and in some cases refused their degrees, for exercising rights of conscience. It is hoped that the move will achieve a huge reduction in the number of animal experiments performed in London's colleges.

The GUC agreed to oppose a proposed fifty per cent cut in funding for London's central university, and condemned the support given by the Committee of Vice Chancellors and Principals (CVCP) for student loans, on the grounds that they would prejudice students from low income brackets.

The Public Order Bill, currently under discussion in the House of Lords, was criticised as being a breach of democratic freedom. The Bill, which is also being opposed by the National Council for Civil Liberties, gives the Police the power

to stop any march which is considered to be a 'serious disruption of the life of the community'.

Also criticised was the Government's plan to include a freedom of speech clause in the Education Bill. The council felt that this would jeopardise student unions' 'no platform' policies and would affect their rights to represent the views of a great deal of their members.

Support was given for the London Child Care Campaign, which aims to improve the creche facilities in the University of London (see FELIX 750). Finally, it was decided that the 5000 print workers sacked by Rupert Murdoch in January should be given moral support. ULU will now urge its constituent universities not to buy The Sun, News of the World, The Times and Sunday Times.

New Flats For Married Students

The College has begun a programme to build eight new flats for married students. Four new flats have been in use since the beginning of term; one in 14 Princes Gardens, one over the College shop, and two on the lower gallery of Southside. Three more are under construction and should be ready by the end of the year. The funding for the flats is coming mostly from a central College fund, which was set up to deal with the problem of lack of accommodation for married students. The rest of the money is being provided to cure maintenance problems. There are plans to build another flat in 8 Princes Gardens, which will be ready by summer next year.

Felix

Careers Fair

Many students, particularly finalists, will have attended their Careers Fair earlier this week. This year the event was held over two days, and the number of companies attending considerably increased. It was a story of "more of the same", however; the additional companies were recruiting for the same sort of vacancies. To look at the jobs on offer this week, and that is all that a large number of students are going to do, there is a very limited range of careers receiving any publicity.

A "small group of students" organised a leaflet appeal asking students to consider the implications of a career with military connections. At one stage they were asked to leave the fair by representatives of the Industrial Society. The paper publicity may not have carried the name of any ICU Society, but I for one would like to be associated with its sentiments. Too many IC students

still follow the particularly moronic practise of picking the career which fits the salary they would like to aim for. This view may seem facile, but I have seen too many friends drifting into accountancy jobs after three years of being bled of all imagination and enthusiasm. This week's protest was an attempt to make those hoping to continue in Science and Engineering think a little more fully through the consequences of a decision which they may have to live with until the grave. IC may never have been full of idealistic students obsessed with pacifist philosophies, but I find the mentality of some of the occupants of this "centre of excellence" very disturbing.

Another Apology

Several members of FELIX staff have pointed out to me that I am frequently abusive to students who wish to use the office facilities. Though I am

never at my most pleasant on Wednesdays and Thursdays, I appreciate that my rather pushy behaviour can be taken the wrong way, and I sincerely apologise if I have offended anyone.

Credits

Thanks to the following for their help and support; Mark Cottle, particularly for coordinating the Human Rights Week section, Bill Goodwin, Chris Edwards, Judith Hackney, Pippa Salmon, Chris Martin, Kamala Sen, Nigel Whitfield, Mole, David Williams, Liz Holford, Simon Lewis, Jim Clayden, David Burns, Jane Spiegel, Jane Bowie, Prof Ash, Mrs Ash, Grenville Manuel, Steve Nuttall, Rose Atkins, Laura Dain Tony Spencer, David Rowe, Christine Taig, Jackie Peirce and David Colley.

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Security Problem

Dear Editor,

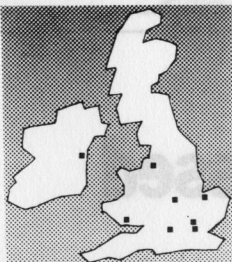
Following the rape in Hamlet Gardens almost a fortnight ago, the Landlord of Hamlet Gardens, Estate Department, etc., made promises to increase the security of the blocks there. As far as I, and other residents, can see no improvements whatsoever have been made. Perhaps all the involved parties are hoping that all the fuss will blowover, despite the fact that, apart from the rape, there was a break-in in one of the flats in the same week of the attack. Do we have to wait until an even worse crime is committed, possibly against one of the student residents, until improvements in security are eventually made?

Liz Holford

Spaces in shared rooms now available. Call into Student Services for details

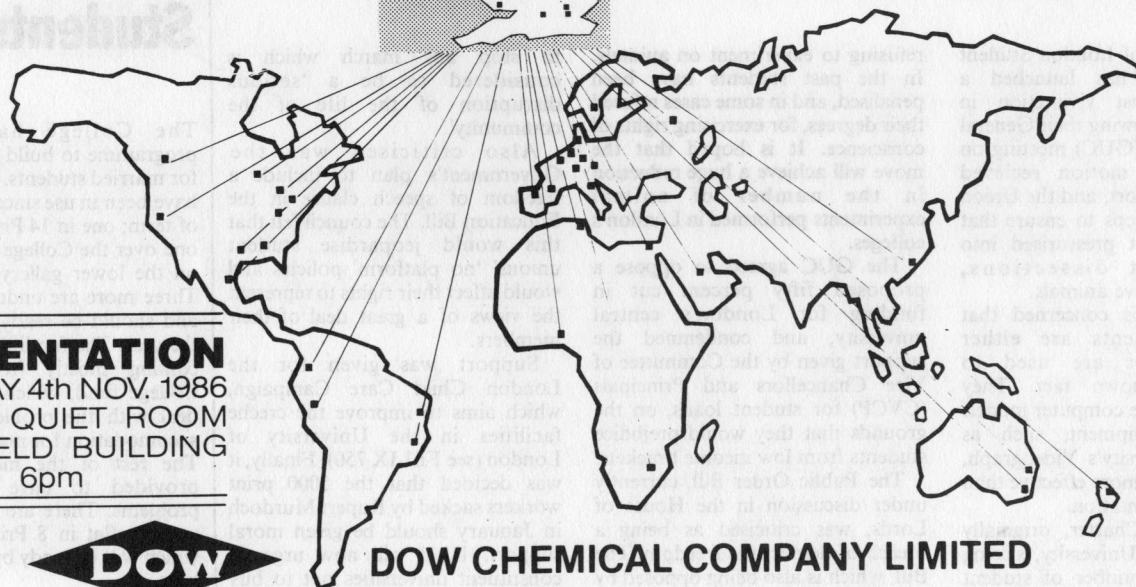
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PRESENTATION
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6pm



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Nothing to Sherfield Declare Crime Wave

The cycle path on the Fulham Road is to be removed by the Royal Borough of Kensington and Chelsea at a cost of £5,000. The Council's Traffic Section told FELIX that the road which is used by many IC cyclists, is too narrow to accommodate all the lanes needed and that the cyclists hamper other traffic. This claim was completely dismissed by Friends of the Earth and the London Cycling Campaign, who said that a report by the Council's own officers had recommended retention of the path after the end of the experimental period. Both groups suggested that the decision was due to Nicholas Freeman, leader of the Council, having a dislike of cyclists.

Union President Christine Taig said "of course they should bloody leave the cycle path there, and they should put them everywhere else as well."

On Wednesday the 10.30 am third year computer science lecture passed without event. The lecture, part of a course in Declarative Programming, given by Professor John Darlington, a leading researcher in the field of parallel computing, was attended by almost all of the students taking the option. A spokesperson for the third year students in the Department of Computing said he was very happy with the way the lecture went, and its smooth running was typical of Professor Darlington's approach. Professor Darlington obviously took the whole thing in his stride, and told FELIX that the lecture, which is compulsory for students taking the four year Software Engineering course, was as he expected and that he "could not see what all the fuss is about". Students in the Department of Computing are looking forward to Monday's 4.30 pm. Declarative Programming Tutorial.

Psycho Path

Electronic locks in Southside are due to be put in to operation in two weeks time. Their introduction forms part of a package designed by Geoff Reeves, Chief of Security, to prevent mysterious intruder's gaining access to the halls. Each resident has been issued with a magnetic card to allow entrance to the East and West doors. Security plans to change the magnetic code on the cards every two to three years.

At the same time as introducing the new locks, security will staff the eastern lodge near the RCS office and the central lodge. The door next to the refectory has been fitted with a new lock and can be opened by residents only, after six o'clock. Mr Reeves said that he was considering staffing the western lodge, but wanted the new arrangements to be fully operational before doing so.

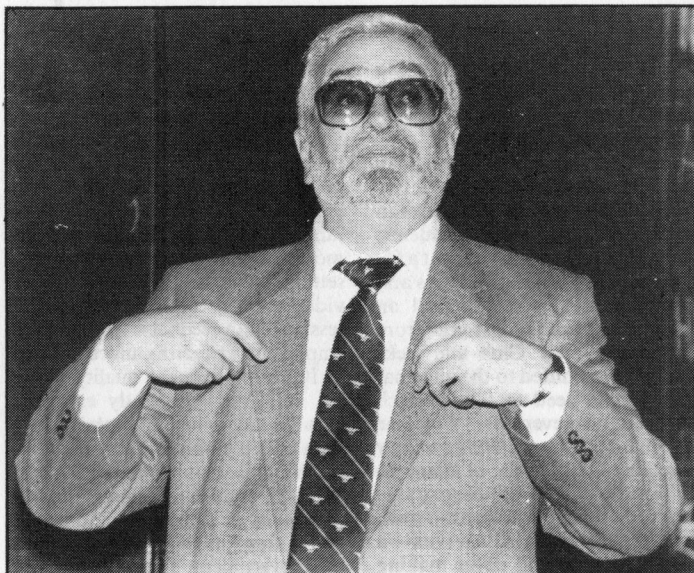
Electronic Locks In Southside

A cheque book and cheque cards were stolen from room 422 of the Sherfield Building last Friday. Also taken were some personal effects including a diary and address book. The theft was discovered at about 7 pm.

Earlier in the evening, an intruder was seen in the building. He was described as about 6 feet tall, coloured and with a gold tooth. Sherfield Security searched the building, but were unable to find the man. Police have requested that students and staff should not approach this man, who is believed to be dangerous.

Mr. Tyc has appealed for the return of his personal belongings, either to room 422 or to FELIX.

Potty Time Again



On Monday evening Michael Bentine gave his annual lecture for Wellsoc about the paranormal. Despite a late start due to traffic jams delaying Mr. Bentine, the talk went well with the audience obviously enjoying his anecdotes of past experiences both paranormal

and normal. Mr. Bentine stressed the importance of objectivity and open-mindedness in investigating paranormal phenomena, but also emphasised the need for imagination in science.

Mr. Bentine has recently agreed to become the President of Wellsoc.

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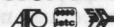
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Welcome Workshop

I feel lucky to be surrounded by so many talented, lively people. As Rector's wife, one has a rare opportunity to Invent-A-Job.

I lie. There was an inherited post: heading up the Women's Club. It is one of the few vertical structures in the College, embracing academic and administrative staff, postgraduate students, all wives and undergraduate associates. Still an infant, it was formed last year from the former Wives' Club and seeks members committed to the idea that more people need to talk to each other. Our next event is a "Welcome Workshop" on Wednesday November 12th from 11.00am to 3.30pm at 170 Queensgate. Designed for new arrivals—staff, postgraduates and wives—a morning session will cover making the most out of living in London, how to get involved quickly in local life, finding a suitable roof, dentist, school.....After lunch, workshops led by postgraduates will swap ideas on ways to live on a shoestring—but vibrantly. Our aim is that everyone will do a lot of talking in small groups and go away with at least one phone number of a potential friend. We hope to encourage people to do further research so that we may break into print to produce our own Tried and Tested Guide to Life in South Kensington before next year. The committee is providing a lot of home cooking for the lunch, so if you're new, do come.

Our next big event will be a children's fair, with games devised by IC wizards to use science in the pursuit of fun. It can only work with all that imagination, innovation, wit and skill that staff, students and technicians share, so do start scheming and dreaming up games now.

In the summer, July 12th to be exact, we are joining forces with the Royal College of Art to help celebrate a 150th anniversary. Hand in hand with our eminent and exciting neighbours—all the Museums, the Royal College of Music, Organists, the Royal Festival Ballet, the French Institute, the Goethe Institute, the Royal Geographical Society and the Albert Hall, we shall host a fabulous party. Did anyone every say IC was a dull monotech?

The Women's Club is also interested in improving the communal areas in student houses, in supporting the nursery and in creating a club centre somewhere in college where people can drop in to offer ideas, help, problems and be sure of a coffee and no VDU's. Come join us. We need you.

Thus endeth the commercial. As I

said, my own role has yet to be invented. It starts by listening, then bubbling away on the back burner. Some elements in the Brew may be: encouraging all endeavours in the arts, making 170 a centre for an extended IC and "Albertland" family, making industrial employers more aware of student expectations, setting up with the Careers Office video mock interview practice sessions with feedback from invited employers, attracting more women to IC to improve the quality of life for everyone. On really energetic days I'd like to help raise the money for a purpose-built nursery and for a faculty club that would be a place for staff, alumni and postgraduates to use as a clubhouse and invite guests from industry, the City and the Government. The brilliance and the talent at IC is indisputable; yet a stir or two might not be amiss.

Clare Ash

Women's Consciousness



WIST (WOMEN IN SCIENCE AND TECHNOLOGY) is a society run by women students for women students. We are primarily a social group, although we are and always have been ardent campaigners for women's rights. You may have heard a lot about us already—some of it true, a lot of it not. We like to think of ourselves as a group that can encourage women's consciousness among all students. We can offer mutual support and a refuge from our male dominated environment. So come along to the common room with a difference—The Senior Common Room (above the Snack Bar) every Tuesday at 12.30, and meet with us to make use of the friendship and support that we can offer each other.

JANE BOWIE
PRESIDENT WIST

Williams and WIST

Mrs Shirley Williams, the President of the SDP, addressed a meeting of Women in Science and Technology (WIST) on Tuesday. The main theme of her talk was the changing role of women in society, and in particular the role that she saw for women in scientific subjects. Mrs Williams felt that it was up to women to raise questions about the impact of science upon society. She cited examples of 'prestige' projects in Third World countries where, for example, huge hydro-electric schemes are created, with a consequent loss and erosion of land needed to produce food, and warned that "We cannot afford scientifically illiterate students of humanities and humanistically illiterate students of science".

On the subject of women as leaders, Mrs Williams noted that successful women leaders have had many of the same qualities as men in the same positions—toughness, ruthlessness, logic and aggression—and proclaimed that "women can be just as good as men are." Although she admitted that women in power often had masculine qualities, Mrs Williams suggested that a gentler, feminine approach to problems would produce better results in the long term and gave as an example the manner in which Germany was treated after the Second World War,

contrasting it, with the treatment after the First, and the subsequent rise of Hitler. Still on the subject of women in positions of power, Mrs Williams did not feel that segregation, for example by the creation of a Women's Minister, would help. Rather, this would lead to patronisation and help to keep women out of key positions. It would, she suggested, be far better to enforce equality by a system of monitoring to ensure fair practice, or the imposition of Contract Compliance, whereby a company cannot win a contract unless it proves that it treats everyone equally.

Asked by FELIX if she thought that the lack of women in science and technology was due to the standard of teaching and the shortage of science teachers, she replied that teachers were ludicrously badly paid, and that a 10% pay increase in real terms, together with conversion courses, was needed to attract people back in to teaching. Though she felt that co-education was in principle a good thing, Mrs Williams expressed the view that it also reduced the number of women taking science subjects, as they were encouraged towards the more 'traditional' areas. She also felt that the creation of the new Technical Colleges would empty the

schools of scientists and make the problem worse.

FELIX asked Mrs Williams for her opinion of the new Unemployment Benefit questionnaire, which may disqualify those, such as students, who are unable to travel to find work. She asserted that this was "An attempt to reduce the number of unemployed before the next election" and said that the SDP would provide a 'basic benefit' for students studying after the age of 16, with removal of fees for part time students.

Questioned about the possibility of student loans, Mrs Williams stated that the SDP believed them to be necessary only in the case where the parental contribution is not made, and that they would have to be provided at low interest rates. The SDP has, she said, no plans to replace grants by loans, and would like to remove the need for a parental contribution, though she admitted that this could not be done very quickly. The first priority of Mrs Williams' party is to increase all higher education by 50%, giving equal emphasis to both humanities and science, rather than boosting science at the expense of humanities.

Nigel Whitfield

McKinsey & Company, Inc

McKinsey is the world's pre-eminent management consulting firm, advising major companies on their strategies, mergers and acquisitions, operations and organization. The Firm has 36 offices worldwide, employs over 1,000 consultants and is owned entirely by its partners.

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The men and women we hire will have an excellent academic record and will be able to demonstrate leadership and wide ranging interests.

We shall be making a presentation to all who are interested in a career with us in

**Room 208, Civil Engineering Department
Imperial College**

at 6p.m. on Wednesday November 12, 1986

We shall be interviewing for Business Analyst positions during January. If you would like to be interviewed, please write to Orna Ni-Chionna, McKinsey & Company, Inc., 74 St James's Street, London SW1A 1PS, enclosing a completed copy of the standard Careers Service application form. The closing date for applications will be December 23, 1986

South Africa and Peace

UGM'S AND UNION POLICY

At Tuesday's UGM, the 'Barclays Bank' motion will surface once more. Many people complain that "external" issues like boycotting institutions with South African interests, or, for instance, supporting the Peace Movement, are irrelevant to the student body and should be left out of UGM'S. I disagree, for several reasons. If an issue is important to an individual Union Member, then they have the right to bring it to a general meeting to ask for the support of other students. If support is given, then the considerable resources of the Union can be called upon to assist in campaigning or educating on that issue. Contrary to popular belief, being a student of Imperial College does not exclude you from the Human Race so why should "wider issues" cease to affect you? Voicing a collective opinion does not immediately make the Union a Party Political Organisation; but a collective voice can carry a lot more weight than an individual one. It is a shame if the Union's "apolitical" stance makes us afraid to talk about anything other than beer prices and standing orders.....and beware—narrow minded scientists/engineers are going out of fashion.

On a practical point; as President of a Union like this I am often called upon to make a decision or state an opinion on an issue of "wider" importance. If the Union has no policy on the issue—more than likely under the circumstances—then I have no option but to act on my conscience. You may not agree with me; but having been voted in, I shall continue to do so until policy tells me otherwise. That's democracy....

LESBIANS AND GAY MEN

"Imperial would still appear to be hearing a pile of shit as far as lesbian and gay liberation goes..."

I quote from Stuart Beeston's report to the General Council of the University of London Union (Stuart is a member of the ULC executive and a sabbatical at University College). To a large extent I would agree with him. Imperial has no gay society and anyone hoping to form one might expect considerable resistance, even harassment.

The attitude towards lesbians and gay men in most Student Unions is supportive and relaxed; This makes life a whole lot easier for gay students, many of whom have found 'coming out' at home impossible. Unfortunately this can't be said of Imperial College where 'homosexual' is too often seen as an insult, a dirty word.

There isn't a magic solution, a way of changing the atmosphere

overnight; but something can be done. Stuart Beeston will be coming to the Union sometime during the next fortnight—if anyone, gay, straight, or somewhere in between, would like to talk him about "gay liberation" or forming a gay society, come and see me and I'll fix up a date for him to come over.

HUNT THE SABBATICAL

I gather people have been complaining that the sabbaticals are 'never there' in the office when they come to see us. Well unfortunately

we do have up to a dozen college committees to go to each week, plus all kinds of informal meetings and visits. The best thing to do, if you want to see one of us specifically, is to ring 3500 first to make sure we are there. Hopefully things will calm down a bit towards the end of November.

ANTI—POVERTY ACTION

You've probably read about this elsewhere—a 1% self-tax scheme (£6 per term) paid by standing order to Third World First, an organisation

which raises awareness of the reasons behind Third World poverty whilst at the same time funding "grass roots" aid projects. If you want to join, or learn more about, the scheme, forms and leaflets are available in the Union Office (or ask me and I'll talk for hours!)

Well that's more than enough from me. Have fun, especially if you're going to the Halloween party in the Union lounge tonight.

Christine

Colley Wobbles

Back again with yet another warble. This is just a final warning to those of you who have been allocated parking permits, but haven't collected them: *Do so by Wednesday 5th November*, otherwise they will be given away. Also on the parking permit front, will all those in the Southside parking area please return their permits to me, so I can exchange them for the correct discs. Ta!

As there is a UGM looming on the horizon, it is once again time for the Exec, and hopefully all their unions as well as members, to begin worrying about attendances. There is one thing at the forefront of the Quorum question that really pee's

me off and that is, all of you who are members of a club or society rely upon the Union in one way or another. However hardly any of you deem it necessary to come along to the Union's decision making body. This attitude, should in my opinion any way, be rewarded with a lack of attention imposed on the club/society by the Union i.e. no money allocated. So the overall gist is that if you as club members or society members can't be bothered to support the hand that feeds you, why should it feed you? Come on boys and girls, how about a bit more responsibility and attend of your own accord, as us passing motions means nothing really.

Now we move onto motions, this week we have appearing a motion on Barclays Bank, and no others of the moment. However if you approach the UGM Chairman Hugh Southey with a motion, he has the power to deem it an emergency motion. (All motions must be in by a week in advance of the U.G.M. unless decreed emergency). Any assistance required in formulating your motion can be obtained from Hugh or me. And remember you don't have to have been here a long time, or be part of a group to put forward a motion.

DIC

IC UGM

**1.00pm, Tuesday
November 4th in the Great
Hall.**

**Your chance to take part in the running of
your Union. Decide whether or not to back
the Barclays ban.**

25 Years of the Battle for Human Rights

Twenty five years ago a British lawyer, Peter Benenson, encountered the case of two students in Portugal who had been imprisoned for drinking a toast to freedom. His first reaction was to protest indignantly to the Portuguese Embassy, however he realised that his efforts alone would be lost. During the 50's Benenson had witnessed a number of political trials as an observer and also as a defence counsel, and was familiar with the problems.

Peter Benenson's genius was in realising the power of public opinion and organised campaigning. He wrote an article in The Observer called "The Forgotten Prisoners" in which he drew attention to the large number of people around the world imprisoned for their beliefs. The article also launched a campaign called "Appeal for Amnesty 1961" whose object was to obtain an Amnesty for all Political and Religious prisoners held for their views alone - prisoners of conscience. Part of the campaign was the founding of an office in London to gather information about such prisoners and to publicise individual cases.

The appeal attracted considerable support from around the world and from it grew the organisation Amnesty International. The founders demonstrated considerable foresight in laying down guidelines for the development of Amnesty. They realised that it had to avoid becoming a political tool of any one country or party for its campaigns to maintain their influence. Hence all funding comes entirely from subscriptions and donations and Amnesty remains very much a volunteer organisation. An International Council scrupulously controls policy decisions and lays down guidelines for funding. In addition Amnesty enjoys special status with the United Nations and many other multi-nation bodies.

Since its inception Amnesty International has stuck very closely to its original aims and this policy has taken it to the forefront of the Human Rights movement. The testimonials of many released prisoners are a measure of the concern its letter writing campaigns can generate in even the most despotic governments. Its mandate is based on the civil and political rights set down in the United Nations Declaration of Human Rights of 1948 and on the UN 'Declaration of Protection of all Persons from Torture and other Cruel Inhuman or Degrading Treatment or Punishment' of

1975. It seeks:

The release of people detained anywhere, regardless of race, colour, wealth, politics or religion, on the basis of their beliefs, provided they have not used violence.

Fair and prompt trials for all political prisoners.

The abolition of torture and degrading treatment of any prisoners, including abolition of the death penalty.

Amnesty does not oppose or support any government, nor does it confine its attention to governments alone as there are many private and opposition groups who use inhuman methods. Amnesty is concerned, now and in the future, with people as people.

Human Rights - A Challenge

It is very difficult to find things to care about. Every day we are presented in the media with images, factual and fictional, which are tailored to titillate our emotions. Sex, scandal and death make 'good' news and 'good' soap. There are also a large number of good causes around competing for our charity - competing also with the daily barrage of advertising exhorting us to spend out on ourselves. So why should you give a damn about Human Rights Week, its all just the "trendy lefties" again isn't it? - Wrong.

Human Rights are not a political issue. Quite simply if you are not repulsed by some of the treatment dealt to innocent and defenceless people, because they are not conforming to the wishes of the powers that be,

original Amnesty appeal it seems fitting to highlight the work of Amnesty International.

There are another set of reasons behind this supplement. As with most things at Imperial this event is being organised by a small group of people who have managed to drum up the energy to care about something. I find it distressing, in an institution full of supposedly highly intelligent people, that the number of students who are really bothered by moral issues is very small. There is of course IC Rag, but let us examine the motivation behind this worthy cause a little closer. Rag is a release from the stress of work, an excuse to act like a looney and have fun in a good cause. Sure keeping the totals climbing is a great idea but for most people that is a status



The effectiveness of Amnesty letter writing campaigns has demonstrated the power of mass opinion

Castlereagh interrogation centre in Belfast, one of the subjects of an Amnesty Report on torture in 1971 and a reminder that rights abuses can creep close to home

then you are sick. Human Rights Week is an attempt to publicise the true nature of the abuse of human beings for the sake of power in a disturbingly large part of the world today.

The organisation Amnesty International has a special place in the defence of basic Human Rights. It is uniquely independent. When I first encountered Amnesty I was struck both by the indisputable justice of its cause and by the commitment shown by its workers. In fact for a largely voluntary organisation it demonstrates a remarkable degree of efficiency and professionalism. Here I believe is something I can care about.

Human Rights Week is not a purely Amnesty event. I must emphasise that there will be participation from groups concerned about rights abuse as part of their own fields of interest, and that they are not necessarily part of any Amnesty campaign. However as this year marks the 25th anniversary of the

symbol to show how good they are at 'raking it in'. Money is not enough to solve the world's problems, each and every one of us has to care about the important issues facing humanity. The effectiveness of Amnesty letter writing campaigns has demonstrated the power of mass opinion. You must show that you care or accept accusations of apathy, ignorance or complacency. All that is asked for is an intelligent attitude to public debate and perhaps the writing of a letter. If there is any student here who cannot attempt any of those I pity them.

Thanks are due to: The Rector, Prof Ash for sparing his time so graciously; Amnesty International for material and assistance; Simon Boshier for organising the timetable of events; Event organisers; Dave Jones for allowing production of this supplement; The contributors for their work; and you in the anticipation that you will read this...

Mark Cottle

A Personal View - by The Rector

It is not easy to find a consensus for what makes for a good life. Should one look for serenity, a life of calm contemplation? Or should one seek happiness in being fully stretched? Should one contribute to the next generation? Or delegate that activity to others? Should one try to puzzle out ultimate questions of our being? Or cheerfully admit that we shall never know?

There are no answers to such questions—which is of course no reason why one should not ask them. Yet there are some imperatives of our being which we can declare with no introspection. We know that torturing a child is a terrible wrong. No one needs to tell us. The act offends the very essence of our being, that aspect of our perceptions which is at the base of our humanity. And yet it happens; individuals are tortured, imprisoned without charge, sometimes for decades and murdered. It happens, in many parts of the world; it happens on a large scale.

It is easy to say that those who perpetrate the crimes must be sick—and so no doubt they are. But the chain of responsibility can be long. Those who initiate the actions are remote from the scene of the crimes; those who carry them out, may convince themselves—and they may indeed be right—that protest would turn the individual or his family into victims. Those who initiate the actions may have no need and indeed no desire to remember.

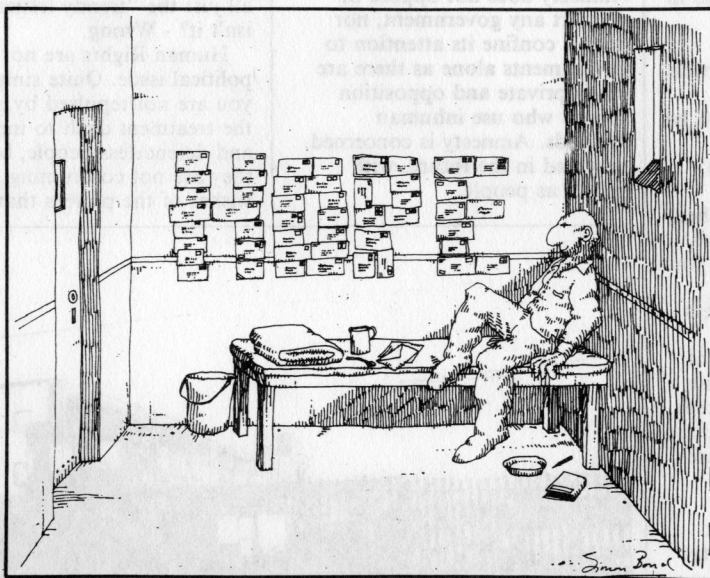
This is why a blazing light illuminating the crimes can be so remarkably effective. It forces the perpetrators to remember. That which can otherwise be buried in a dark recess of the mind can no longer be controlled. The thing becomes known to family, friends, acquaintances, to the public at large, but above all to the perpetrator himself. To focus this light of knowledge and of self-knowledge is the primary role of the Human Rights Movement.

It is a task which has been performed with brilliant success by Amnesty International. Amnesty has succeeded, over a quarter of a century in retaining its integrity, rarely challenged even by those responsible for the crimes it is exposing, rarely challenged—never successfully.

Amnesty International has shown how one can fight—and win using as weapons nothing more than information carefully

sought, and relentlessly exposed. They deserve our fullest support during the Human Rights week—and beyond.

Professor Eric Ash



Simon Bond

The Reality of Torture

"I felt a shock of burning heat spread all over my body ...I cried out in terrible pain ...my whole body trembled because of the high electric charge streaming through it". Like countless other victims under differing political systems, he had simply been taken into custody by government agents

without any pretence of legality.

Despite a universal ban on torture proclaimed by the United Nations, the practice - ordered or condoned by governments - persists. Allegations of the torture and ill-treatment of prisoners have come from more than 90 countries since the start of the decade: in many electric shocks, sexual assaults, severe beatings and mock executions have become routine. In certain countries doctors take part in interrogations while the state and courts shield the torturers.

Why Oppose Torture?

Every act of torture is a violation of human dignity and international law. As such it is prohibited under the constitutions of many nations, is an offence under the criminal law and contravenes key international treaties that protect human rights.

Apologists for torture often argue that it is justified in the defence of society and innocent lives. The truth is that this argument does not fit the facts. Torture is commonly inflicted as

Empty Vessels Make Least Noise

How many people are killed each year by repressive regimes— one thousand, ten thousand? The number is tiny compared with the number dying of hunger. Fifteen million children die every year from malnutrition and easily preventable disease such as that caused by poor sanitation—that's one every two seconds. Mexico's debt crisis of 1982 caused a 30% drop in wages in real terms, a colossal increase in mass poverty. So surely fighting hunger should be the priority, not indulging ourselves with fighting for philosophical luxuries such as 'freedom'.

But both issues are inextricably linked. The most obvious way to reduce political opposition is to give the population something else to think about, and nothing concentrates the mind so much as a daily battle for survival. Measures such as this are easy to

target, for example, if any area is pressing for self-government then divert aid away from it, and if the farmers are protesting then raise taxes to a very high level. A breadwinner struggling to support a family won't join a trade union, or attend a protest meeting because they don't have the time or have too much to lose if those in power decide to take sanctions against them. Hunger has many advantages over less imaginative forms of political control: it doesn't need paying and equipping like an army and punitive taxes raise money. Also it doesn't make such an obvious story for the foreign press which likes photos of bodies, tanks and weapons on the front page, not a body which has died from a virus caught from drinking polluted river water. In Ethiopia, for example, the government has attempted to keep aid away from rebel areas.

Yet the way that the aid system works is an open invitation to a threatened country to use this type of tactic. Firstly, the way the developed world operates ensures that the rest of the world is kept generally poor, so that a huge number of people all over the world are vulnerable to even small reductions in income. Secondly there is a move away from multilateral aid (eg through the World Bank) and towards bilateral, government to government, aid due to the increased political influence this gives. At their worst bilateral deals consist of free military hardware, which provide excellent playthings for the armed forces, increasing their ability to inflict pain and suffering on the population and strengthening their political position. But as argued above, even when the assistance consists of grain or cheap loans it

All Hama Sallh, a 12-year-old Iraqi Kurd from the village of Ja'afevan in Sulaimanya province. He was arrested on 25 February 1981 and detained for interrogation at Karadagh Security Headquarters. His corpse was subsequently handed back to his family badly marked by torture.



The 'Toasting Table' an Iranian torture method in which the victim is literally grilled.

part of government suppression of dissent. In most cases political detainees are at greatest risk in the period immediately after arrest. Such detainees have broken down and signed false confessions. The victims have included mothers and children tortured in front of each other, mutilated and killed.

There are no circumstances under which these abuses are acceptable or legally permissible. Torture violates the rule of law: it directly contradicts the fundamental principle that citizens should be subject only to prescribed penalties for proven offences. Torture, instead, is calculated assault. Nothing denies our common humanity more than the purposeful infliction of totally unjustifiable pain and humiliation on a defenceless prisoner. It is to be condemned absolutely.

What is Being Done ?

As part of its worldwide human rights campaign, Amnesty International opposes the torture of all prisoners, without reservation. It concentrates first on getting the facts. Once it becomes clear that torture and ill-treatment are being inflicted on prisoners, the organisation's members begin appealing to the

relevant authorities to guarantee the safety of detainees. In urgent cases an international network of volunteers can be alerted. Securing proper medical treatment for torture victims is also part of the campaign, with teams of Amnesty doctors working to help refugees and others needing mental and physical rehabilitation. The postcards, telegrams and parcels are getting through. Torture has been stopped in specific cases; international and domestic pressures have brought about changes in laws and procedures in various countries; considerable progress has been made in the medical treatment and rehabilitation of victims. Much more needs to be done
(Extracted from Amnesty International Campaign Against Torture)

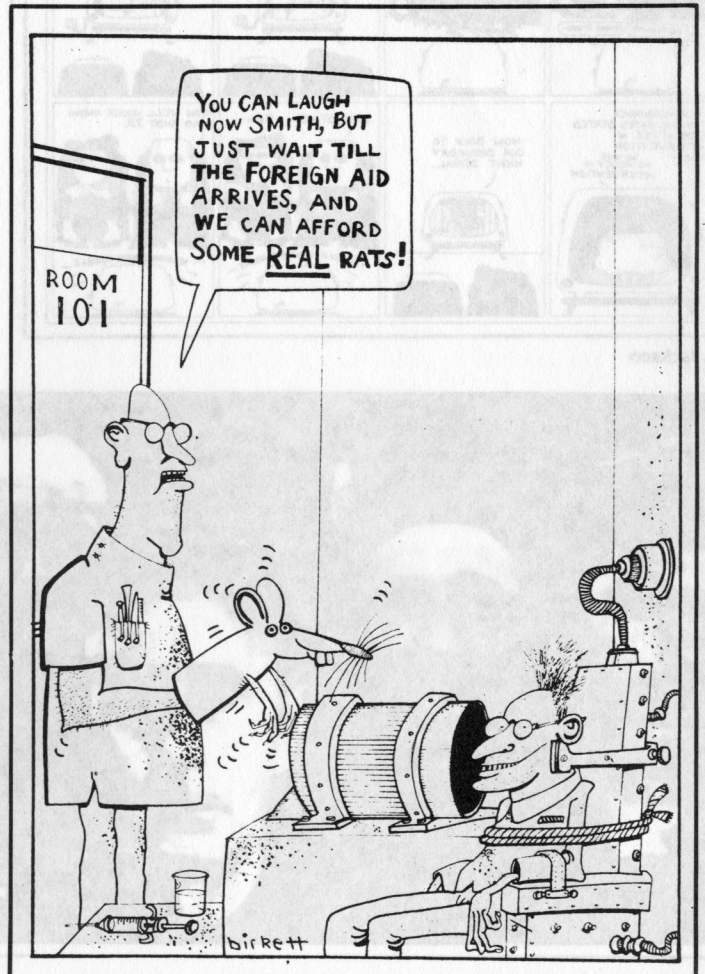
P.M. Birkett

still forms an instrument of oppression.

Human rights is an even broader term than most people think. Shelter, clean water, and a fair chance to earn a living are human rights too. When aid is given to a country it must be distributed fairly and it must consist of sensible assistance aimed at making that country stable and prosperous in the long-term. Any government in a developed country which considers subsidised weapons sales as 'aid', or attempts to appear compassionate by dumping some grain on a third world country and not caring where it goes is a government contributing to human rights abuse.

Gren Manuel

'When the first two hundred letters came the guards gave me back my clothes. Then the next two hundred letters came and the prison director came to see me. When the next pile of letters arrived the director got in touch with his superior. The letters kept coming and coming: three thousand of them. The President was informed. The letters kept arriving and the President called the prison and told them to let me go.'



Imperial College's Adopted Prisoner - Ivan Starovoit

The Group has adopted a Ukrainian, I.Y. Starovoit, who was imprisoned for practising his religion. He was gaoled for five years in a 'labour colony' of strict regime', on the charge of 'Infringement of rights and persons under the appearance of performing religious ceremonies'. Ivan Starovoit was gaoled because he is a Jehovah's Witness.

Little more is known about this case as the Soviet authorities are not too forthcoming with information, however the general state of religious persecution within the USSR is known. The imprisonment of believers is under a confusing variety of laws: for not registering a congregation, or disrupting the social order by holding a procession, etc. The list of religions involved ranges from the Russian Orthodox Church to Buddhists. The Jehovah's Witnesses and Pentecostals are particularly caught in a trap as it is effectively illegal to practise their religion. In order to worship together they must register their congregation, however such registration is never granted to these groups and they must

therefore break the rule to worship.

Please help us to secure the release of Ivan Starovoit by joining in the Group's activities. At the very least try to write a short polite letter to the Soviet Department of Internal Affairs in the Donetsk region expressing concern about his case. Four guidelines on writing letters to foreign governments are,
 1 Never be rude or offensive.
 2 Never advance any political views. Remember you are writing on humanitarian grounds.
 3 Stress that your concern is only for the prisoners basic human rights; write as if you believe the government is open to reason.
 4 Write in simple clear English unless you are fluent in Russian (or whatever other language is appropriate to a particular case). Letters should be addressed to;

Ukrainskaya SSR
 g. Donetsk
 V Oblastnoye upravlenie
 vnutrennikh del
 Upolnomochennomu
 USSR

Friday October 31st

●Halloween Party. Organised by RSM in aid of Amnesty International. Dress up as Ghosts and Ghouls.
 7.30pm, Holland Club

Monday November 3rd

●Third World First Sponsored fast for Namibia. (Also Tuesday).
 ●Amnesty Film Night: Midnight Express.
 7.30pm, Mech Eng 220

Tuesday November 4th

●IC UGM. With special guest.
 1.00pm, Great Hall

THE HUMAN RIGHTS WEEK UGM

As well as the usual business at the UGM on Tuesday November 4th, there will be a guest speaker. Derek Edwards, Human Rights Education Officer for Amnesty International, will give a short talk about the organisation and some of the political prisoners who have been helped by it. There will also be a collection for Amnesty. Come along and support the cause of Human Rights Worldwide.

Christine Taig

Wednesday November 6th

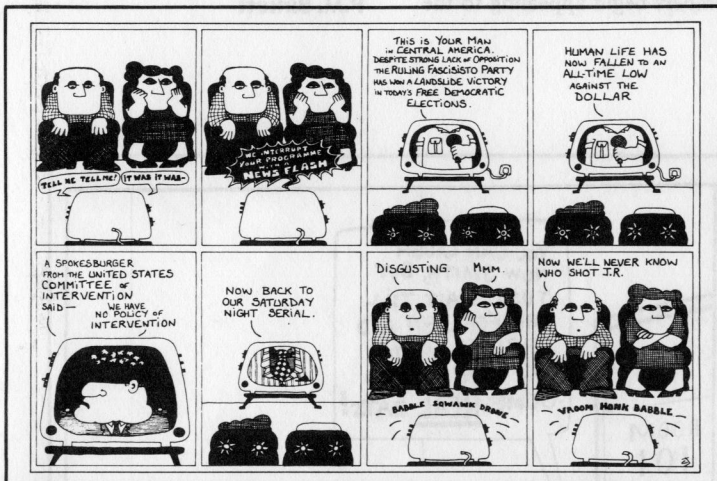
●Third World First afternoon collection and stall in JCR in support of the Broadwater Farm Estate, Tottenham.

Thursday November 6th

●Third World First speaker from Campaign Against Namibia contract.
 12.30pm, G20 Royal School of Mines
 ●Joint Amnesty/West London Chaplaincy meeting. Rev David Ashforth talks about Christian persecution in the Soviet Union.
 ●Night for Rights Cabaret. Organised by RCS. Tickets £1.50 on the door, £1.00 in advance. Starring Jenny Eclair and Owen O'Neil, with compere Ivor Dembina Disco till 12.00pm
 8.00pm, Union Lounge

Friday November 7th

●IC Ents present 'Bloodfire Posse'
 8.00pm, Union Concert Hall



Cath Jackson



"But how are we going to get people to come and see a play about Nuclear Power?" asks Em (Maggie Ford). "We'll give it a silly name!" answers Dee (Cordelion Ditton). Hence **The Day The Sheep Turned Pink**" Drill Hall Arts Centre), a brave attempt at dealing with a very controversial subject with humour, humanity and common sense.

Two reporters, Em and Dee, are trying to find out the truth about nuclear power by decoding all the jargon and talking to the people that the new power stations affect. They in turn are going to write a play from the material that they have researched and so we are given the play-within-a-play format again, but here it is an excellent way of incorporating serious debate with full-blown comedy sketches.

The majority of the arguments centre around the Dounreay station in Scotland where the writer, Cordelion Ditton, did much of her research. Every angle is covered; from the local villagers' complaint that they cannot challenge the safety of the station because they are continually beaten back by scientific language and technological language that they do not understand and so cannot argue



Shadow Syndicate production "**Between the Devil and the Deep Blue Sea**" was one of the most successful productions at this year's Edinburgh Festival. It can now be seen at the Gate Theatre, Notting Hill until November 15th and is well worth seeking out as it is a hugely enjoyable combination of action, drama and jazz to send the feet tapping and eyes watering at the same time.

The Shadow Syndicates productions are always full of original theatrical tricks and effects, my favourite is the gun shot in slow motion! "**Between the Devil and the Deep Blue Sea**" is a great production by very talented company and as Notting Hill is not very far away there are no excuses for not going to see it!



against, to the straightforward economic reasons for using Nuclear Power stations rather than coal powered ones.

There is a scene of immense power when a mother, who lives near Dounreay, describes simply the death of her son from leukaemia, and how the disease might have been caused by the radioactivity in the area. However it is not an anti-nuclear play, the end message seems to be that the arguments are far too complex for anybody to be simply 'for' or 'against'. At times the debate is a little too drawn out but there are some wickedly original sketches involving radioactive limpets and pink sheep etc to break it up.

It is a play that is not just meant for entertainment, it is intelligent and thought provoking, which is more than can be said for most of the current West End productions.

Even if you do not want to see a show there, the Drill Hall Arts Centre at 16 Cheniers St., (close to ULU) is well worth seeking out as it has a cosy bar and an excellent, reasonably priced, restaurant underneath, which is open until late.

LIZ HOLFORD

At last. A play with some relevance to the cloistered world of science. Hugh Whitmore's '**Breaking the Code**' relates the life story of Alan Turing : mathematical genius; Enigma code breaker and pioneer in artificial intelligence. For all these achievements the Turing story is not a happy one. His non conformity (he was a homosexual) led ultimately to confrontation with the authorities of austere 50's Britain and suicide—a sad fate for such a brilliant and clear thinking man. His life can be read in "**Alan Turing: The Enigma**" by Hodges, the book in which this play is based.

Back to the play. The story is unfolded in clever yet elaborate 'flashback and flashforward' style, concentrating on three parts of Turing's life—childhood, the Enigma years, the later scandals. The fundamental conflict, that of genius and man, is quickly revealed to be the main theme and the flashback device makes sure the sense of impending tragedy never leaves. It is probable this complex narrative method is the only one that can avoid the dryness of 'biography'.

Amongst all this the important stuff of the play, the Turing character, is pieced together. The treatment is sympathetic and careful

if erring on the side of simplification (for the audience's sake probably) and the relationships between Turing and the other characters are well-established and interesting. The lead role is taken by Derek Jacobi who gives a typically accomplished performance, equally convincing as the tortured man and the mathematician avidly explaining Russell's paradox. (The I Claudius stammer returns also as the Alan Turing stammer).

Isobel Dean plays Turing's mother, at times verging on the 'actressy' in emotional passages but otherwise engaging as Turing's contact with prosaic reality. Michael Gough and Joanna David as Enigma colleagues are both good, although it is really Jacobi's play.

As might be expected from the names involved, this production has the quality to succeed although it is not the greatest theatre to be seen at present. To me it remains the oddity I fancied it might be when I first read of it. Hopefully, however, it will be seen and talked about and stimulate some thought for misunderstood intellectuals like Turing. We have seen in the past how the implicit glamour of theatre and cinema has the power to do this.

McNeil

Muchos Desporados Kentish Town is a riotously amusing look at the contrast between the dope smoking poverty of Kentish Town and the cocaine sniffing snobbishness of the nicer parts of Willesden Green.

Collins, Sylvester and Rosco are the three 'black' brothers stuck in Thatcher's rutt. No job and no money...the only alternative can be to get stoned; until that is, the idea of doing a job on the coke pushers in Willesden formulates. All three characters are well played.

The scene shifts to upper-class Yuppyland to find an intense, paranoid coke dealer and his dumb

Sloane girlfriend delivering the 'charlie'. The 'brothers' invasion, accompanied by dark glasses and baseball bats, interferes with the business being undertaken. However, after a few heated moments followed by nearby sirens, they leave with the loot, but not before 'a few lines for the road...'. **Muchos Desporados Kentish Town** is just over one hour of witty, fast, non-farical entertainment. If you don't catch it tomorrow night, watch out for its transfer.

Simon Lewis.



A Long Article

The London airwaves are full of radio stations; some local, some national, so you may ask what is different about Imperial College Radio. As we only broadcast to student halls we can provide a service that's especially tailored for students. This year, IC Radio has taken several steps to make sure that its listeners get what they want. One simple way to make sure you hear what you want is to phone in requests, which are usually played within five minutes or so. To phone us from Southside or Linstead, the number is 89, whereas it's 72-3440

from Evelyn Gardens or just 3440 from College. Our recently started *College Events Guide* means that you'll always be in touch with what there is to do, and we'll keep you in touch with last minute changes. Our all-time student top 50 gives us some idea of what students want to hear, but one of the great things about IC Radio is our variety of specialist music shows. Here are the details of our current regular shows:

(Give some a listen and tell us what you think. We might even come and ask you)



Sundays

12pm: 'Vintage Years'—Chris 'Slim Jim' Evans, including Golden Oldies.

7pm: 'The Funk Show'—presented by Ed Cartwright and Captain Scarlet. All the latest disco and megamixes.

Mondays

5 pm: 'Live From Five'—Steve Kilmurray. As it happens each weekday, we broadcast news, gig and cinema guides, College events and chart music, plus requests

7pm: 'Reyad & Niki'—Two hours of a specialist Reggae and Soul show

Tuesdays

7pm: 'The Automatic Barrier Show'—College Bands, B sides, and at 7.30 one old and one new album is reviewed.

8pm: 'The Indie Hour'—presented by one of our 1st year DJs—J Ham.

11pm: 'IC Radio Rock Show'—currently presented by Tim Irons, until 1am.

Wednesdays

8am: 'Breakfast Show'—Tim Jackson gives news, College events, gig and cinema guides, and his wonderful dry humour. Other mornings have different DJs.

Noon: 'Wayne Anderson's Lunchbox'—Current music and your requests.

7pm: 'Way Tasty'—Eric Hudson's Alternative American Music.

8pm: 'Non-Stop Ecstatic Dancing'—Continuous beat with no waffling DJ.

11pm: 'Through Midnight with Neil Motteram'—another 1st year presenter. Requests and dedications after coming home from the bar.

Thursdays

Noon: 'Samantha Smith'—The sequel to 'Body & Soul' Need I say more?!

7pm: 'Pop Quiz'

11pm: 'Steve's Alternative Soul Night Out'

Fridays

Noon: 'Ade Sellers'—The Smiths, Talking Heads and many others.

11pm: 'Mark Timoney's Through Midnight'—requests

Saturday

9am: 'DJ's Grekky Show'—the longest running show in IC Radio, including newspaper and sports reviews, TV and College events guides, and true stories

6pm: 'Fourth Day of the Week'—Alternative music mostly neglected on network radio

8pm: 'Country Choice'—by Steve Kilmurray. The first show if its kind on IC Radio, featuring new releases and gig guides for country fans.

You might well wonder what sort of people become IC Radio presenters. Egomaniacs? Weirdos? Hi-tech Wizards? We certainly have some of these types, but many of us are actually ordinary students with no delusions of grandeur, no knob-twiddling compulsion, merely a good ear for music. If you want to try something different but can't picture yourself as a DJ, then think again! Come along and meet some of our number in our studio next to the Southside shop. Most of our presenters go on the air after only 3 hours training. Most importantly, if you favour a style of music not currently played by IC Radio then come on down.

We would warmly welcome anyone who'd like to help us with our news department, our technical construction maintenance, or our record company liaison, our forthcoming listener survey. Just call on us this Wednesday (5th) at 6.30, or at anytime we're on the air.

Freedom Fight

In Britain we have the valuable, if precarious, freedom to say almost whatever we like about anyone, even about those in power; elsewhere thousands of people are imprisoned purely for their opinions.

The Amnesty International group enables students who are aware how precious and vulnerable this freedom is, and who feel morally obliged by their privilege to exercise it on behalf of others from whom it and all other freedoms have been taken away. The only weapon which the group uses to combat repression, torture or murder is the weight of public opinion, expressed in well-informed and courteous letters to those who practise these abuses. At present two cases are in hand: one concerning a prisoner already found to satisfy the international organisation's conditions of non-violence and political balance (a condition imposed on the relative numbers of prisoners selected from different regions) and consequently 'adopted', and a second still under investigation.

Other activities of the group include the 'urgent action' scheme (letters or telegrams for prisoners in imminent danger); fund-raising and publicity.

In connection with the twenty-fifth anniversary of Amnesty International which occurs this year, the group has taken part in the national door-to-door collection and is contributing to special campaigns in Yugoslavia, Chile and South Africa.

The group meets every Tuesday at 5.30 in the Brown Committee Room on the third floor of the Union Building.

Firkin Run

Last Monday 17 people drove around London on the infamous Firkin run to raise money for the Ferret and Firkin Pub to give a children's school a firework display on November 5th. When all the monies have been collected, Imperial College Charity Rag will be able to present approximately £850 to the pub and a bill for the aspirins. It was a great collaborated effort on everyone's part, and Man Tai would like to thank Nigel, Donna-Marie, Simon, Andy, Bruce, Mike, James J, James S, Daniel, Mark, Helen, Rodger, Brendan, Ian, Yishu, and Emma the navigator for all their efforts that evening and for putting up with his driving. Anyone owing money to these people are asked to submit it as quickly as possible.

Just a quick note. Rag week is approaching quickly, so watch out for the posters!

Pig's Ear

Real Ale Society has held two meetings and one beer festival this term.

The first meeting was a resounding success; the beer ran out early due to such enthusiasm. The second meeting was spoilt slightly because the Gales BBB had not been fined at the brewery and was undrinkable. For further meetings we hope to have more beer than we have in the past few years.

On Friday 17th, members of the society visited the "Pig's Ear" Beer Festival at Bethnal Green. We were able to try many real ales, mainly from the South and Wales, all in excellent condition. Everybody made it back to South Ken (eventually).

Next meeting 6th November

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Football; IC 1sts 1, Kent University 1

Point Dropped

IC's first point dropped this season was, in the context of the occasion and the quality of the opposition, a point gained rather than lost. Not only that, it was the first point ever gained by any IC team against Kent University in the UAU Tournament. Kent inflicted IC 1st IX's biggest defeat of last season, by 6-0, and this almost completely new IC team was determined not to let Kent dominate the game with their overall strength and size, as they had last year.

Kent started well, but as soon as the ball reached the defensive area, Kent were stopped by a solid IC tackle. IC slowly began to find their way, and 20 minutes into the game, Nigel Collier popped up to put IC into the lead. IC's defence made sure that the score remained 1-0 at half time to the home team.

Kent started the second half in determined mood, and laid siege on

the IC goal, IC should have killed the game on the break, but Alessandro Lunghi and then Dave Lynne both missed presentable chances. The referee's decision not to penalise offsidess provided an exciting ending to the game. With 10 minutes to go, a Kent forward broke, clearly offside, and finished well. IC defence did well to keep the final Kent onslaught at bay but, with 2 minutes to go, complete tragedy struck as a goalmouth scramble was ended when Laurence Covill fell to the ground with a suspected broken leg. This could prove costly in the games to come for IC, and I wish "Lol" a speedy recovery.

Team: A Allen, M. Bradley, P. Ewart, P. Dyson, L. Covill, B. Wood, B. Mason, P. Olden, A. Lunghi (Capt.), D. Lynne, N. Collier, sub: Campbell.

Football, Upper Reserves preliminary Round; IC 3rds 3, Charing Cross and Westminster 2nds 0

Emphatic Victory

Following up on an impressive 3-3 draw against IC seconds the previous weekend, the thirds recorded an emphatic victory over lacklustre opposition last Saturday at Harlington. Well taken goals by Mark Woodgate and Chris Gordon fomed a base on which Paul Savage was to provide the icing as on the cake with a spectacular diving header shortly before the end. As usual for the thirds the emphasis

was on sound teamwork rather than individual brilliance. With performances like this based on solid defence, dynamic midfield and slightly more clinical finishing, the team has much to look forward to this season.

Team: F. Batstone, K. Graves, M. Lake, M. Woodgate (C), C. Gordon, H. Takano, C. Budgen, P. Savage, A. Forward, M. Plummer,

Hockey UAU, Oct 20 to Oct 27;

IC 1sts 1, Kent 1
IC 1sts 1, Brunel 0
IC 1sts 4, Meadhurst's Meadhurst's 1

The 1st XI continued their fine form this season with two wins and a draw this week. The first game against Kent in the UAU, Imperial dropped their first point in 4 games. Bad umpiring and a wet pitch led to scrappy, bad-tempered game. Kent opened the scoring but the equaliser was well picked up by Paul Skipworth. Thursday saw Brunel in the Middlesex cup. The tuned opposition couldn't cope with the likes of Paul Coleman's short corners. Saturday was the start of the Middlesex league and a visit to B.P. On the whole good performances this week.

Dry Slalom

The IC Ski Club competed in the Kings Ski Club Dry Slope Slalom racing on October 18th. Even though it was the first race of the year, the league has become more competitive while being more friendly than last year. With a few lucky races, the IC 1st team won the second place position out of about 14 teams. The team comprised of Kate Finch, Ivor Gitlbe, Keith Adeney, Mike Johnston and Mark Schmidt. All performed well on the fast wet difficult course. The Ski Club's next race is November 30 for which we will need lots of help, especially ladies with racing or good skiing abilities. A lot is taking place, so please come along to sign up. Just ask for Clare, Mike or, Mark Schmidt. Hope to see you skiing.

Foot Trophy

Competitors from as far away as Greece and U.S.A. made the Foot trophy a truly international event. The 72 boats were split into two leagues with the top two teams from each going through to the next round. The IC team started well - but even Brimelow's tactical excellence couldn't make up for the team's lack of boat speed and they were narrowly beaten by a more experienced team. This was typical of the weekend; although the team started well they lacked the final

punch needed for success at this level. Nevertheless they finished 11th and all three IC boats qualified for the Gnumrs Trophy. This was the first big event of our season and the team showed they have the potential to succeed in the future,

Team: Apostolous Leonidopholous, Malcolm Hunter, Samantha Page, Gareth David, Andrea Burrows, Richard Brimelow, Adam Stork, Jenny Ramsey.



London Colleges League

This past week has been busy with the London Colleges League on Wednesday (22/10/86), UC Relays Saturday (25/10/86) and on Sunday 26th, the winter colleges athletics champs.

London Colleges League

Men (175 took part)
10. Bryan Gambun 29.31
11. Gavin Waterson 29.35
Ladies (61 took part)
4. Helen Bolt 17.59

Teams

Imperial Men 3rd 338 pts.
Imperial Ladies 8th 161 pts.
With several absentees, the teams gave a solid performance in the first

league match of the five match series.

Helen Bolt gave a strong warning to the London ladies of her aspirations to the top this year, and selection for the UL Japan team this year, finishing just over a minute behind the leader.

In the mens's race the Waterson/Gamblin confrontation again proved to be a tightly fought needle match with Gavin leading from the outset only to be burnt off by Bryan in the very closing stages.

Next match: Trent Park, 5th November;

Sign up on notice board and meet at notice board at 12.30

Badminton; IC Mens 3rds 6, Guy's Hospital 3

Men Win

Our Mens 3rd Team started off badly by losing a match to the 1st pair from Guy's. This 1st pair also managed to beat our 2nd and 3rd pairs but not without a strong fight from our 2nd pair. However, we did manage to beat the other 2 pairs without any trouble at all.

Badminton UAU: IC Mens team 4, Kent 5

Men Lose

After an easy 9:0 victory over LSE this week, IC found Kent University much stiffer opposition. However, it has to be said that kent had a very good first pair, boasting a county player, but otherwise they were an average side.

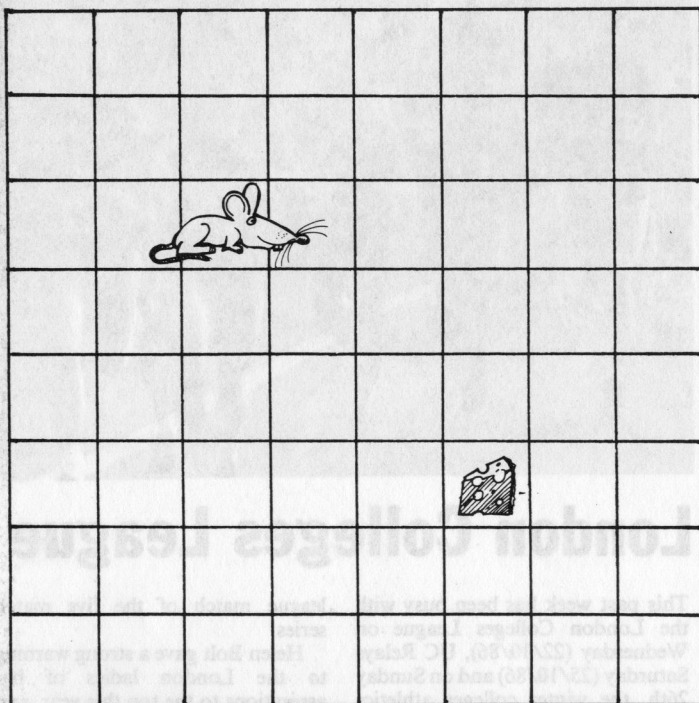
MEGABRAIN

Rat Routes

Deep in the recesses of the Government Research Centre for Nasty Cruel Experiments on Poor Little Helpless Creatures, Chris the rat, a product of third generation head growth research, was hearing about the ordeal he was about to go through, from his cage-mate, Brian.

'They put you on this 8x8 grid with a piece of cheese,' he said, drawing the following in the dust:

route from him to the cheese that minimises the number of bends and goes through every square. The £5 prize will go to the entrant with the fewest turns, even if it's not the correct answer, so it's worth entering whatever answer you get!! Solutions, comments, etc to the FELIX office by 1.00pm Wednesday, please.



'with all these wires attached to your vitals. It took me a while to suss out what was going on, but it turns out that you don't get the cheese unless you've visited every other square on the grid first.'

'Sounds easy enough,' said Chris. 'Ah! But every time you deviate from a straight line you get an electric shock, and you're only allowed to move from square to square horizontally, vertically, or diagonally.'

'So how can you avoid being shocked?' Asked Chris.

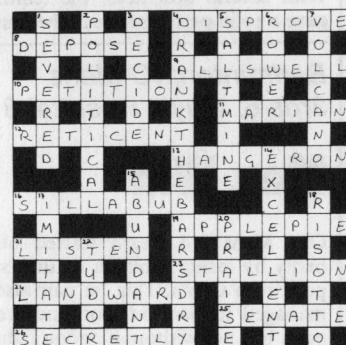
'Well you can't. But there is a way of minimising the number of shocks you get.'

'What's that?' 'I'll only tell you,' said Brian, 'in exchange for two of the Rat-Snacks which you keep hidden under that pile of fluff in the corner!'

'You rat!' said Chris. This week's problem is to save Chris's Rat-Snacks by finding the

Last Week

We only had one solution to the crossword, from Paul Harvey, Mech Eng 3, who we felt deserved the prize even though he got 1-down wrong (it was one of the easier clues!) Please pick up your £5 after 1.00pm Monday.



Down & Out in London

I've just spent two hours trailing around The Industrial Society Careers Fair, and quite frankly most of the careers on offer left me cold. I can't believe what sort of people could be so short sighted as to become actuaries, chartered accountants or management consultants. So there may not be a lot in your Barclays higher rate deposit account right now, and the Arthur Andersen and Co. starting salary is undeniably attractive, but really it would appear to me to be selling your soul way beyond the call of duty.

Anyway having decided that I didn't want to work for British Nuclear Fuels, or any of the numerous GEC companies, I decided to find something else to do with my time. And where better to start than the classified ads. in City Limits.....

There are the usual collection of jobs, with London boroughs and Womyns print units, but there are also one or two of interest to students. Record and Tape Exchange in Notting Hill, and elsewhere in London, are looking for 'music loving students' for part time work in their shops; the phone number is in the book. Also Film extras are required for a new movie; call 044282 7224 now.

On the subject of movies, there are some good new releases about at the moment. 'The Decline of Western Civilisation' (now there's an idea...) at the ICA is billed as the 'Woodstock' of the late '70's Los Angeles punk scene. 'About Last Night' is still on release all over the West End; a friend of mine saw this and liked it. 'Betty Blue', the FACE's film of the year, is still on at the Notting Hill Gate cinema, amongst others, and if you haven't seen this yet, go and see it now. Other favourites of mine at the moment are Alex Cox's 'Sid and Nancy', Neil Jordan's 'Mona Lisa', and James Ivory's 'A Room With a View', all of which are on in London this week.

Ben Elton is without doubt one of the most popular comics about. He appears at the Bloomsbury Theatre on Saturday in aid of KIDS, a charity in Camden set up to help families with children with special needs. Ben Elton will be joined by Denise Black and the Kray Sisters, Gary Howard and John Hegley. Book now. Also on in the West End is 'Breaking the Code' at the Haymarket. This is the true life story of Alan Turing, the pioneering mathematician who developed the first prototype computer. See the review in this issue, and then see the play.

Peter Hammill, singer with Van Der Graff (who?—Ed), is playing



three nights at the Bloomsbury Theatre from the 6th to the 8th November. Singers as diverse as John Lydon and Jim Kerr have quoted him as an influence, but none the less, his twenty year career and thirty albums have gone virtually unnoticed. However despite a virtual boycott by the music press, his shows are very entertaining. Why not try something new.

NEWLY OPENED

The Delhi Brasserie

134 CROMWELL ROAD
(near to Sainsburys)
KENSINGTON, SW7

Open 12-2.30pm; 6.30pm-11.30pm daily

Friendly attentive service in an atmosphere of style and comfort

Fully licensed
Air conditioned
Seating for 110
Private parties of up to 40 catered for
10% discount for IC students and staff

Early reservations advisable

01-370 7617

what's on

FRIDAY

On the Hotline 6.00pm
 Music Room, 53 Princes Gate.
 Christian Union, free buffet tea.

Halloween Party 8.30pm
 The Lounge. Featuring all-girl
 band 'His Latest Flame'.
 Tickets available in advance.

SATURDAY

Norman & the Nutburgers 8.30pm
 Union Lounge. Cheap Beer,
 Late Disco.

Band/Disco 8.30pm
 Union Lounge. Cheap Beer.

MONDAY

ICCAG Meeting 12.30pm
 Rag Office. Union building, top
 floor. Lunch provided.

Waterski Meeting 12.30pm
 Above Stan's, Southside. To
 book waterskiing for
 Wednesday and Saturday.

Wind Band Rehearsal . 5.45pm
 Great Hall.

Dance Club 7.00pm
 JCR. Beginners Ballroom, 70p.

Wellsoc 7.30pm
 Physics LT 1. 'Centauri or
 Bust', Matt Irvine of the BBC
 Special Effects Department.

Dance Club 8.00pm
 JCR. Medals Class, 70p.

TUESDAY

Aerosoc Lecture 1.00pm
 Physics LT3. 'We are all
 amateurs now' by Dr D
 Dewhurst

Industrial Society 1.00pm
 Chem Eng LT1. 'Latest
 Technological Developments in
 British Airways' Dr WD Lowe

**'Musical Instruments in the age
 of Chaucer** 1.15pm
 Read Theatre, Sherfield
 Building. A lecture-recital
 illustrated with slides and
 medieval instruments, by Dr
 Mary Remnant

Wine Tasting Society . 6.00pm
 Loire Wines. £2.00 members,
 £3.00 non-members.

Happy Hour 7.00pm
 Union Bar, until 8.30pm

Dance Club 7.00pm
 JCR. Intermediate Ballroom,
 70p.

Opsoc 7.30pm
 Music Room, 53 Princes
 Gardens. Rehearsal for 'HMS
 Pinafore' and 'The Zoo'.

Dance Club 8.00pm
 JCR. Beginners Ballroom, 70p.

Prayer Meeting 8.15pm
 Union Upper Lounge. Christian
 Union.

WEDNESDAY

Cross-Country 12.30pm
 Meet Beit Quad. London
 College's League Race at Trent
 Park.

Watersliding 12.45pm
 Meets Guilds Office.

Jazz and Rock Club . 12.45pm
 Ordinary General Meeting. All
 members welcome

Graffiti Printing Demo 2.00pm
 Learn how to screenprint
 posters, T-shirts and cards

Dance Club 2.00pm
 JCR. Jazz Funk, 70p.

Dance Club 3.00pm
 JCR. Rock'n'Roll (Beginners),
 70p.

Dance Club 4.00pm
 JCR. Tap Dancing for
 beginners, £1.

Wind Band Rehearsal . 7.00pm
 Great Hall.

THURSDAY

Industrial Society 1.00pm
 'Industrial Disaster and
 Recovery' Sir Charles Villiers,
 Chairman of British Steel
 Corporation.

**The Amsterdam Piano
 Duo** 1.30pm
 The Music Room, 53 Princes
 Gate. Lunch- Hour concert.
 Fantasies by Mozart and
 Schubert; four Legends by
 Dvorak

Happy Hour 7.00pm
 Union Bar, until 8.30pm.

Real Ale Society 7.30pm
 Union Crush Bar. Sample real
 ales in good condition and at
 the lowest prices.

small ads

ANNOUNCEMENTS

●**RAG WEEK'S COMING SOON** Watch out for posters.

●**ANYONE OWING MONEY** to the Firkin Run sponsored people, please submit your money as quickly as possible.

●**WILLIS JACKSON HOUSE** re personal belongings left over the summer. Any items still left in storage will be disposed of if not claimed by Saturday 8th November. Any problems call Dr J Flint (warden) X7475

●**THE FOURTH DAY IC RADIO, EVERY SATURDAY** 6-8 pm. Music to loosen the body

●**ANOTHER TALL DARK HANDSOME STRANGER** (who you all know). Special guest speaker. Wine Soc. Tues. 6 pm. Union SCR.
 An SCR production of Steve and the Incredible Loire Wines. Discretionary viewing. Tues. 6 pm. Union SCR.

●**TO THE INHABITANTS OF FLAT 204 85/6** I've got your deposits in student services. Dave Parry.

●**FROM IC CONCERT BAND** (all 50 of us). To the wanker from Indsoc who tried to halt our rehearsal at 7.13 last Monday - piss off. Haisley Comp 2

●**4th NOVEMBER 1PM RM 413H(MOPSOC)**
 Chaos, Fractals, and Dynamical systems. Dr. John Gibbons.

●**HAS A SAINT BEEN BUSTARD?** S AND G - Survive and Be Grateful Club. D. Heading ø3

●**I.C.ENTS** Bewitched by His Latest Flame. On Friday 31st as I.C.ENTS and Richmond College present THE HALLOWEEN PARTY IN THE LOUNGE IN THE STUDENTS UNION price £1.50/50p with L.S.S.ENTS card. I.C.ENTS announce the celebration of the 75th anniversary of Imperial College Students Union with the presentation of the 'Celebratory Christmas Carnival' featuring Sandie Shaw on Saturday 6th December, with discos, late bar, food, film, and fun. Limited number of tickets available at £4.50 only. Available from the Ents office. £3.50 with L.S.S.ENTS card.

●**PLAY THE FASTEST GROWING SPORT AT IMPERIAL IV'S.** Courts beside Linstead tennis courts. Meet 3.00pm Thursdays or else contact David Nicolson X 6289. Equipment provided.

●(1) We hail the return of Captain Squeaky-clean and the vaseline boys. More news soon.

●(2) Will someone please tell the cocktail who the phantom photo sender is.

FOR SALE

●**AKAI AM-UO1 Stereo Amplifier** perfect working order £20.00
 Pair of AKAI speakers, also in perfect working order £20.00
 These sound surprisingly good; this is a real bargain.
 Contact: Howard Rudd on internal 4533 or via chemistry P.G. letter-racks.

●**TELEVISION:GRUNDIG 14"**
 Black and white. Excellent condition £35. Contact Kevin Yapp via Physics letter-racks or room 48 Beit Hall.

●**SHEET SLEEPING BAG**
 (Suitable for YHA use) £20.00. Contact Dr. Bruce Lennox, room 446, New Chemistry. Internal tel. 4623.

PERSONAL

●**ANDY** Happy birthday one year nearer .Jaques Balmal

●**WANTED** A male with all bits in working order to satisfy requirements of rampant wench. All replies considered. Write in total confidence to: L.H. C/O Kathy, Union Office, BEIT.

●**IF THE A TEAM** have big bottoms, then the B team shit themselves.

●**THE HIPPEST SHOW** on I.C. radio occurs between 6 and 8 pm. every Saturday. THE FOURTH DAY 2 hours of the best music around and what's better you'll hardly here the people doing it. Tuesday 9-11 pm. I.C. radio, or else.

●**SISTERS IN SIN!** Tonight is the night for revelation and subjugation! Prepare for the summoning of the spirits. Bathe yourselves in the black fire. We will be awaiting you. The Scarlet Witch - HUNKY VAMPYRES BEWARE!

●**DM 92p** is nothing - when the pheasant?

●**HUGS AND KISSES** to all the Firkin Runners. Thanks for everything - hope you enjoyed yourselves. Love from the Chairman of the Don't-call-me-a-potato campaign....spud.

What's On forms are now available, including repeat forms for the whole term

Star Warrior

Five hundred scientists in British Universities have signed a pledge condemning the American Strategic Defence Initiative Programme, more commonly known as Star Wars. The pledge, part of campaign to boycott Star Wars has been organised by Dr. Anne Davis, formally of Imperial, and Robert Brandenberger of the Department of Applied Mathematics and Theoretical Physics in Cambridge.

To date academics from the Physics departments of twenty four British Universities have lent their support to the campaign.

The Pledge is being coordinated at Imperial by Dr. David Caplin, a member of Scientists Against Nuclear Arms (SANA). It has been signed by 60% of the Physics department including Departmental Head, Professor Tom Kibble, and Nobel Prize winner Professor Salam.

Dr. Caplin explained that the Star Wars Research Boycott was an attempt to ensure the British Government and public realise that SDI is unfeasible. "We are giving support to our American colleagues, 6000 of whom have signed our SDI petitions" he said.

Dr Keith Burnett spoke on a BBC radio programme on Sunday about his opinions on undertaking SDI research. In 'The World this Weekend', the decision of over 500 academics to sign a pledge not to carry out such research was discussed, with Dr Burnett putting forward the view that working on it would give the SDI project a credibility it does not deserve. "I cannot take money from a programme which I think is nonsense", he said. He stressed that it was a difficult decision, and that the boycott was not supported only by pacifists and unilateralists.

Goodbye Paul

Paul Jowitt, Warden of Falmouth Keogh Hall, is to leave IC for Scotland at the end of this year. He is taking a new position as Professor of Civil Engineering Systems at Herriot-Watt University. Dr. Jowitt, who described his time at Imperial as "enjoyable but hard work", said that he hoped that FK residents would "have a good time, work hard and play hard" in his absence.



Threatened Drinking Clubs

Two emergency motions have been submitted for Tuesday's IC UGM. The first, proposed by Jane Spiegel, would ban CCU drinking clubs from using College facilities, on the grounds that the clubs are outdated and sexist. Since they were formed 50 years ago, 'The 22 club', 'Links', and 'Chaps' have not admitted women, and it is believed that the only reason for rejection is their gender. Ms Spiegel feels that the actions of these clubs worsen

Imperial's already poor reputation as a place for women to study.

The second emergency motion, which has been proposed by Simon Boscher, is a request that the College adopts Ivan Stawovorit as a prisoner of conscience. Mr Stawovorit, a Jehovah's Witness, has been sentenced to five years imprisonment for failing to register his congregation with Soviet authorities.

Career Campaign

The Careers Fair, organised by the Industrial Society, took place on Tuesday and Wednesday of this week in the Sheffield Building and the Great Hall, where sixty companies, offering a wide range of careers exhibited on each day. Rod Holdsworth, chairperson of The Industrial Society said that he was pleased with the response; 2000 students from several London Colleges visited the fair each day, and added that the companies were impressed with the quality of the students they saw.

A small group of 'concerned students' distributed leaflets to

those entering the Fair, urging people not to take jobs in the defence and nuclear power industries. The response to these leaflets was mixed; the organisers of the campaign said the response was good, although Christine Taig, ICU President, condemned the leaflets as illegal as they did not carry the name of any ICU Society. A spokesman for the Industrial Society told FELIX "if people want to hand out leaflets, it's a free country" and added that a few of the exhibitors were unamused by the adverse publicity.

University Funding

A highly confidential Government report leaked to the press has revealed that universities are even worse off than they claim. The report, which was jointly commissioned by the Department of Education and Science and the Treasury, studied Leicester, Brunel, Manchester, Birmingham, Glasgow and Keele as examples of the country's universities. It predicts that by 1990 five of the six will have to sell off assets and reduce staff replacements, in order to pay for running costs.

Dear Dear

The new entrance charges for the Natural History and Geological museums were announced last week. From 1st April 1987, adults will have to pay £2 to go into the Natural History Museum, and £1 for the Geological Museum. The Director of the Natural History Museum stressed that "a large number of people" will still be admitted free, including pre-booked parties of schoolchildren and under-fives. There will be no charge between 4.30pm and 6pm Monday to Friday, and students will be able to get in at reduced prices.

WARDEN VACANCY FALMOUTH KEOGH HALL

Falmouth Keogh Hall occupies the lower half of Southside in Princes' Gardens. It accommodates 184 students, the majority of whom are first year undergraduates.

The Warden is responsible for discipline and pastoral care within the Hall and is assisted by sub-wardens and assistant sub-wardens. In return for these duties the Warden is provided with rent free accommodation suitable for a family.

The present Warden will leave at the end of December 1986 and the new Warden will need to be available to commence duties early in the new year.

Applications for this post are invited from members of the College. Further details may be obtained from Michael Arthur, Room 537 Sheffield Building; Tel: 3017.

The closing date for applications is Friday 7th November.