



FELIX

Founded 1949

The Newspaper of Imperial College Union

Sir Henry slams Rector

Parts of the Rector's Commemoration Day Speech were attacked by the Chairman of the Governing Body, the Hon Sir Henry Fisher in his closing speech.

The main points of the Rector's speech were the hopes of early implementation of AS-levels designed to broaden the A-level curriculum, and the entry of more women into Science and engineering. Sir Henry had 'grave misgivings about broadening the sixth form curriculum'. Although it was popular to talk about wide ranging studies in the arts and the sciences, he thought that the current A-Level system provided students who were 'well prepared for a university course of only three years'. He felt that any change in the system would be a disaster if they provided ill prepared students and universities had to bring them up to standard.

Turning to the entry of more women into science and engineering, Sir Henry felt that the Rector was emphasising the recruitment in a way that was itself sexist. Sir Henry suggested that the way to attract women was not to treat them as women but, in the same way as men, as human beings. He felt that a good way of implementing this change might begin at Commemoration Day itself. At present when students are presented to him the chairman of the Governing Body nods his head to men and raises his hat to women. Sir Henry wondered how long this tradition would continue.

The Rector had no comment to make on Sir Henry's speech.

Major projects

A major projects symposium has been organised by the Old Centralians Association of the City and Guilds College on the topic of 'Securing Britain's Future'. It will take place in the Sheffield Building on January 4 1985.

The Rector, Lord Flowers, will introduce the day's programme, aimed at creating a better climate to allow beneficial developments in the UK. Large scale engineering projects as well as a range of smaller ones will be discussed. Their funding will be analysed as well as the way they can be carried out to make a contribution to the UK economy. The keynote speaker will be Norman Lamont MP, Minister of State for Industry, and the sessions will be chaired by Lord Ezra MBE and David Crouch MP, Chairman of the All Party Group for Energy Studies.

The closing date for registration is 3 December and members of staff wishing to attend can do so at the reduced rate of £50. Any students who wishing to attend should apply to Prof J Munro, Head of the Civil Engineering Department.

Registration forms will be included in FELIX on November 16.

Gower Street Squat

University students squatting in a disused University of London Examination Office building as they have nowhere else to live, are protesting about the lack of accommodation provided by the University.

Fifty students, mainly from LSE and UCL moved into the building in Gower Street on October 16, using an open window. The building had been vacant since last December, but was carpeted and well-maintained. Owned by the University, negotiations were underway to sell or rent it out.

The University, although sympathetic to accommodation problems in general, have denied that the situation is any worse than in past years. Following discussions with the colleges and unions concerned as well as students involved in the squat, the University has agreed to a joint enquiry with ULU. This will look at accommodation in a wider context and will present a report to the Department of Education and Science. A

Spokesman for the University said that the Colleges concerned had already offered short-term emergency accommodation to the students in addition to counselling and help in finding permanent accommodation. He stressed that although legal action was a possibility there was no deadline by which the students should leave the squat.

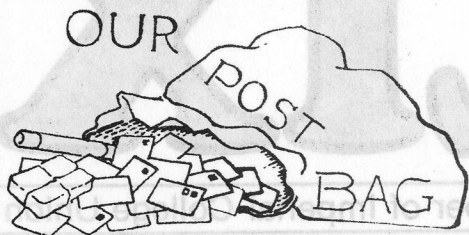
In a Press Statement, the squatters claim the occupation to be a 'needs issue', and not politically motivated. Smaller rooms would be used for long term accommodation, and larger offices (600 sq ft) as a short term crash pad. They also intend to run an accommodation advice bureau. The occupation has already been given unanimous support at LSE and UCL Union Meetings and a lobby of Senate House took place on Wednesday. The Squatters would welcome student support, especially in occupying the building during the day. The squat is at 66 to 72 Gower Street, near Dillons.



An IC contingent attended the CND rally at Barrow-in-Furness over the weekend.

The 20,000 CND supporters were protesting at the government's plans to build the new generation of nuclear submarines at the Vickers yard, which provides employment for nearly one in five of the town's population.

LETTERS



Bloding writes

Dear Sir,

Fame at last! I'm glad to see that finally FELIX has acknowledged that STOIC is run by a group of dedicated and hardworking individuals. However, in your item last week, you got a number of facts wrong:

First of all, people don't join STOIC just to aid their job prospects; indeed the vast majority join because they enjoy making TV programmes and using equipment which would normally cost £800 per day to hire!

Secondly, you have the gall to imply that there is a lack of professionalism within STOIC! We have a tape, sent to us by another student TV group, which you are welcome to come and see, which shows that STOIC is the best student TV in the country!

Finally, have you forgotten that during the summer FELIX requested, and STOIC installed, a line so that you can watch programmes in the FELIX offices? I trust that you will be among our many viewers for NEWSBREAK on Thursdays, if only to plagiarise it for the following days FELIX.

Yours (in the spirit of media co-operation),

Martin Bloding
STOIC Chairman

Wet blanket

Dear Sir,

As the Diving Officer of the Underwater Club I feel I must cast my spurs aside and reply to Mr Snivel's letter (Felix 26/10).

The club exists to enable students at IC to learn to dive. So far this year we have 50 new trainee's and 6 experienced divers to train them. All these instructors, 2nd and 3rd year undergraduates, give 5 or 6 hours of their spare time each week to carry out the training. The club diving trips are organised to complement the training programme which involves a large amount of swimming pool training.

All dives require, for safety's sake, a novice to dive with an experienced diver. Unfortunately very few experienced divers deign to turn up; out of 20 divers trained last year only 4 turn up regularly, thus there is an upper limit of 12 members per trip. In addition, most trips are to Cornwall and high mileages of 1000-1500 miles are common. Thus they are very expensive, even with union subsidies. Consequently it is hard to raise interest and they are less frequent than we would like.

On the social side, all members are encouraged to meet above Southside bar after every training session, lively discussion

on all aspects of diving takes place and constructive criticism is welcomed.

Finally I would ask Mr Snivel to come and talk to us, we're very friendly people and will happily discuss his misconceptions about the club.

Yours sincerely
Nick Cozens

Underwater Club Diving Officer

Dear Sir

I am forced to reply to the article in last week's Felix concerning the sub-aqua club. It would appear we have rather upset this gentlemen in some way, although I am amazed at some of the accusations he has made.

I'll start at the beginning with his rather vague comments concerning our introductory meeting. This consisted of the first two lectures of the BSAC snorkel training program (on Branch Organisation, and choice of Basic Equipment) which were separated by a slide show. Now the gentleman concerned may have known all about this, having some experience in SCUBA diving, but the vast majority of people present did not, and have to start at the beginning.

The accusation that the club's executive are a bunch of drunken cowboys I find even harder to take. The club's executive takes out two evening a week Tuesdays and Thursdays to train novice divers to BSAC specification. This includes the preparing and giving of lectures and pool training. Unlike non-college branches of the BSAC this instruction is given free of charge. I would be surprised to find many college clubs doing more than this.

The idea that anybody giving lectures is drunk is equally ridiculous. If the gentleman feels that the can of Forster I drink with my pie before giving the lecture classifies me as drunk, then I'm afraid our definitions of drunk differ sharply.

The other main accusations concern the bar, and its use for organising club outings. After having finished with the pool training most of us like to go over to the bar to relax, and this is generally where we talk about and plan club activities, again this is not something I feel is desperately unusual.

Everybody is welcome and indeed encouraged, to come down to voice opinions and ideas. What the gentleman calls a clique are people who have know each other for several years, some of whom have left college, but still come back to help out with instruction. Moreover, people who are not full members of IC Union do not receive a union subsidy.

The last accusation is that three trips a term is not enough at thirty to forty pounds a weekend, I find that with my grant I can't afford much more. Apart from this most people in the past have been reluctant to give up more time through academic or other social reasons.

I don't know why we have upset the gentlemen concerned so much, but the accusations he made against us are quite simply bullshit.

Yours sincerely
Eric Tietema

Underwater Club Chairman

FELIX

The Rector was quite right, in his Commemoration Day speech, to come out in favour of a broader education for 16 to 18 year olds.

One only has to look at the standard of written English achieved by most Imperial College students to see the advantages that could be gained by scientists learning English beyond 'O'-Level. But despite the 'evils of over-specialization', it seems to be true that the universities are demanding higher entrance requirements that can only be met by doing specialized subjects at A-level.

If students are to sit seven or eight A-levels instead of three or four, how can they be expected to meet the exacting standards of the universities?

The idea of the AS-level is a compromise; it is intended to broaden and supplement the normal A-level curriculum. But it must, per force, lead to *some* lowering in the standard achieved in the student's specialist A-levels

In many countries the solution to this problem is to have four year degree courses, but with a Government committed to cutting the education budget, this seems unlikely to happen here.

Clearly the schools and universities are going to have to think long and hard about the consequences of a broader more balanced curriculum. Someone, somewhere, will have to pay for it.

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UNION BAR

Carlsberg
Promotion
Only 50p per pint
Saturday 3 November.

End of world nigh — official

THE END OF THE WORLD IS NIGH!

Don't miss the end of the world! Will the great American public choose to be led by a Walter or a Ronnie? Will they make the right choice? What is the right choice? Is there one anyway? Who cares?

Well, not that I want to worry you, but this Wednesday's party could be the last party you ever go to! It could be the last chance you get to see Geno Washington! It could climax in the most truly apocalyptic pyrotechnic display you have ever seen!

On the other hand, it might just be the best party held in College this year — but remember — don't worry about getting to bed late; Thursday morning might never come! That Hangover might not happen! So whatever you do, don't miss the End of the World!

Supermicro

An Orion Supermicro will be used as part of a new course from January 1985 to train final year BSc and BEng students in integrated circuit design. The machine runs large FORTRAN programs and will be used to simulate Computer-aided Design (CAD) at various levels. CAD techniques have been taught theoretically for some time but the subject can become more practical, with simulation, interactive design principles and design verification being carried out 'for real'.

The Orion is microprogrammable, that is, each assembly language instruction is carried out by a microprogram, which can be altered by the user. Reprogramming on this fundamental level allows for more efficient processing in applications where requirements may change — especially useful in research environments. Around two thirds of the Orions in use are in University departments.

Red Ken

Faces were even redder than usual at the Socialist Society meeting last Tuesday lunchtime when Ken Livingstone failed to arrive to talk to a packed Great Hall. Apparently he had been held up at work and was feeling unwell. He sent his apologies and it is not known whether he will be talking at College in the future.

Obituary

The death occurred last week of Mr Alasdair Scott-Moncrieff, a lecturer in the Civil Engineering Department.

Mr Scott-Moncrieff was Senior Treasurer of the City and Guilds Union, and the Chaplaincy.

The staff of FELIX express their condolences to all of Alasdair's friends, family and colleagues.

Best thesis

The Swiss based Institute for Research and Information on Multinationals (IRM) is holding its second international competition for the best three University theses on 'Multinationals'. First prize is 8000 Swiss Francs (£2667). The competition is open to theses, which have or will have fulfilled requirements for a doctorate (PhD or equivalent) between February 1982 and February 1985, in economics management, sociology, psychology or information and communication studies.

These will be chosen for their important and original contribution to the study of multinational corporations. They should examine the rôle of multinationals and their impact on society. Theses concerning internal management are excluded.

Full rules and further details are available from IRM, 45-47 rue de Lausanne, 1201 GENEVE, Switzerland.

Two IC profs honoured

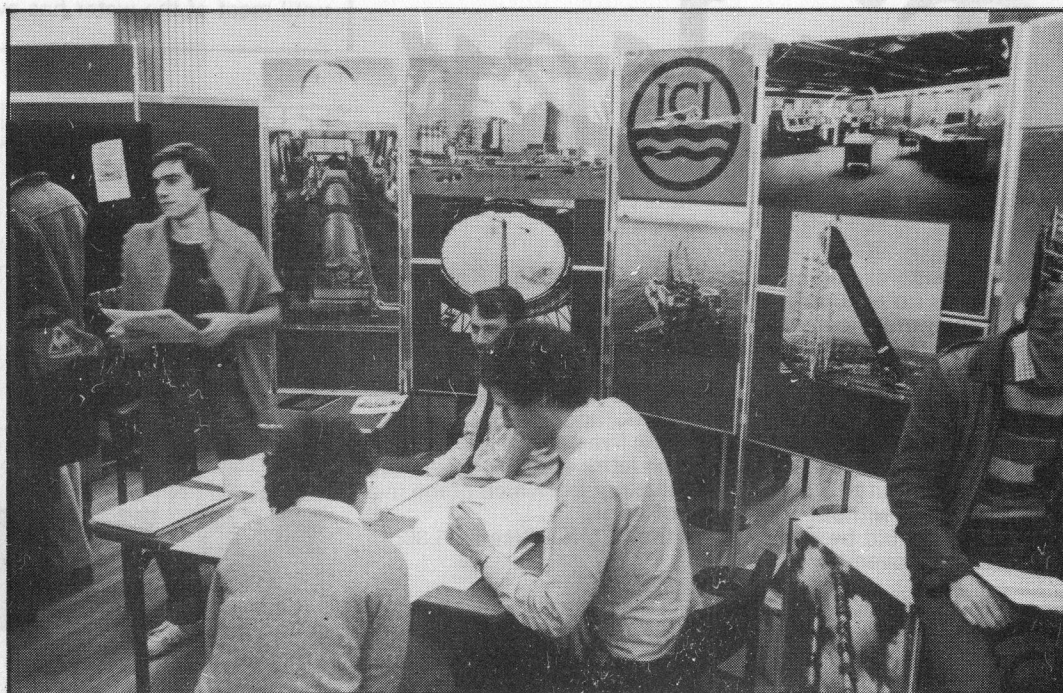
Two IC professors have been honoured by learned societies, recently.

Professor Charles Rees of the Organic Chemistry Department has been invited by the German Chemical Society to give the Hofmann lectures for 1985. This commemorates the pioneering work of Hofmann, who was the first Professor of Chemistry in the Royal College of Science from 1845 to 1865.

The lectures next year will be given in Berlin, Darmstadt and Giessen.

Professor J T Stuart, Head of the Maths Department, has been awarded the Whitehead Prize of the London Mathematical Society.

Careers Fair a success



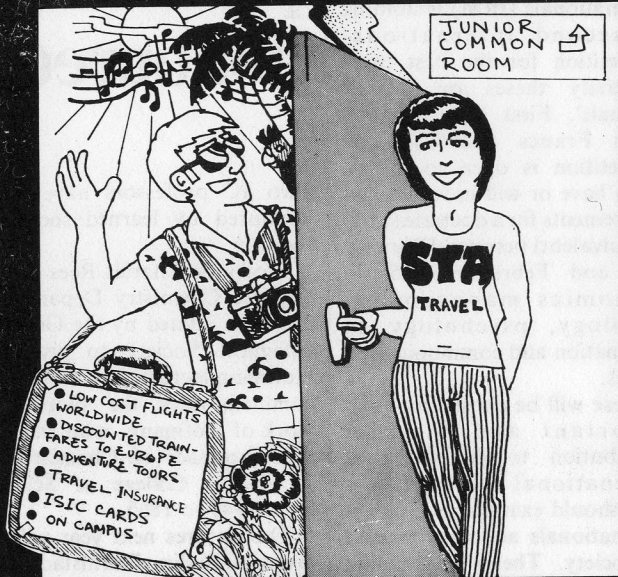
The organisers of Wednesday's Careers Fair judged it to be a success.

Over sixty companies were present and the general impression was that there were more jobs on offer than in previous years.

Careers Fair is organised by IC Industrial Society in collaboration with the Careers Department.

Photo: Ian Wood

ULU Travel is now on campus



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

STA travel

Tinker

Here is a quite excellent puzzle sent in by Dimitus Kabilufkus (who needs no pseudonym) an EE P/G.

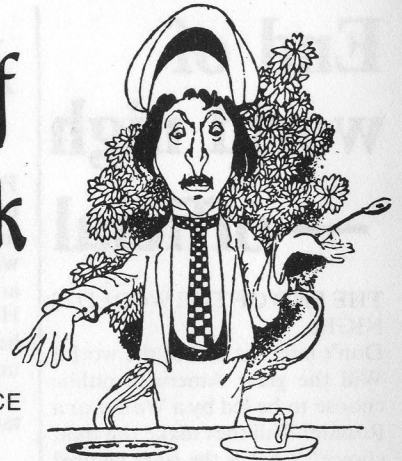
One computer needs to communicate with another down a phone line using an 'alphabet' of the 5 letters A,B,C,D, and E. Unfortunately there is a roughly 50% chance of the transmitted letter being corrupted, and received as the next letter in the alphabet (ie A becomes B, B becomes C...and E becomes A). To overcome this problem we must define five pairs of letters such that when one pair is transmitted (one letter after the other), the receiving computer will be able to distinguish which of the five pairs was sent without possibility of error.

All entries should be handed in to the FELIX Office by 5.30pm on Friday 9 November.

GRADE 3

There were many different solutions to last fortnight's puzzle. The clue to 29 down—(cc) evoked three different solutions—seduce, recede and seance, all of equal merit. Seduce was the one I was looking for and is perhaps slightly more apt than the other two. Of the six correct solutions I A Façandini was the lucky winner and may collect his £5 cheque from the Felix Office.

Recipe of the week



POTATO CURRY AND RICE

This is what I call a 'rent week' recipe: it will stuff two adults for about 60p.

First, the rice. When Japanese sailors were fed white rice they all developed beri-beri, warts, and never played the violin again.

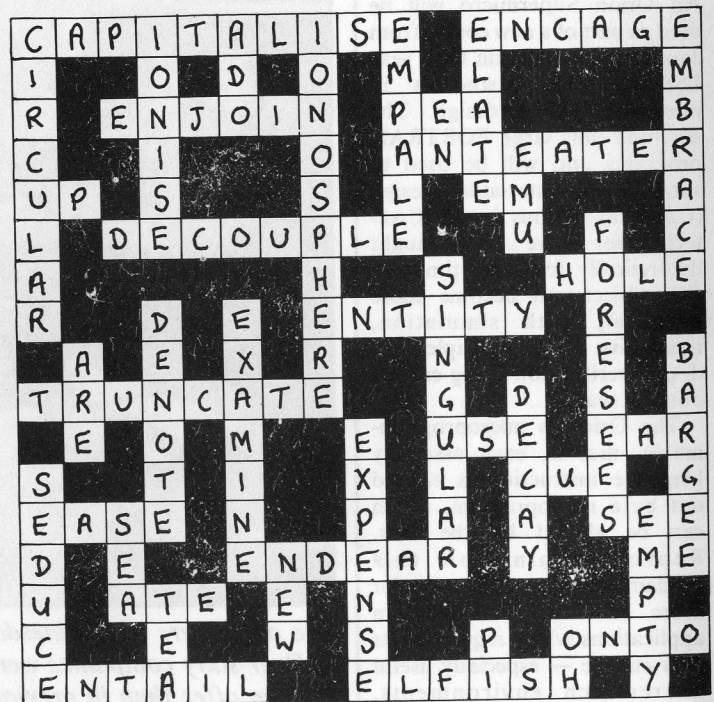
Nevertheless, brown rice is always soggy, ugly, takes ages to cook and is either mushy or chewy, so I use Basmati rice, which is the tastiest of the white rices.

Perfect rice is simple; 1¼ measures of water to one measure of rice. As a rough guide, a half-pint glass filled with uncooked rice grains is enough for a family of four.

Rinse under running water for one minute. Drain and put in a saucepan with a lid. Add 1¼ measures of water, put the lid on and bring to the boil. Immediately turn the heat off and leave for eight minutes. Stir briefly to fluff it up and serve with curry.

1½ lbs of potatoes, sliced, two medium onions, sliced, dessertspoon of curry powder, ½ bar of coconut cream (from any supermarket or Indian grocer's), and a tablespoon of cooking oil.

Fry the onions in the oil until they begin to brown. Add the rest of the ingredients, stir and almost cover with water. Boil in an open saucepan for about fifteen minutes, stirring occasionally, until most of the water has evaporated. Serve.



Graham Brown – Loan Ranger

The last 20 years have witnessed much debate in the field of Government policy towards higher education, and in particular the financing of students at universities and polytechnics. There is now a growing movement amongst both students and academics to question the principles which underlie some of the reports of enquiries into higher education undertaken by previous governments. This article sets out Graham Brown's views in favour of the introduction of a loans scheme for financing students to replace the present inadequate system of means-tested grants.

Background

The two reports which have since become the foundation of current policy towards financing students are the Anderson report of 1960, establishing the principle of awarding a grant as of right to every student who is accepted for a first degree course; and the Robbins report of 1963 which recommended that courses of higher education should be available for all those qualified to pursue them.

Several factors now force a reappraisal of these (hitherto) guiding lights. First, the underlying philosophy of the present Government toward rolling back the frontiers of state socialism, and to restore freedom and responsibility to the individual. Already we have witnessed the long-standing moves towards making overseas students bear a greater proportion of the costs of their education. Should not all students, not merely those from overseas, shoulder more of the responsibility for their education themselves? Secondly, this Government is committed to 'firm control of public spending' as stated in the Conservative Manifesto of 1983, and since Education now accounts for some £13 billion of public expenditure it cannot be considered unworthy of consideration. The statistic is accentuated by the increase in the student population due to the higher birth rate of the 1960s, and the greater disposition of those in sixth-forms to continue their educational studies on a full-time basis. While British opinion in the past has been inflexibly opposed to the principle of student loans, with both the leadership of the National Union of Students (NUS) and the Association of University Teachers being against the idea, recent research by educational economists have fuelled the growing movement amongst students in favour of a loans scheme.

The failings of the present system

The intentions of the Anderson committee in the direction of a more equal social distribution amongst students was commendable, but the grant system, rather than providing the necessary impetus to encourage a greater diversity of social backgrounds has merely preserved the position of 20 years ago. If one looks at the occupation of a student's father as an indication of social class, less than 1% of students come from a manual worker background; a proportion that has remained approximately constant since 1951. Clearly higher education has not become more available, and indeed the reverse may be argued when we consider the number of full-time students in Britain has increased by 260% in the period 1951-80. Having established that the aim of higher education financing is to make it more widely available, it now appears that the present grants system is the least equitable method.

At present the primary objection to the grants by students is their inherent heavy reliance upon the continued financial support of their parents, who often resent being expected to finance those who, although still dependant, are over what the state has declared to be the age of majority. It is evident from various surveys undertaken recently that a very large number of parents either can not or do not make up the grant to the recommended level (A recent NUS survey revealed that over 60%

of parents fail to meet their financial obligations).

While some are unwilling to pay their contribution, many more are simply unable to do so. The present system of assessing parental contributions on the basis of earnings 18 months in the past fails to take account of change in circumstances, while the disincentive effects of the rise in marginal tax rates due to the system of means testing the grant (estimated at over 60%) leads to a situation where many students suffer financial hardship when their parents fail to pay their contribution, resulting in many students having to survive on an income below the so-called 'poverty line'.

Not only has the present grant system failed to meet its original objectives, but in practice it has contributed to the poor image of higher education among the public. The present system has little support from the taxpayer, and there is therefore a clear political advantage to be derived from a change to a loans system. It is widely believed that students are 'having it easy' at the taxpayer's expense, and such a view will obviously remain while the evidence continues to show that the children of higher income earners are being subsidised through government grants by the taxes from those with less income, and whose children have either no wish to take advantage of higher education, or who lack the academic ability to do so.

The Case for Loans

The inadequacy of the present system has been demonstrated, and this tends to increase the wide discrepancies in the financial requirements of students. For example, those at different establishments face widely differing costs for the necessities of life such as accommodation—a student in Glasgow may well find it as expensive, if not more so, than in London. The course subject may also determine the level of student expenditure, for while the science student is faced with the purchase of a wider range of typically more expensive text books and often has to purchase special equipment, his colleague on an arts course without such heavy expenditure will receive the same grant. A loans scheme would therefore enable a closer correlation between a student's needs and his income to be established.

The mandatory grant, free of parental contribution is often proposed by the NUS as a method of student financing. Yet this is completely unrealistic in the current economic climate and given the not inconsiderable benefit a student receives from his education there is a clear case for him to meet the cost of it himself. Britain is in a distinct minority for retaining a grant system, and amongst other Western nations operating loans there is a wide measure of student support for such a scheme.

Under a loans scheme, education would be viewed as an investment for the student and the shift in responsibility from state to student inherent in such a scheme would tend to result in a greater commitment to studies. Instances of NUS militancy and student discontent would be replaced by more civilised behaviour in a sound academic environment. A loan would provide an efficient means for market forces to determine the supply and demand for higher education places by encouraging students to follow courses for which

there are more opportunities in graduate employment, for example the sciences and engineering at the expense of non-vocational subjects.

It is often suggested that there would be no incentive for a potential student to undertake a higher education course under a loans scheme because of his obligations to incur debt, which, especially among students from a low-income background, he may be unable to repay at a later date. In practice given the ready availability of funds for loans on acceptable terms, low-income students would be as willing to borrow as higher income students.

Details of a loans scheme are complex, but the recent work by Lewis, Sandford and Thomson incorporates a survey of student and public opinion and presents a suitable framework on which to model a loans scheme in practice. The survey indicates substantial support for a government backed scheme with zero or low real rates of interest, a feature common to the many loans schemes operating in Europe. The report estimates that such a scheme could be self-financing in a relatively short period of time, and hence enable real savings to be made in the education budget in the long term. The study recommended that loans should be repayed only after an initial four year moratorium on payment, and not until a certain minimum income had been reached. Even then it would be calculated that loan repayment would add only an extra 5-10% to a graduate's tax contribution, with the likelihood being that employers, realising that graduates were funding their own education, making appropriate adjustments in remuneration levels, leaving little net financial penalty with the graduate. Clearly these figures are only indicative, but they do show that an excessive burden would not be placed on the undergraduate commencing a course of study.

While loans require a different administrative system to grants, the potential cost of bureaucracy cited by its opponents may be overstated since it would be feasible, as in Denmark and the USA, for the commercial banks (who have well established facilities for individual loans) to administrate a student loans scheme on behalf of the government.

Conclusions

The findings of the Anderson and Robbins Committees are now over 20 years old and still we see no greater equality in the social background of students. The means tested grant has reinforced rather than broken down the social barriers to education. There is great resentment by students towards continued dependance upon their parents and in many cases the parental contribution is not paid in full. The inflexibility of the present system further results in considerable financial hardship for many students.

Apart from loans there are two alternatives to the means-tested grant; namely mandatory grants (both politically and economically unrealistic), or a voucher system which has already been discounted by the present government. A loans scheme therefore represents the only viable alternative to grants.

The present system, while failing to meet its original objectives, is undermining higher education by imposing an ever increasing strain on the educational budget. A loans scheme offers financial benefits to both students and central and local government, and as such the means tested grant should be abolished.

The merits of the loan scheme, independence, responsibility and self-determination, are deep-rooted pillars of Conservatism and as such I urge the Government to include the abolition of the means-tested grant as part of its programme to roll back the frontiers of state socialism. The present system cannot be justified to those who believe in market forces and individual freedom. I urge the Secretary of State for Education and Science to abolish the grant system and introduce student loans at the earliest possible opportunity.

Fishy Tales

& Tasty Morsels

EEK!



By B.B. Wolfe

Hello folks, I'm back. After a lengthy absence Mr Rowe has decided to put me in charge of scandal, exposé and slander again.

So watch it, all duffers. What B B Wolfe doesn't know about you isn't worth knowing.

Old Fart

Richard Williams, the Haldane Librarian, is fast earning the title of 'most hated man at IC'.

Williams seems to take the view that

readers are an encumbrance sent to interrupt his 'historical' researches. His colleagues have tried repeatedly to get rid of him; on one occasion he was farmed off to a departmental library but had to be sent back after protests from the Head of Department.

Subsequently he was sent off to a number of distant library conferences, only to create such a bad impression that the organisers refused to have him back.

So it looks as if we're stuck with Williams in the Haldane. Fortunately we can rely on his pleasant and hard-working staff to serve us properly.

Chinks in the armour

It is not often that there is public disagreement between those at the top of the College hierarchy.

How surprising it was, though, to see the venerable crack at Commem Day when the Honourable Sir Henry Fisher, Chairman of the Board of Governors, made an impromptu speech criticising everything that the Rector, Lord Flowers, had just said.

Flowers, known to his staff as 'Bean', had no comment to make about Sir Henry's behaviour!

Hippo

Another amusing incident at Commem Day

concerned Jo Claydon, who had the prestigious job of leading the Rector's procession on to the stage.

Unfortunately one of Hippo's shoes got stuck in a grating as she walked on to the stage.

With great presence of mind she continued barefoot, and collected her shoes on the way back.

Lady Flowers found the whole thing most amusing. 'A jolly good job it wasn't your knickers, deary,' she said!

Sloth

Hon Secs aren't traditionally very hard working — but Eric Darbyshire really takes the biscuit.

Eric gets in the Union Office at about 12.30pm most days. After lunch, which usually ends at about 2 or 3pm, he does a bit of Gestetnering.

By 3.30pm he's so knackered he has to retire to his plush office, with girlfriend in tow, in order to discuss 'Union Affairs'.

The day ends with a few gallons of beer down at the 'Trough and Bucket', and then it's back to hibernation.

PS All loony, Sheffield/Union nonsense gratefully received. Send gossip to the Felix Office marked 'B B Wolfe'.

PARKING PERMITS

The following people have been allocated parking permits on appeal. They should collect their permits from the Union Office as soon as possible. A large number of barrier cards remain unreturned; the Hon Sec would like them back.

Name	Dept
I ABDELATIE	CIV ENG UG
ARAIM	DoC UG
M BAKER	ME UG
R S BOURGI	MAN SCI PG
I CAMERON	EE UG
F CARR	PHYSICS UG
T S CHAN	ME PG
Y K CHUNG	EE PG
P FERNANDER	EE PG
R FORTY	PHYS PG
S GOUVDRAS	MAN SCI PG
K HAMPPEL	PHYS UG
M HEASMAN	CHEM ENG UG
G HILL	DoC PG
A HOWARD	CHEM ENG UG
R JUNDI	MAN SCI PG
P KALRANIS	AERO PG
P LANG	PHYS PG
S K LAW	AERO PG
S C MAH	CIV ENG UG
N J McCULLOCH	ME UG
S MORTELAVE-SEMNIANI	MATHS UG
R MOTTA	MRE PG
J MIVANGI	BOTANY PG
R PALAMOUDIAN	CIV ENG PG
R T READ	MRE UG
N RENN	LS UG
N SARSENTIS	ME UG
R SENOJAJA	CIV ENG PG
D SIMAS	MAN SCI PG
V B SINGH	CHEM ENG PG
M N SODAM	CHEM ENG PG
T SHERIFF	CHEM PG
M SMITH	CHEM ENG UG
A SULEMAN	AERO PG
N TAN	MAN SCI PG
M THOMPSON	CHEM ENG UG
S TURNER	DoC PG
S VIJAYAKUMAR	CIV ENG PG
P WARREN	CHEM ENG UG
N C WONG	DoC PG
L J WU	EE PG
N J WOODER	PHYS PG

STILWOOD PARK ENTS AND POSTGRADUATE SOC

BONFIRE NIGHT PARTY

PRESENT A

BONFIRE NIGHT PARTY

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CINEMA

Gabriela in Brazil

Gabriela MGM

I believe that you should nearly always go to a film with an open mind. Having preconceived ideas or knowledge of the plot can often spoil a film or its 'stunning' effect. This film is not however one of those cases.

The plot follows the, almost soap opera type, story of a small Brazilian town, Ilhéus in the 1920s. There is a colonial power of Spanish upper class, but the times are changing. The start of promiscuity and an insignificant sub-plot of political upheaval and murder. The town is made up basically of 1) women who spend all their time trying to get the men, 2) the working men like school teachers and bar owners and 3) the colonels who make up the rest of the upper class men and spend their time drinking in the bar.

Life was simple in those days. The only rule was that the husband should always kill his wife and lover when he finds them together.

Marcello Mastroianni is the bar owner (a well known spanish actor) who takes on as his new cook Sonia Braga who although unheard of here is a famous Brazilian Sex Symbol (although starting to age). Their love is seething and intensely physical. There is little of the mental torment of love conveyed here.

The whole film however has a strange pensive atmosphere that conveys the romance yet not the harsh violence of this typical Brazilian town (Glamour again). It is hard to pin down this atmosphere but it seems mainly due to the music. Apart from one or two songs the background music (although not always appropriate) is wonderful. Bringing to mind films like *Death in Venice* and *Merry Xmas Mr Lawrence* where the music does not seem to fit but is so good that it adds to the film in its own right. Antonio Carlos Jobin, another Brazilian, wrote the music. His song 'Girl from Ipanema' might mean more to you I don't know. Enjoyable, but I know some people don't like reading sub-titles take your glasses.

SINGLES

45 rpm

Dee C Lee: Don't Do It Baby

I thought 'Selina Wow Wow' was brilliant, and when this one came into the office, I was hoping for more of the same. Unfortunately though, the record company has clearly decided 'Selina' wasn't Funky enough, and has released this primarily as a club record. It'd be great on the dance floor, but for listening to? Nah!

Kim Wilde: The Second Time

Composed and produced by daddy — Marty Wilde — Kim attempts to get back the success 'Kids In America' brought. The difference is, that 'KIA' had a great tune, infinite energy, and ok lyrics. 'The Second Time' has none of these. In fact, I suspect the only people buying this will do so purely for the picture sleeve: incredible high heels!

The Alarm: The Chant

This reminds me of something else, but I can't quite put my finger on it. Maybe it's just one of those great songs that sound 'old' even before you've heard

them. I loved 'The Stand', but since then, The Alarm have produced very samey singles. And how can anyone hope to get a political message across with words like 'Weialala lela, wellala'?

Paul Young: I'm Gonna Tear Your Playhouse Down

I have a soft spot for Paul Young, having 'got into' his music long before it was trendy to do so. Also this new single has my favourite PY song — 'Broken Man' — on the flip of the 12 inch. However, despite numerous listens, the A-side fails to impress. His voice is as excellent as ever, but the song is basically duff.

Streethart: Snow White.

Streethart are a Canadian HM band (so that's why you haven't heard of them!!) who are trying to break into the British Music Scene. Unfortunately, they plan to do this by mellowing their rock, and adding random 'Sha Na Na's'. At least that's what it seems like. Canadian rock has a lot to offer. This is not it!



Gabriela—played by Sonia Braga—a well known Brazilian Sex Symbol? Great music, but don't forget to take your glasses, the film is in Brazilian with subtitles.

Bookshop News

Quite often I ask for people's comments on new titles. Recently I have asked certain members of the administration staff. Their reactions are enlightening. Top of the list is 'Maia', 'H G Wells in love' and of course, a certain pop-up book, which can be kept in my office for collection. I wonder if one's reading likes and dislikes should be taken into account when recruiting new staff?

New Titles - Hardback

Maia — Richard Adams — Viking £12.95

Mexico set — Len Deighton — Hutchinson £8.95

Job — a comedy of justice — Robert A Heinlein — NEL £8.95

The first dance of freedom — Martin Meredith — Hamish Hamilton £12.95

The Fourth Reich — Linklacer, Hilton & Ascherson — Hodder & Stoughton £9.95

So much love — Beryl Reid — Hutchinson £3.95

Hit me again — Jack Aspinwall MP — Buchan & Enright £4.50

Times Diary cartoons — Barry Fantoni — Blond £4.95

Not many people know that — Michael Caine — Robson £6.95

Paperback

Jolliffe & Mayle — Pan £2.95

The field bedside book — Wilson Stephens — Robson £3.95

The Royal shopping guide — Nina Grunfeld — pan £5.95

The transfer — Thomas Palmer — Fontana £1.95

Worldly goods — Michael Korda — Corgi £1.95

The secret keeper — Shirley Eskapa — Pavanne £1.75

Blind prophet — Bart Davis — fontana £1.95

Jurgen — James Branch Cabell — Allen & Unwin £2.95

The war lord — Malcolm Bossie — Fontana £2.95

Chains of fate — Pamela Belle — Pan £2.95

Nothing to lose — Consuelo Baehr — Pan £1.75

Has anyone seen an internal telephone? Five weeks ago at great inconvenience to myself and my staff, a cable was laid between my office and Katherine Choi's office. She deals with an enormous number of customer orders, but as yet we haven't had a phone connected. As this most excellent paper is read by most, I wonder if one of either our own telephone engineers or BT's could help.

MOUNTAINEERING

Cornish Climbing

Last weekend IC Mountaineering Club made its annual trip to Cornwall. Climbing took place on the magnificent cliff at Bosigran and Chair Ladder. Routes included Suicide Wall, Thin Wall special, Beowulf, Bishop's Rib, Doorpost, Little Brown Jug and Alison Rib (at night). A special mention goes to Dennis Hicks for bravery in the face of adversity and Dave Idenden for a superb display of high diving off the 10m board of Flannel Avenue at Chair Ladder.

Next meet is in the Peak on 9/11th November. As always meet every Tuesday night, Southside Upper Lounge at 9.00pm.

3W1

Charity starts at Home

'Charity starts at home' he said when provoked by a persistent collector.

And so it does...But where does it end?...Yourself?...Your family?...Your country?...Humanity? This cliché defines only one limit to charity. 'What can I do', he said mechanically while completing his differential equation.

Think about it. Then act! Your career can stand one unsolved abstract equation and even your body can cope with the lost drinking time...but think!

'What do they do with my money?' he said raising his eyes and lightly contemplating the subject.

Find out, commit yourself to educating yourself and others concentrating on the projects and problems in the Third World.

'How?' he asked pushing the problem sheet to one side and resting his pen.

Yes, you've guessed it...come to a Third World First meeting, see what you think, then act.

'When do you meet?' he asked imploringly.

Most Monday lunchtimes at 12.30pm in Elec Eng 403a. Keep your eyes on the FELIX 'Diary' spot and put a message in my pigeon-hole giving me your name and department.

'What do you do?' he said, now leading the conversation. We invite speakers from various charities and pressure groups to tell us what they do and how we can help them.

We discuss your ideas on, and other student's experience of, the Third World.

We campaign to raise money and consciousness. Anti-Poverty action week (5-9 November) and our sponsored fast (20-22 November) are two important features of our term.

Find out more from, Andrew Causebrook Elec Eng 2.

WINE TASTING

Mischievous Little Number

Some are born great, some achieve greatness, some have greatness thrust upon them...others just join the Wine Tasting Society.

Amaze your friends with knowledgeable comments on Rioja wines.

Excite your relations with tit-bits of info about the viticultures of the Loire.

Get slightly sozzled for as little as £1.50, by joining the Wine Tasting Society.

Here is your chance to join one of the most popular clubs at Imperial, try up to eight wines while an expert relates background and anecdotes about the region, grape varieties and vineyards. You are provided with a Tasting Sheet to make those invaluable little comments like 'This one's nice!'.

Events on the calendar include tastings from Loire Valley, Cabernet Sauvignon, fortified wines, sparkling wines (before the Christmas Dinner), Alsace, California and Australia. We hope to arrange trips to France (duty free *vin*) and to an English Vineyard.

So if you are tempted by this offer, come along any Tuesday at 6.00pm, Senior Common Room, Beit Quad or contact Robin Jones Mech Eng 3.

PHOTOGRAPHIC

Shot in the Dark

To start with, I'm sure it's illegal to store toxic substances in orange-juice bottles (and if it isn't then it should be), and what is worse this filthy practice makes the darkrooms look untidy. Nearly all member's chemicals which are currently stored in the new darkroom are contained in beer/lemonade/orange-juice bottles, usually lumped together in an old supermarket bag. If any of these chemicals belong to you would you please put them in more suitable bottles, label them with your name, department and date made up and put them in a small cardboard box (not a plastic bag), also with your name on it, and place in one of the cupboards or under the bench.

As you all know, on Tuesday 16 October, we had the second of our now traditional photographic competitions against the Holland Club Photographic Society. I won't waste space by describing this magnificent occasion, except to say that as expected we completely wiped the floor with them. Also, for anyone who didn't come to our slide show on Tuesday 23 October, I would just like to

say how excellent it was. We will probably be arranging another one of these towards the end of term, so watch the FELIX Diary column for details.

On Thursday 8 and 15 November there will be Cibachrome demonstrations in the old darkroom at 6.00pm. Anyone interested should sign the list on the noticeboard (Union Main Entrance).

Sometime next term (or perhaps later this term) we would like to organise a day out to the National Photographic Museum and the Kodak Museum. Unfortunately both these institutions are in Bradford, and so we will need to arrange transport, bodyguards, protective clothing and so on. In order to find out how many people are likely to want to come we have put a list on the noticeboard where you can write your name and preferred date.

POSTGRAD

Silwood Bonfire

First of all I hope all the new PGs have settled into work and College, and are not too dissatisfied with the prospects of graduate studies.

On the social side of the group's activities I should like to thank all those who turned up for the first group meeting and the disco that followed. I'm sure all those who attended enjoyed themselves at what was undoubtedly the most successful PG event in recent years. Sadly last week's buffet and disco was not so well attended, but still enjoyable thanks to Silwood and Life Sciences for providing a large proportion of the numbers.

Our next event is a joint Silwood/South Kensington Bonfire Night Party on Friday 9 November. Tickets are only £1.75, which includes the cost of the coach, BBQ, bonfire, fireworks, disco and late bar. This must be the bargain event of the year and there are only 50 tickets, available from either IC Union Office or the PG reps.

A number of people have already asked for tickets, so get in quick to avoid disappointment. The coach will leave from the Union at 6.00pm returning from Silwood about 11.30pm.

May I remind a number of departments that they haven't given me the name of a departmental rep. Don't complain to me if you miss out on future events. The departmental allowance, part of our grant, is running out rapidly so if you want a share I suggest you submit a written estimate to Jim Brannigan, Biochem as soon as possible.

Finally we intend to hold a formal postgrad dinner the week before Christmas. If anybody has any ideas or suggestions please see me, Chris Hendy, or any of the Committee soon.

SNOOKER**First victory soon?***Snooker*

Manor park—7 IC—5

When a team is still awaiting its first win of the season, a visit to Manor Park seems quite a daunting prospect. However, playing against one of the top teams in the league IC produced their best performance of the season so far, just losing by the odd frame in this best of 12 frame match.

Ian Grindall, Jared Quereslin and team captain, Michael Powell each captured a frame while, John West did particularly well to win both of his frames in this difficult away match.

Hopefully on the strength of this performance that elusive first victory of the season is just around the corner.

WATER POLO**Draw with Isleworth***Water Polo*

IC vs Isleworth 5—5

IC vs Lloyds 5—6

The IC waterpolo team opened this year with two good matches. The score lines reflected close contests with some great play after a long summer lay off.

Against Isleworth, Imperial opened the scoring. Four quarters later two results were rumoured, a 6—5 win and a 5—5 draw. The latter score was official.

The match with Lloyds was a fixture for the Freshers team. At half time Imperial were 3—1 ahead. Lloyds however have a reputation for making the most out of a marine crisis and pulled back to a 5—6 win.

This year there are plans to put together an IC second team for the middlesex league. Any Fresher or would be polo player coming to the training session will be welcome to play. (water polo and swimming 6.30 Mondays IC Sports Centre).

X-COUNTRY**Imperial defend cup***X-Country*

On Wednesday Imperial began their defence of the London Colleges League Trophy at Hampstead Heath. The Northern duo of Graham Harker from the Brendan Foster Stable, and Gregor Booth the last surviving Stirling Albion supporter both performed well on the soft ground to take 6th and 13th respectively. The lads packed 5 in 45 to take 2nd position in the league and the ladies should be well pleased to be in the top half of the table with only 3 IC runners competing (please note).

Back to Hampstead Heath on Saturday for a relay disorganised by University College: After a half hour delay whilst it was explained in vague detail which trees to run round, someone said 'go' and Jon Lea set off at 'cruzing' speed in eager anticipation of the post race tea. The tactic paid off as the rest of the team missed out on chocolate cake. Graham put up one of the fastest times of the day (a dangerous gamble in view of the closeness of the track season) and was rewarded with four ladies team medals?

GOLF**Sudbury**

IC vs Surrey Univ 24.10.84

Last week's match was held at Sudbury Golf Club, which has accepted affiliation from Golsoc and will be the venue for forthcoming society events.

Although a course of great promise, not having too many bushes to lose balls in it was somewhat marred on Wednesday by near-monsoon conditions, which threatened to turn the game into a test of who could swim best with a set of clubs round his neck. Nevertheless, six foolhardy fellows followed by a friendly fourball from IC set out to do battle. Despite a scorching 70 from one Mark Cox, the team were sadly beaten 4—2, and will therefore not qualify for the Ryder Cup this year. The fate of the fourball is unknown.

HOCKEY**Losing trend to reverse?***IC 1st XI Hockey*

St Bernardo vs IC 2—1

Last Saturday, IC 1st XI were unlucky to lose a hard fought league game against St Bernard's Hospital (away). IC conceded an early goal but hit back immediately when an excellent run on the left wing produced a chance for D Gott with which he made no mistake. After this the college played some fine hockey but often came off second best in some strange umpiring decisions. Just before half-time St Bernard's again went ahead.

The second half continued in the same vein as the first with IC playing skilful hockey which usually ended with a less than skilful tackles. Although the final score was 2—1 the team played well as a unit and the recent trend of results will soon be reversed.

Team: J West, A Stewart, P Smith, K McCormick, N Collie, P Lufkin, M Hall, M Hedges, N Hope, P McGillirroy, D Gott, P Dubenski.

Amid torrential rain and darkened skies on Wednesday the 1st XI hockey put up a fine display against Surrey University, and lost. led by captain Andy Stewart, who demonstrated, an inability to score at at penalty flick, the team kept its season aggregate of goals at one. The game was once again marred by the lack of umpires; a position which was competantly filled by Morris in the first half and Paule Lufkin in the second. The latter, despite his respiratory difficulties, did especially well in disallowing two Surrey goals. The Surrey umpire was best summed up by Ian Parker whose advice about the purpose of a whistle was happily cut short in time for him to avoid an early shower. Surrey did score two goals which were not disallowed.

Team: J West, A Stewart, P Smith, K McCormick, I Parker, M Hedges, P Oliver, N Collie, P Dubenski, N Hope, J Baxter, P Lufkin

HOCKEY**Goalie lost***Hockey*

IC vs Harrow Town Swans 4—4 Despite losing our goalie to the 2nd XI, and only managing to field 10 men the thirds put in a lot of effort to achieve a fair result. Replacement keeper Vernon Morris made some courageous saves and was very well supported (as ever) at the back by capt Chris Harrison and guest Mark Cubitt. All the forwards, Marcus Shephard, Per Dillforce, Tim Allen and Ian Mace, earned themselves a goal each. Thanks go to John the Swan for making up the numbers.

Team: Vernon Morris, Chris Harrison, Mark Cubitt, Craig Honey, John Spencer, Ian Mace, Marcus Shepherd, Tim Allen, Per Dillforce, Steve Brooker

IC Indoor Hockey vs Hampstead, Hounslow, Eastcote

Having previously decided that scores of 0—10 would probably be quite respectable, the IC indoor 'squad' left for Harlington sports centre in a somewhat nervous mood. The draw for the national K.O. had not been very kind, pitting us against 3 very strong sides. The games proved to be useful experience for a side that had never played together. The first game, vs hampstead, was very tight in the first half with college defending well; and saw the sides level at 1—1 at half time. In the second half the opposition overwhelmed a somewhat bedraggled defence to finally win 5—1. The second game, against the strongest of the three sides (Hounslow), gave an equally close first half with Phil scoring a flick at one end and another being saved at the other. The start of the second half saw college take a surprise 3—2 lead only to be finally overcome by a very experienced side 5—3. The final game saw, perhaps, our only chance of victory disappear in a rash 2 minutes in the second half. This allowed Eastcote a somewhat unjustified victory of 7—4.

Many thanks to all nine for turning out, and to Jim for getting us there and back. Team: J West, G Ayers, (capt) P Oliver, D craston, A Creeth, L Brammer, J Ward, M Hall, and C P Jones.

HOCKEY

First league win

IC Hockey 2nd XI vs Hampstead Cricket Club.
IC—2 HCC—0

Despite fielding in a weak side, due to the absence of five regular players, IC had their first league win of the season at Harlington on Saturday. During the first half, despite consistent pressure on the opposition's goal, IC could not convert their opportunities and half-time came with the score-line still at 0-0. The captain, having forgotten the oranges, did not have a chance to give a team-talk and this seemed to do the trick. The college attack looked much more threatening after the interval and, after 15 mins of further play, *Jonathan Sturgess* lopped the ball over the keeper's head and into the net. A second goal came shortly afterwards when *Dave Whitton*, who had played superbly all match, put Sturgess clear for his second goal. IC were then content to slow the pace of the match down and ensured victory with steady play.

Special thanks goes to *Jon Harvey* and *Julian Westcott*, two very raw recruits, who turned up at very short notice, enabling IC to field a full side.

UAU vs SURREY

	IC	SURREY
Badminton Men 1st	4	5
2nd	1	8
Ladies	7	2
Football 1st	0	3
2nd	4	2
3rd	2	4
Golf	2	4
Hockey Men	0	2
Ladies	0	3
Netball 1st	6	50
2nd	19	36
Rugby 1st	12	0
2nd	16	6
Squash	4	1

FOOTBALL

Hat trick for Dent

IC 2nd XI vs Surrey (UAU) won 4—2

After losing the first UAU game IC 2nd went all out to beat Surrey. In a tough match *Paul Dent* put us 1—0 up after a good flick on by *Pat Stamford*. Surrey equaled by a goal left foot shot and then took the lead early in the second half. Paul got a brilliant 2nd goal as IC superior fitness started to show. Paul's hat-trick was completed after a good strong challenge (foul) by Pat split the defence. A late goal by *Martin* from a good ball from *Kev* left us 4—2 up. A great team performance especially by the defence.

RUGBY

IC Rugby 3rd XV vs St Thomas 14—4

This week IC completed the whitewash with a stylish win over the Medics third. A full complement of fifteen men travelled to Surrey with the first XV and on a good afternoon produced some rugby worthy of their more illustrious colleagues.

Early pressure by St Thomas, before IC settled in, resulted in an unconverted try. But that was the last time the opposition threatened, even with a strong wind at their backs.

Excellent handling by IC backs in blustery conditions should have produced a hatful of tries however, tries by *R Chirchin*, *M Tester* and *S Turner* (converting his) were well deserved. A scratch pack performed well under pressure and a good game was had by all.

BADMINTON

Shoe Shortage

Mens II vs Kings College II
IC expected this to be a tough fixture as the 'team' consisted of drafted members of the third team and others — the regulars were seeking glory in the UAU.

Things started badly — only five pairs of shoes between six players, and the captain, revelling in his new position of power, tactically lost 2 games in order to test his new players under pressure. With the score standing at Kings 4, Imperial 1, the opposition captain left, worrying about the problems of being 'winning' captain (processing the score sheet etc). As a friendly gesture, to save him any trouble, IC won the remaining 4 games to clinch the fixture 5—4. With thanks to: *Dave Westland (capt)*, *Henry Lim*, *William Cheung*, *Raymond*, *Stephen Thomas*, *Toong Por Cheah*.

SAILING

IC 1st—2 University of Essex—0
IC 2nd—2 Essex—0

This weekend, IC Sailing team took the University of Essex and their fleet of 420's by storm.

For the first race the teams had to be towed to the race ground. The tide being stronger than the wind, the boats had little choice over the course. After some excellent tacking and some dubious moves from Essex we rounded the first mark. *Howarth* and *Bennet-Clark* took the lead and due to excellent tactics rapidly rounded the second mark and drifted through the finish line in 1st place.

The rest of the team followed in 2nd and 3rd place. *Baynes* and *Bevan* having sailed past *Robson* and *Hill* despite their problems in rounding the 1st mark.

Essex were disheartened and sailed our 2nd team. *McCleans* vibrant sweater could be seen at the front of the fleet. But *Larkam's* excellent trapeze work took *Larkham* and *Brinelow* into the lead. Again IC won 123.

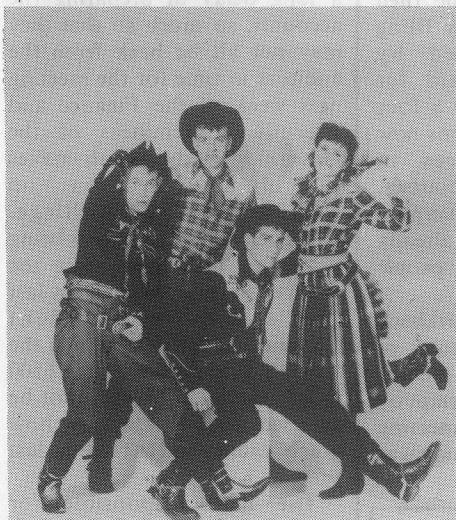
Two similar races followed and IC romped home winning all the races 123 — probably due to *Tosterins* excellent tactics.



IC Rugby at Harlington last Wednesday

Friday 2

- **IC RADIO** 8.00-9.15am Chris Ames with the Breakfast Show.
- **ICCND BOOKSHOP** 12.45pm JCR Sheffield. Buy your Christmas gifts, badges, posters. Have a cup of tea and please join.
- **ISLAMIC PRAYER MEETING** 1.00pm Union Building, follow arrows. Friday congregational prayers.
- **'THE FRONTLINE'** 6.00pm 53 Princes Gate, opposite Mech Eng. Christian Union. John Presdee is the guest speaker on Personal Devotion and everyone warmly welcomed.
- **IC RADIO** 6.00-8.00pm Alan Bennet.
- **YIP YIP CAYOTE** and B-Boat 8.00pm The Lounge, Union Building Ground Floor. £2, £1 to Ents cardholders.



- **HALLOWE'EN PARTY** 9.00pm Beit Hall TV Room. Fancy Dress Optional. Games. 30p and bring a bottle. Tickets from Beit Room 96 or 99 or on the door.

Saturday 3

- **IC RADIO** 9.00-12.00 DJ's Brecky Show.
- **IC RADIO** 6.00-8.00pm Stan Holt — starring 'The man with three buttocks'.
- **BOAT CLUB DISCO** 8.00pm IC Boat House, Putney Embankment. £1.
- **THE LOUNGE** 9.00pm to 2.00am The Lounge, Union Building Ground Floor. Dance music from 9pm to 2am. Free!

Sunday 4

- **BO BRIGHTON TRIP** 9.00am meet Beit Arch. Tickets still available today from C&G Union Office. Coach to Brighton £3.50, lunch in Brighton £7.50. Cars leave from Hyde Park 8.00am.
- **CHAPLAINCY SERVICE** 10.00am Consort Gallery Sheffield.
- **MASS** 11.30am and 6.00pm More House, 53 Cromwell Road. Mass, bar supper and talk.
- **IC RADIO** 12.00-14.00pm Steve Monteith with the IC Top Thirty.
- **HACK AND SLAY** 1.00pm Union Senior Common Room.

Monday 5

- **ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office, Top of Union Building. Pay as you eat lunch. Free.
- **HANGGLIDING MEETING** 12.30pm Southside Upper Lounge.

- **THIRD WORLD FIRST** 12.30pm Elec Eng 403A. A speaker from the Intermediate Technology Group will speak on their work with Third World countries.
- **NAT HIST SOC FIELD TRIP** 1.00pm Bot/Zoo Common Room. Meeting for allocation of places in minibus for Stodmarch and Sandwich Bay.
- **LEWES FIREWORK CARNIVAL** 2.30pm Beit Arch. Coach trip to Lewes Carnival, stopping en route to sell rag mags at Guildford. Price £3.
- **IC RADIO** 6.00-8.00pm live from 6 with Roland Hamp.
- **DANCE CLUB** 6.30 and 7.30pm JCR, Sheffield. Jazz Funk and Disco, 7.30pm Advanced Ballroom Latin. Price 75p.
- **JAZZ JAMMING SESSION** 7.00pm Jazz Room. Bring instruments.
- **X-COUNTRY CLUB** see club noticeboard (by union stairway) for details. Carbohydrate loading at Fats'o's Pasta House, Covent Garden. All runners/joggers welcome. £2.50/head.
- **IC RADIO** 8.00-9.00pm Philip Marsden with the Oldie Show. 9.00-11.00pm Raj Sing with Radio Spares. 11.00pm-01.00am Through Midnight with Hugh Southey.

Tuesday 6

- **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club meeting. Buy records, cassettes, videos etc at trade prices.
- **MASS AND LUNCH** 12.30pm Chemistry 231. Cathsoc.
- **SCAB NIGHT REHEARSALS** 12.30pm Concert Hall.
- **HOVERCRAFT CLUB MEETING** 12.45pm Lower Gallery, Linstead Hall.
- **SDP DISCUSSION MEETING** 12.45pm Elec Eng 403A. Subject UK Economic policy.
- **RIDING CLUB** 1.00pm Southside Upper Lounge. Meeting.
- **STOIC BROADCAST** 1.00pm and 6.00pm JCR (lunchtime only) Southside TV Lounge and all hall TV sets. Imperial Challenge! The quiz to find out who will represent us in the real thing.
- **WINE TASTING** 6.00pm Senior Common Room Union.
- **SCI-FI FILMS** 6.30pm ME 220. 'Escape from New York'
- **JUDO PRACTISE** 6.30pm Union Gym Beit Quad. Price 50p.
- **DANCE CLUB** 7.00pm and 8.00pm JCR, Sheffield. 8.00pm Beginners Ballroom/Latin. 7.00pm Intermediate Ballroom/Latin. Price 50p.
- **IC RADIO** 9.00-11.00pm Aids 'Virgin' Dye with the new chart.

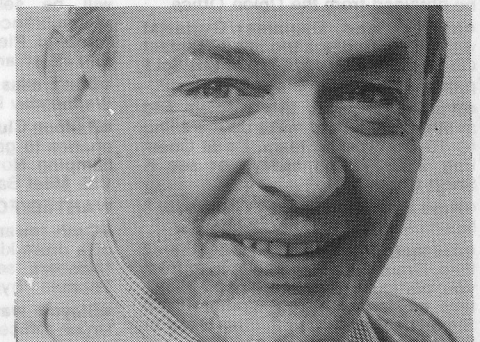
Wednesday 7

- **VISITING PATIENTS (ST PANCRAS)** 12.45pm Meet ICCAG Office.
- **LONDON X-COUNTRY LEAGUE** 12.45pm Union Stairway. Runners of all standards welcome.
- **ICCND VIDEO** 1.00pm Huxley Basement 130. 'The Eighth Day' looks at the scientific theory behind the nuclear winter concept.
- **WORKSHOP ON EVANGELISM** 1.00pm Huxley 341.
- **WARGAMES** 1.00pm Union SCR. 10% Discount on Games. Membership £1.50.
- **ISLAMIC TEACHINGS** 1.30pm 9 Princes Gardens. What does Islam, Monotheism, etc mean.
- **MICRO CLUB MEETING** 1.30pm Mines 401. Membership £2.00.
- **DRAMA WORKSHOP** 2.30pm meet Dramasoc Storeroom. Come and take part in some silly games and 'improvised' drama.

- **C&G MOTOR CLUB RALLY** 7.30pm Mech Eng 750. Drivers' and Navigators' meeting for Friday's Rally. All competitors and marshals must attend.
- **DANCE CLUB** 8.00pm JCR, Sheffield. Beginners ballroom/Latin. Identical to Tuesday Class. Price 50p.
- **THE END OF THE WORLD PARTY** 8.00pm JCR. Featuring a special live performance by the legendary GENO WASHINGTON & THE ACE BOOGIE CO. Price £1.50.
- **IC RADIO** 9.00-11.00pm Jams's Rock Show.

Thursday 8

- **METHSOC** 12.30pm Chem Eng E400. Informal Meeting, lunch available.
- **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record Club Meeting. Buy records, cassettes, videos, etc at trade prices.
- **ICYHA BUTTIES** 12.30pm Southside upper Lounge. our weekly meeting with information as this term's coming events. All welcome.
- **SDP BAR LUNCH** 12.30pm Southside Bar. Chance for an informal chat over a pint.
- **METHSOC** 12.30pm Chem Eng E400. Revd Brian Cooper of Christian Action for East West Reconciliation will be leading the meeting on 'Religious Freedom — The Churches in Eastern Europe' lunch available.
- **STAMP CLUB** 12.45pm Chemistry 231. Meeting.
- **BALLOON CLUB MEETING** 12.45pm Southside Upper Lounge.
- **S F SOC LIBRARY MEETING** 1.00pm Union Green Committee Room. Access to the society's 600 volume library. All members welcome.
- **STOIC BROADCAST** 1.00pm and 6.00pm JCR (lunchtime only) Southside TV Lounge, and all hall TV sets. Newsbreak: including (we hope) dramatic shots of Bo in the Brighton Rally.
- **CONSOC SPEAKER MEETING** 1.00pm RSM G20. Teddy Taylor MP speaking on current affairs and European Reform.



- **REMEMBRANCE READINGS** 1.15pm Read Theatre. Poets Gavin Ewert, Carol Anne Duffy and members of staff will be reading works of literature on the theme of war and peace.
- **QURANIC CIRCLE** 1.30pm 9 Princes Gardens. Learn how to read the Quran.
- **JUDO PRACTISE** 6.30pm Union Gym Beit Quad. Price 50p.
- **SCAB NIGHT REHEARSALS** 6.30pm Concert Hall.
- **ICCND FILM: 'THE REFUSAL'** 7.30pm ME 220. An appropriate film for remembrance about a man who refuses to fight for his country because he believes Nazism is wrong. Price Members 20p/Non-Members 50p.
- **ICCAG SOUP RUN** 9.15pm meet Weeks Hall, Princes Gardens. Taking soup, biscuits and meeting some of London's homeless.

SERC revises rules

The Science and Engineering Research Council (SERC) the body that funds much postgraduate research, has revised its research grant conditions.

The main changes are that any assistant on an SERC project may now use travel funds from the grants, and that expenditure on equipment and consumables during the final six months of the grant will not, in general now be accepted.

In addition, it has been decided that the SERC approval must be obtained before equipment can be used by anyone other than the investigator or his departmental colleagues.

The 1984 SERC Grants Booklet is available from the Research Contracts Office, Sheffield.

IC MEng motion defeated at ULU GUC

A motion supporting IC's attempt to make the University of London award MEng degrees for four year engineering courses was defeated at General Union Council (GUC) last Monday.

GUC is the sovereign body of the University of London Union and decides ULU policy and funding. Each college within the university has a number of delegates on GUC.

The motion, which was proposed by Imperial College, was designed to mandate ULU representatives of University of London Committees to support the efforts of Imperial and Queen Mary's Colleges for the introduction of the MEng award.

External Affairs Officer, Jo Claydon, proposed the motion

and explained that many engineering students did the equivalent of a normal three year course with an extra year of management science. She then explained how originally BEng had only been used by universities as an award for students who had done a four year course but institutions now awarded BEng degrees to students on three year courses. Bath University and Liverpool Polytechnic, she added, already award MEng degrees to people on four year courses.

Representatives of Birkbeck college and the Institute of Education opposed the motion saying that it was an attempt by IC to set up an elitist engineering college. On a vote the motion was defeated.

Booery Woolery

Every year all the College's accounts, including the Union's, are drawn up by accountants in the Sheffield Building for presentation to the external auditors. This year there has been a long delay in preparing the accounts, so much so that they may not all be back from the auditors in time for the meeting next week of the Finance and Executive Committees of the Governing Body, which makes the ultimate decisions on spending in the College. Particular inconvenience is being caused to the Union since the effect of the mistake made by last year's Deputy President Christine Teller in assuming the Union's income would be £6500 more than it will be, cannot be assessed until it is known how much money is left from last year.

The man responsible for drawing up the Union's accounts is Ray Taverner, who is certainly not adding to his popularity in the College administration by the current delay. His standing is pretty low already following his inept 'leaking' of 'scandal' to last year's FELIX Editor Pallab Ghosh. Mr Ghosh printed nearly a page of obscure ramblings claiming that the College had no idea how to do accounting and criticizing senior College officials. This resulted in a specially convened 'Star Chamber' meeting of financial staff and John Smith, College Secretary, at which Mr Smith, knowing full well who the culprit was, suggested to the meeting that 'one of us has been very silly' and invited the offender to own up now or 'come and see me later'.

Whilst on the subject of Ray Taverner and Christine Teller, it really is surprising that Christine made such a cock-up with the estimates, considering the 'close working relationship' she had established with Mr Taverner. They were often to be seen drinking together in the Union Bar before retiring somewhere more private to 'discuss' the finer points of the 'accounts'. Ray Taverner is 45 if he's a day.

SMALL ADS

ANNOUNCEMENTS

●**RCS Smoking Concert** Sketches, comedians, singers wanted. Contact Jackie Peirce, Physics 2

●**University of London** cards can now be obtained from the Union Office

●**Bassist and Drummer/Guitarist** wanted for trad jazz trio band. Contact Charles Brereton 451 1377 or Life Sci 1 pigeon holes

●**Wanted** at least five women and another ten men to make up the ailing IC 10-pin bowling team. Be at Chem Eng 2.30pm Wednesdays or see K Short Chem 3

●**Have a pint** with the SDPI! Thursday 8 November 12.30pm Southside Bar

●**Are there any male pianists** out there? If so, Dramsoc would like to hear from you, particularly if experienced in old-time music hall songs. Contact Dave Simmons via Physics 3 letter racks or Dramsoc storeroom

●**Missing** brown umbrella left in LT E Old Chemistry on Tuesday 23 October. Please contact G Skidmore via Biochem 3 or 214 Hamlet Gardens

●**Brewsoc** Will any member of the Brewsoc Committee please contact the RCC Exec as soon as possible

●**RCC Vice-Chairman** papers are now up and will come down at 5.30pm on Monday 5 November. Full members of the Union are invited to stand for this prestigious post

●**Monday 5 November** is firework night. Celebrate in style at the Lewes Carnival. 2.30pm from Beit Arch (see FELIX Diary for details)

●**A Party** at 39 Hamlet Gardens 31 November. Bring bottles and cream crackers

●**The Comedians** by Trevor Griffiths. 20, 21 and 22 November. Tickets only £1. Available any lunchtime in the Dramsoc storeroom

●**SCC Projector** extension lead. If anyone knows where the extra lead is, please return it to the Union Office as soon as possible

●**White poppies** Members of ICCND will be selling white poppies in remembrance of the waste of war and the dead. Please buy one. They will be on sale all around College

●**Don't miss** The End of the World! Wednesday in the JCR

●**Balloon Club** Humber Bridge Meet. A chance to get out of London. B&B or camping. November 30 1984. Less than £18. Meet Balloon Garage 5.30pm

WANTED/FOR SALE

●**Cash reward** Urgently required loan of a drum-kit for two weeks for Limp Members second gig. Contact Ian Thomas Physics 3

●**Bicycle wanted** £25 Contact Kathy, Union Office

●**Ex Physics** department secretary now at home with baby has IBM golfball typewriter and requires typing at home. Theses etc. Can collect and deliver. 451 4280

●**Realistic** (Pioneer) Tuner-Amp- 75 watts per channel. £80 ono. Phil Sparks Elec Eng 1 Tizard 623

●**For sale** BBC Micro and cassette deck £300 or offers. Contact Mark Cottle Civ Eng 2 or Guilds Office

●**Hillman Avenger** £350 ono, MOT and taxed. Must sell. Phone 6706 or 385 3210

●**Talbot Avenger** 1981 Very good condition. Tel Eric on 7777

●**FREE** Record Cabinet. Holds about 500 LPs! 1.47m X 0.37m. (Open fronted) New owner to collect. Phone 286 6748 after 6.00pm

PERSONAL

●010010000 010010001 01000011 01010111 01001111 01010110

●**What have** Peter Brooke MP, Ken Livingstone and Graham Brown in common? Answers to be found in Blueprint, coming soon!

●**'Gunboat Teddy'** comes to College to fire a broadside at the left. Thursday 8 November at 1.00pm on RSM G20

●**Want to sue Guildsheet?** Special rates from Sue, Gabbit and Runn

●**Civ Eng 3** Materials lecture back row lechers would like to apologise to SSSY

●**You thought** Dirty Dicky's bargain basement was closed for good—Well watch this space for all good train spotting and bondage gear

●**Has Roy the Boy** picked up something that makes his voice go hoarse, from the mystic East

●**Happy 21st** Birthday to the man with the clean motorcycle

●**ICAS** the sleeping person's society

●**Too much** interest is being shown in ICAS—Watch for non-events coming soon

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IC UGM

Tuesday 6 November
1pm
Great Hall, Sherfield

AGENDA

1. MINUTES OF THE LAST MEETING.
2. MATTERS ARISING.
3. PRESIDENT'S REPORT.
4. DEPUTY PRESIDENT'S REPORT.
5. HONORARY SECRETARY'S REPORT.
6. OTHER OFFICERS' REPORTS.
7. RETURNING OFFICER'S REPORT & ELECTIONS.
8. MOTIONS.
9. A.O.B.

PRESIDENT'S REPORT TO UGM.

1. Commemoration Ball.

The numbers were slightly up on last year and it appears that everyone had a most enjoyable evening. There should be no cost to the Union for this event. I would like to thank Eric Darbyshire, Hon. Sec., for his work in organising this event.
2. House Wardens.

Within the next few weeks, interviews will be held for the Wardenships at Holbein House, Southwell House and Mining House in Evelyn Gardens. I will report back to the UGM once we are in a position to make the appointments.
3. University Challenge.

At the time of writing, 12 students have been invited to take part in the second elimination round, to be televised by STOIC. This will be carried out on a "Mastermind" type basis. I shall report verbally on how the selections are proceeding.
4. Permanent Staff.

Since my last report to a UGM, two more permanent staff have been appointed. Mr. Tony Churchill is the new printer in the Union Print Unit and Miss Diana Kramling has been appointed Catering Assistant. I would like to thank Mrs. Kler who has held the post of Assistant since the start of term and has now left. This now means that the Union is back to its full complement of staff.
5. Union Snack Bar.

Although no definite figures are yet available, it seems that the Snack Bar is working well and is not losing any money. I hope that those people using it enjoy the range and type of food available - if you have any suggestions or complaints, please don't hesitate to tell the Manager or one of the Sabbaticals. We can't make improvements or changes if you don't tell us!
6. College Refectories.

A Suggestions and Complaints scheme operates in each of the College outlets, and there is a box in which to put your comments. Please use this facility to register your comments and make sure that you sign and date it. Mr. Mooney will personally reply to each sensible comment. In addition, you can ask to see the Manager of the Refectory if you have any complaints.

DEPUTY PRESIDENT'S REPORT TO UGM.

Proposed by: Graham Brown, Chairman,
Conservative Society.
Seconded by: David Fyfe, Environmental
Technology PG.

1. UFC Estimates.

Last session College gave the Union a recurrent grant of £228,750.

This was made up of a 3.8% on 83/84 + £6,500 for the extra costs of taking part in UAU.

Estimated recurrent expenditure is £280,300.

This represents a deficit of £13,500 for 84/85 after estimated non-college subvention income is taken into account. £7,000 of this was planned as various underspending was identified in 83/84.

The remaining £6,500 deficit is due to a mis-interpretation of the Governing Body Finance Sub-Committee Minutes dealing with the College subvention. The UAU £6,500 was taken to be on top of the £228,750 whereas the true situation was that it was included therein.

I am now awaiting College Finance Section to inform me as to the returnable balances from last year are, so as to be able to determine what shortfall there is. At present there is a general policy from UFC to make sure that 5 year plans (money given by the Union for major equipment purchases) are strictly adhered to in terms of equipment bought and money spent.

Contingency has also been defined as money available for emergencies only.

When the balances from last year are determined then I shall consult with the various Committee and CCU heads to determine where savings can be made.

2. Rooms.

Union Rooms may be booked by any IC Union club or society. Deposits in the form of a personal cheque may well be demanded by the Executive Committee if there is to be drinking, eating or dancing at the event. If the deposit is not paid before the event the event will not be allowed to occur.

Only IC Union members and members of institutions which have reciprocal agreements are allowed into the Union Building - no member of the public is allowed in without permission.

When a club has finished an event in a room it must be left clean and tidy with all furniture returned to its proper location.

3. Security Passes.

Club Captains whose members are issued with security passes to allow them into their storerooms should see me as soon as possible.

HONORARY SECRETARY'S REPORT.

1. Halls & Houses Insurance.

The new policy for the Halls & Houses appears to be satisfactory in that a number of claims have been made and no-one has come to see me to say that they are having problems. Only one person, however, has let me know of a claim successfully settled. Please let me know the outcome of your claims, it's the only way that I can assess the success of the change of the policy.

2. Union Insurance.

Some clubs have been in to check up on their inventories but most haven't. It's up to you to let me know what you've got, if you don't it won't be insured and there will be nothing that can be done if it gets nicked or damaged.

We have also been offered a three year agreement by Commercial Union which gives us a 5% discount and a constant premium for the next three years. This would tie us to CU for the next three years unless they raise the premium in which case we could pull out. We have had this kind of agreement for the last three years and it has been satisfactory so if my report is accepted I will proceed to do it again.

3. Parking Permits.

The allocation of these seems to have gone fairly smoothly. I'd just like to say how much some people have got up my nose by considering themselves to be on a different level to us mere mortals. There has been a very slow trickle of barrier cards returned but I could really do with a lot more - please bring them back.

ICU Notes:

1. That the real level of student grants has steadily declined under successive governments.
2. That since the reports of the Anderson and Robbins Committees of Enquiries into Higher Education, the proportion of students from 'working class' backgrounds has remained constant at less than 1% of the total number of students in full-time higher education in the United Kingdom.
3. The current grant system is an effective barrier to entry into higher education amongst 18-24 year olds.
4. Recent studies indicate wide dissatisfaction amongst students and their parents towards the grants system.

ICU Believes:

1. The present system of means-tested grants has failed to meet its objective of achieving a fairer distribution of social classes in higher education.
2. The introduction of a loans scheme will result in wider access to higher education.
3. The grant system perpetuates the image of the student as yet another social parasite clamouring for tax-payers money.
4. Student loans are in line with the NUS policy of greater independence for students.

ICU Instructs:

1. ICU President to inform the Secretary of State for Education and Science of the views of IC Union on this subject.
2. ICU delegation to ULU GUC to put forward this motion at the earliest possible opportunity.

MOTION ON REFECTORY PRICES.

Proposed by: Hugh Southey.
Seconded by: J. Martin Taylor.

ICU Notes:

1. That until the end of last year refectory price increases were fixed according to the Financial Times 'shopping basket' index.
2. That since then the Financial Times has ceased to publish a 'shopping basket' index.
3. That no alternative system of determining the increased cost of food and consequent refectory price increases has yet been introduced.
4. That despite this there have been two increases of 2% each in the refectories so far this year.
5. That a computerized accounting system is planned for the refectories, but there have been protracted delays in introducing it.
6. That such a computerized system would be capable of calculating the real increase in food costs to the refectories over a given period, so that price increases could be based on actual increase in costs rather than on speculative estimates.
7. That the arguments put forward by Union representatives on the Refectory Committee that the recent increases cannot be justified were totally ignored.

ICU Believes:

1. That the College must have some logical system of determining what refectory price increases should be, and that relying on guesswork is simply not good enough.
2. That the recent price increases are arbitrary and hence unjustified, since the College has no method of determining the increase in the cost of buying food.
3. That it is gross incompetence that the computerized accounting system for the refectories is still not in operation several years after it was decided to introduce it.
4. That until a proper method of determining the actual increases in food costs is adopted, preferably based on the computerization of the accounts, there should be no further price rises in the refectories at all.

ICU Instructs:

1. Its representatives on Refectory Committee to press the College to adopt a sensible system of determining price increases based on actual food costs, preferably by the speedy introduction of the computerized accounting system; and to strongly oppose any increase in refectory prices until such a system is introduced.
2. That in the event of a further increase being imposed before such a system is introduced, the Officers of the Union shall organise a series of lightning refectory boycotts by picketing selected outlets, distributing leaflets explaining the reasons for the boycott and persuading people intending to use the refectory to eat elsewhere.
3. That such boycotts are to be organised at the rate of at least one each College week, until the situation is satisfactorily resolved to cover one opening period of one refectory for one day each week. The details of each boycott are to be decided in secret by the President after consultation with other Officers, with the College receiving no advance warning of the time or place.
4. The President to write to the Chairman of the Refectory Committee to inform him of this policy.

ICU Requests:

All its members not to eat in any refectory which is at that time the target of a Union organised boycott, and to urge others not to do so.