



FOUNDED IN 1949

Felix

NEWSPAPER OF IMPERIAL COLLEGE UNION

FREE!

No. 367

FRIDAY, 1st NOVEMBER, 1974.

WRANGLE!

LAST MONDAY night at the ICU Council, a technical wrangle was initiated by a member of the ICU Executive in an attempt to delay the sending of a letter by the President to the Rector on behalf of Council.

The original motion which started it all was proposed by the President to the effect that he should DRAFT a letter to the Rector expressing concern and protest about the fact that Imperial College appear to be about to buy a computer from ICL, a company who apparently have business connections with the South African Government. The spirit of the council was that the letter should be sent, but the motion had said merely 'draft'. John Mortimer, Pres-

ident of RSMU, later asked for an assurance that the letter would simply be drafted and not sent. This caused uproar and no such assurance was given after the President had realised he had incorrectly drafted his motion.

Footnote: The letter was drafted and sent to the Rector. The recommendations went through the College Board of Studies and it appears that the Rector has, indeed, taken notice of the Union's protest.

ACCUSATION AT LEEDS POLY.

THE FORMER Union Treasurer of Leeds Polytechnic, Robert 'Buzz' Windley, has been charged with stealing £28, £27 and £48 belonging to the Poly Union on July 16th and 30th, dishonestly obtaining a pecuniary advantage in relation to a debt for which he was liable by tendering two worthless cheques, one for £3,346 and the other for £94, and taking a minibus without the owner's consent.

Windley was arrested at Ramsgate on October 10th on his return from the Continent, where he had been touring in the minibus in the case. An examination of the Union's accounts on July 11th revealed a large number of cheques marked 'Return to Drawer' were outstanding in his name. He was told no more would be cashed but between then and

July 31st, cashed cheques for the amounts in the charges. He then left for France and did not return to his post of Vice-President for Administration when the Poly term started on October 2nd. He was then reported to the police.

Windley was released on £1,500 bail on October 11th. He later said that he would return to his post of Vice-President for Administration, but was immediately banned from the Poly Union. The President of the Union also threatened to resign if Windley came back. Several people were alarmed by the sympathy which had been shown towards Windley since his return to Leeds. Deputy President of the Union Ted Boyce said: 'It would be a disaster if he did not resign even if he was innocent.' Besides the criminal charges against him he has not acted as a union official should do. I think he should resign because of his actions last year'.

Windley claims he left for the Continent believing his debts had been cleared (the £3,346 cheque bounced). 'I would have returned to Britain sooner and sorted things out had I known what was going on', he added.

At an SGM on Thursday October 24th, Windley was given a fair hearing to try and clear his name. However, the meeting went against him and voted for his resignation - which he is now bound by the constitution to give.

No further comment was available from Leeds today, where the matter is considered subjudice.

SOUTHAMPTON HIGHER PRICES

STUDENTS AT SOUTHAMPTON UNIVERSITY are holding refectory boycotts and a partial rent strike after increases of between 20% and 37% in refectory prices together with increases in hall fees.

A well attended Union meeting on Thursday 17th, October, voted almost unanimously for a campaign of Refectory boycotts and a Rent Strike. This follows the aforementioned refectory price increases and increases in fees of certain halls. These are the halls which supply meals 'all in'. However, it is expected that the fees of other halls will be raised at the start of next term.

The original motion before the meeting, proposed by the International Socialists, called for a Rent Strike, selective refectory boycotts, an oc-

cupation of University premises (being progressively stepped up until demands were met by the University), and a withdrawal from all negotiations and all University committees on which the Union is represented. The meeting, however, passed a much less strongly worded amendment which called for refectory boycotts and a Rent Strike. The Rent Strike Fund's constitution was amended to provide for students to pay to the Union the total of the hall fees bill received from the University and for the Union to then transfer to the

University the proportion equivalent to hall fees for the 1973/74 session, retaining the difference in the Strike Fund. A refusal to allow any decline in hall standards, support for hall JCRs in attempts to improve standards and a guarantee that no college staff would be made redundant were also called for.

A successful refectory boycott was carried out on Tuesday - alternative meals being provided by the Union. The Hon. Sec. of Southampton University said: 'Although the Rent Strike has not started yet, preliminary reactions are favourable, in one of our most conservative halls over 25% of residents have stated they will definitely support the Rent Strike'.

EDITORIAL

Mike Williams

ON FRIDAY, 29th November, there will not be a FELIX on the newstands. No, we will not be skiving off, giving up or messing around in the slightest. FELIX will appear the week before (November 22nd) and the week after (December 6th); but the latter issue will be a very special issue indeed, so special that the FELIX staff will need a fortnight to prepare for it as opposed the usual week. *Why is it so special?* Just think a moment. Then look at the front page of this issue. What does it say under the Cat? 'FOUNDED IN 1949'. FELIX No. 1 actually appeared on December 9th, 1949; so the special issue on December 6th, 1974 will be the 25th Anniversary Issue.

It is hoped to include some colour

photographs on the cover.

In addition, we are organising a 25th Anniversary Dinner to which we hope to get as many past Editors along as possible. That will be on Monday December 2nd, and it is hoped that one of the colour photographs which will be taken at the dinner will be ready to go into the 25th Anniversary Issue, so if you wish to be recorded in the annals of FELIX history (*in living colour, no less*), book your ticket for the dinner now.

*

It appears that the Treasure Hunt devised by C & GU for RCSU so that they might retrieve their lost mascot Theta is going very well indeed. FELIX will be running a feature when it has

finished — there is too great a risk of the news becoming incredibly stale were we to attempt a running feature. The latest news that we have is that Martin Kessler, the RCSU V.P., went almost to the extremities of the Central Line, attempting to purchase a £5 postal order from Ongar Post Office. It is understood that he arrived at 12.30 'just as the Post Office was closing for lunch!'. Tough scheiss, Martin.

*

It is sincerely hoped, at the time of writing, that all promises of insertions for small ads will be honoured this week. To make doubly sure that we have room a 16-page issue has been produced. A 16-pager is a very, very painful experience, let me tell you.

LETTERS

Sarcasm?

Imperial College.
28th October 1974

Dear Sir,

It appears that on Monday 30th September, 1974, the Principal of a west London college sent a memo to all its Heads of Department. It must have read as follows:

'To all Heads of Department:

As of 1st October 1974 all postgraduate students of this college forfeit their civil rights and should be treated as second-class citizens.

This adjustment should be carried out as follows:

- 1) *At the discretion of all academic and non-academic members of staff, postgraduates can be refused the use of all facilities in your Department. You are therefore urged to inhibit their progress as much as possible.*
- 2) *No further maintenance should be carried out in rooms used solely by postgraduates.*
- 3) *Demonstrating done by postgraduates should be phased out as quickly as possible. Their places are to be taken by members of staff and postdoctoral fellows.*

Signed,

The Principal'

Reports from PG's of this college suggest that these measures are already being enforced to an extent that their lives are becoming intolerable.

An NUS spokesman when informed of the above memo replied 'Postgraduates..... what are they?'

A PG student from the college, when asked to comment, said 'We're sick and tired of this! I wish I'd never come hereand anyway, soon, no student will want to come here to do research!'

Yours faithfully,
'A PG by any
Other Name'

The Reply

Imperial College Union.
28th October, 1974.

Dear Sir,

I feel I should reply to Miss Jones' letter printed in Felix last week.

It concerns me that Miss Jones seems to think that CCU business is 'petty'. I also wonder how she can claim that I am "an 'active' member of RCS" when I have done nothing actively for RCSU other than duties that my job demands, which I have done for the CCU's also.

There is very little else that I feel needs to be said in reply to the totally unfounded letter.

Yours faithfully,
J.A. Gerrard,
ICU Hon. Sec.

FELIX ©

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Many thanks to Kyrle and Catherine

Intending contributors are requested to put their names on their articles, which should be neatly written (alternate lines) or preferably typewritten (double spacing).

Contributors are requested to count the number of words in their article.

Copy day for most articles, reviews etc. is the Friday before publication day. Articles can be accepted on the Monday and Tuesday following if space permits. Small ads can normally be accepted up until the Tuesday.

01-589 5111 Ext. 2166

Int. 2881

I.C. Society for Social Responsibility
in Science (ICSSRS).
'SATURATION PLANNING'
— Dr. John Adams, Reader in Geography,
University College —

Tuesday 5th November, 1.00 p.m.
Physics 536



The charming young lady in the picture is Fiona George. She is this year's 'Queen of Jez' and a real asset to Physics 1. This windswept beauty from Portsmouth will be even more windswept on

the Brighton run. Fortunately, she is being lent a great coat by someone. She is a keen sailor and since coming to IC has been involved with the RCSU.

Photo by Ramon Newmann.

begins. She is haunted by the vision of a monster: her future boss. Who knows who it might be? Perhaps a graduate from IC. Oh, yes the very ones who had been so friendly in her student days — transformed into monsters. There he sits behind his desk, surrounded by papers and telephones and reports and figure sheets and trying to look important, plumped up on his two cushions, mentally undressing his secretary and dictating at a speed of 150 words a minute, the brute! The one whose pencils she must sharpen, whose diary she must keep, whose girlfriend she must buy for, whose wife she must lie to, whose temper must be soothed and whose martini must be shaken but not stirred.

Well girls this is why we are at IF — to learn how to boost the male ego. There are just four things to remember: a) Your boss is always right,

therefore b) You are always wrong, therefore c) You are inferior, therefore d) You will always be inferior.

But all hope is not lost — the day of the female boss, and the male secretary will soon be upon us. *Sp do not despair, exert yourself and remember that we at IF were meant for finer things!*

Meanwhile, on the home front, we have set a date for our 'Vicars and Tarts' party. Barring hell and high water, we will be having it on the 29th of November, and the proceeds will be going to the rag charities. For those of you who are a little thick, I will explain that you have to come dressed as either a vicar or a tart, the choice is yours (this is where members of Gaysoc have a chance to shine). *Anyway what the hell, it's all in a good cause so off with your inhibitions and on with your dog collar!*

IF Only..

Katie McKinnon

ONCE UPON a time there was a little girl who grew up into a big girl. Came the day to leave school and our big girl didn't know what to do so she stood in her shoes and she wonder'd, she wonder'd, she stood in her shoes and she wonder'd, and then ended up at the French Institute. Which just goes to show that

big girls don't think very much. Who would willingly submit herself to two years of mind-bending in order to become a SECRETARY or, glory of glories, a PERSONAL ASSISTANT, a mere dogsbody, a 50/120 word a minute machine, a fool, a carbon copied, paper spewing, coffee making, finger chewing, form filing, phone dialling, letter sealing, ribbon reeling, stamplicking machine?

Oh, I've seen it happen. Hundreds of them setting out answering advertisements for secretaries, planning to become managing directors, working hard, climbing the ladder, row-towing, boot licking, and after

ten years what are they? Secretaries. Because strangely enough when someone advertises for a secretary that is exactly what he wants, and if he was to suspect you of coveting his job you'd be out on your ear.

The most frightening part of it is the almost imperceptible transition from student to secretary, so imperceptible that the poor girl herself doesn't even realise it. She arrives one bright September morning at IF, wide-eyed, lively, imaginative, ambitious, full of hope. But little does she know. The brain-washing

KARDOMAH RESTAURANT

81 Gloucester Rd. SW7.

Opposite Tube Station.

Open 9.00 a.m. — 12.00 p.m.

EXCELLENT FOOD — GOOD VALUE.

5% Discount On Presentation
Of Student Card.

Arkle Ron Kill

THE UNION building is not looking too good at the present time. There are too many old posters, signs, bottles etc. and far too much litter in general. The Executive has therefore, begun to take action against those who cause this mess. If your club or society has any old posters up in the building, be warned. Someone will take them down, and if it is a member of the Executive, the owners of the posters will probably be the subject of a discipline meeting. One group has already been fined for not removing old signs.

On the other side of the coin, the House Committee is looking for ways to improve the general appearance of the rooms. A coat of paint, a new curtain, a quick polish, anything to make the building a little more attractive. If you have any ideas, drop me a line through the internal post and I'm sure something can be done about it. ('Spitoons for the Union Office' is probably the only idea which we will not be seriously considering).

On a more general note, if anything in the Union building, or the JCR or the Southside lounges is not working, or is broken then please tell me — 'cos that's the quickest way to get it fixed.

AUDIO FAIR

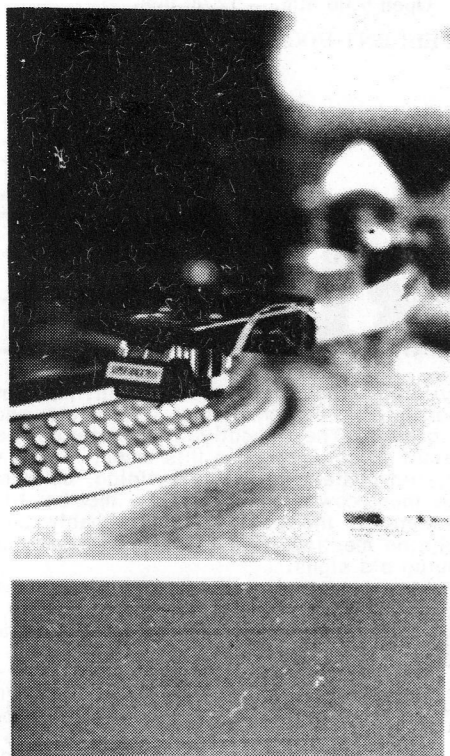
THIS year's Audio Fair opened at Olympia on Monday. The current trend in the Hi-Fi trade is towards the top end of the market with individual units costing many hundreds of pounds. This trend was certainly reflected at the fair. The advent of Quadraphonics has brought in a glut of new Japanese electronics from Sony, Sanyo etc. The Marantz 4240 four channel tuner-amp is fairly typical, priced at £335.70.

Despite the increase in average prices due to the introduction of new and exotic equipment, prices have been remarkably stable in the Audio industry. This price stability coupled with the increased choice of cheap and good Hi-fi equipment has led to the under appeal of the Fair. Not only are hi-fi units being demonstrated and shown, there are competitions, models, lectures, and now inevitable appearances by disc jockeys from Capitol and the BBC.



Above: Grand Hall, Olympia

Below: Justifiably famous and still going strong—the SME arm.



Interest in audio/visual displays seems to be on the increase with several films showing light display units which supposedly react to the sounds being played. Their efforts were both disappointing and expensive but the idea is an interesting one.

Undoubtedly, the emphasis of the Fair is on Quadraphonics and cassette units. Caution has been abandoned on both fronts. All the foreign manufacturers are backing at least one of the three most popular Quadraphonic systems without waiting for any one to become accepted as 'standard'. Judging from the demonstrations which I heard on Monday none of the systems is a significant improvement over a good stereo. Perhaps, it is profits and not sound quality which has brought in quadraphonics so rapidly.

Cassettes have obviously come to stay although certainly not taking over from records yet. The quality obtainable from cassettes can now be as good as that from expensive open-reel tape machines. A top quality cassette machine such as the Nikamichi costs over £400 but many models from the Akai range were more realistically priced at under £100. Of the many new cassette units on display at the Fair, perhaps the most interesting was the Uher CR210, a pocket size portable stereo cassette recorder, a unique machine at the unique price of £280 (plus VAT)!



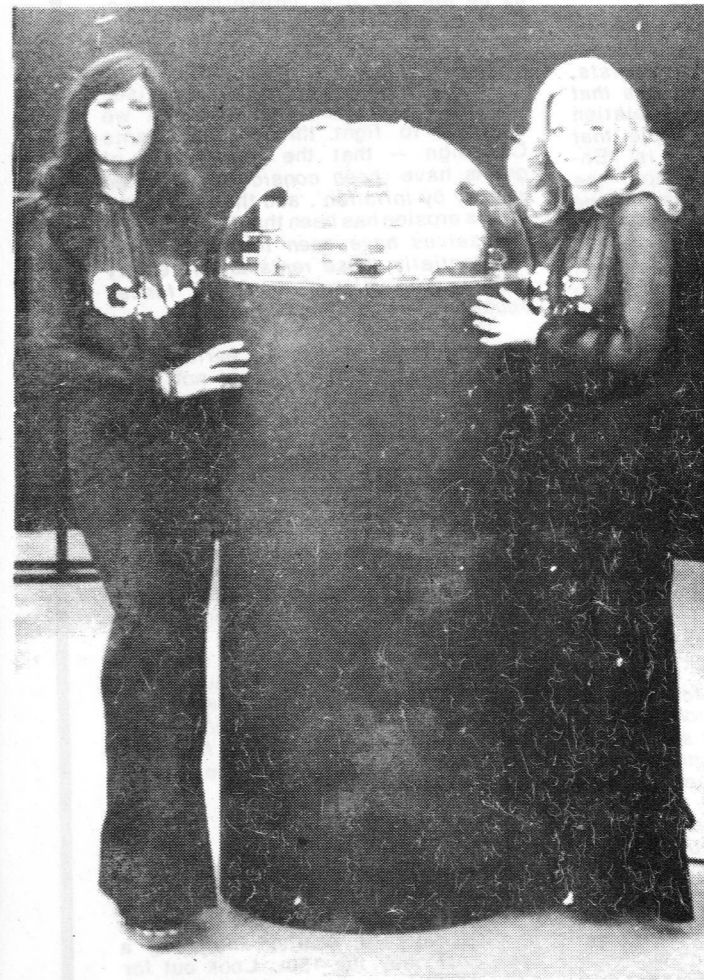
Above: Cherry Ede, Miss Decca

Right: A typical budget priced receiver—the Pioneer SX 434, about £90

'74

Richard Szczepanski

Photographs by Peter Crawford



Cherry Gilham and Mia with the Gale GT 2101

Gale Force

IT is not often that something completely new appears on the Hi-Fi scene but Gale Electronics have achieved this with their GT 2101 turntable.

The designer of the turntable, Dennis Arnall, is a former gyroscope designer and has incorporated a great deal of advanced technology to make this turntable unique.

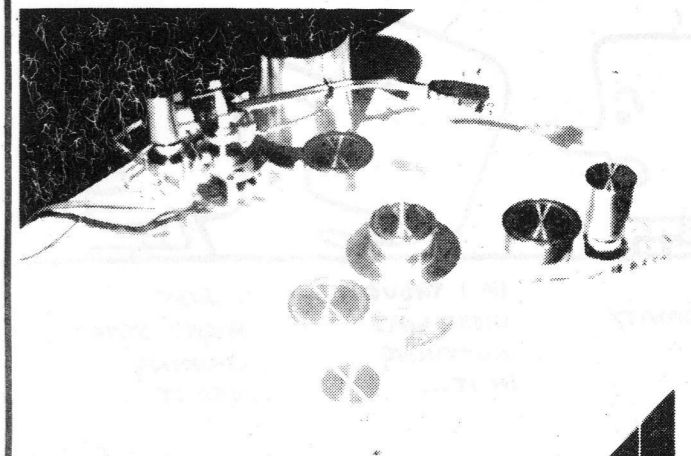
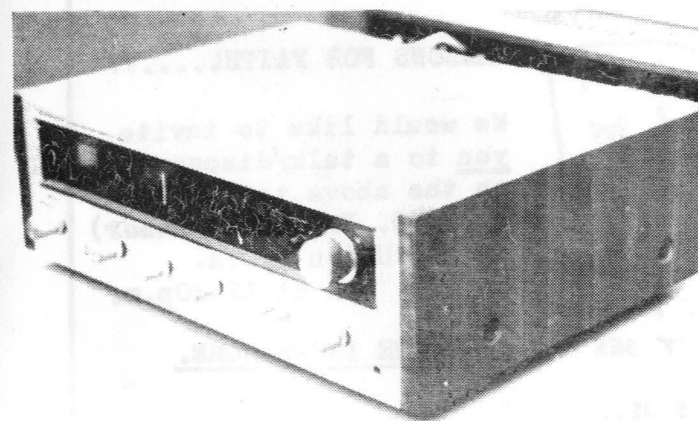
The turntable platter is directly coupled to the DC servo motor and the speed is measured by a pulse counter coupled to the motor shaft. To provide a reference time base for speed measurement and control a crystal oscillator operating at 5.0 Megahertz is used, thus ensuring that the speed selected is entirely independent of mains voltage or frequency. The speed is continuously adjustable from 10 rpm to 99 rpm and is indicated by a digital readout.

The other feature of the turntable which was emphasised by the designer is the suspension and bearing system. The main body of the turntable is supported on three miniature shock absorbers while the main bearing of the GT 2101 uses a new

magnetic material and allows the platter to 'float' in a magnetic field. This system essentially isolates the turntable from external shocks and eliminates low frequency bearing noise.

The price of this beautiful toy is expected to be around £450, so start saving now! The prototype model seen at the Audio Fair is made out of perspex but Mr. Arnall informs me that production models will be made of glass.

It is unfortunate that this superbly designed turntable should be priced beyond nearly everyone's reach. Why should anyone pay £450 when the only way of distinguishing between the Gale and a turntable costing around £100 is by using sophisticated test equipment? On the other hand if you demand perfection.....



PRECIPICE

Trevor Phillips

THE WEEKEND before last was taken up by the now-notorious Executive weekend. We spent two days discussing the major areas of the Union's work in broad terms and trying to work out the best courses for the Union to take, which areas needed special attention and so on. It is, perhaps, worthwhile to make the point that the four non-sabbatical members of the Executive were prepared to spend these two days in this way, and to take a full part in the discussion and to contribute as much as the full-timers. I am particularly pleased that the CCU Presidents are determined to play a positive role within the Executive, rather than leaving everything to the two sabbatical officers, and without neglecting their CCU duties.

One of the major areas that we hope to pay special attention to is that of Academic Affairs; it is surprising that such a central issue to students, that is, the actual mechanics of education and training, the kind of courses provided, and the kind and standard of teaching, has been so totally neglected by the central bodies and figures in the Union, over the past few years. The drive to diversify courses, and to give the opportunity for more non-technical studies has stopped, at least from within the Union.

It is now time to change that state of affairs, as I indicated in my *PreciPice* in the Freshers' issue of FELIX. Clearly, given the Rector's comments in respect of University finance, the College will be constrained by the lack of money. However, the Planning Committee is now trying to work out the College's submission to the University Grants Committee, for the next 'five-year plan'. I think that it is right for us to start now, generating discussion and deciding the way that students wish to see the College going.

In terms of academic development, I believe that many students would like to see major emphasis placed on expanding Associated and Interdisciplinary Studies (AIDS). The last meeting of the AIDS Committee did review the history and discuss the

future of AIDS. It seems that Associated Studies, that is, courses involving disciplines not taught in the College, (Economics, for example) are being taken up by more and more students. I am glad to see that an expansion in the field of languages is envisaged. I hope that this will encompass the customs and culture of other countries; what use is a mere mechanical knowledge of a language for true communication?

In the interdisciplinary field, however, when one disregards the 'service' courses, for example Maths for Biologists, one is left with almost no courses that 'illustrate the unity and inter-relation of knowledge'. The one example that immediately springs to mind is 'Environment and Man', and perhaps, the projected 'Energy Studies'. What I hope to see developing is more courses, like these, which tackle a specific scientific and/or technological topic, in an intellectually stimulating way, drawing upon two or more disciplines for their course material. Perhaps in this way, we can provide alternatives to a few of the narrow, uninspiring courses which exist in all departments.

As important to every student as what he learns, is how he learns. I understand that there are now efforts afoot to do something about the standards of teaching by making a requirement for a lecturer's appointment that he undergo an approved course in teaching methods. About time, I reckon.

However, the length and standards suggested seem woefully inadequate to me. In the week or two, which appears to be the norm, only the most superficial aspects of delivery and technique can be covered. What is really needed is a course extending over a term or a year, covering the theory of education, teaching methods, use of audio-visual aids, and university administration.

The dual function of the College as both an institution of instruction and discovery, of teaching and research must always be kept in mind; whilst I do not subscribe to the view that all members of staff must necessarily teach

as well as do research, I believe that we must work to make Imperial College fulfil both its educational roles to the full.

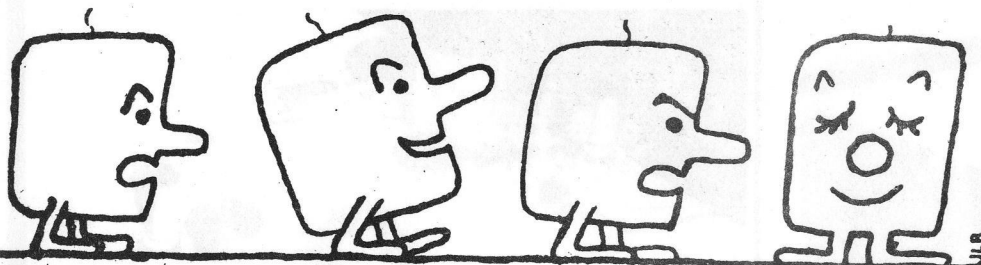
The Rector, on Commemoration Day, made several comments in respect of student grants, which I welcome. I am pleased, not so much by what he said, as by the fact that, unlike many Vice-Chancellors, he has not been afraid to speak out in favour of students' interests.

In his speech the Rector recognised one of the crucial problems that we continue to fight through the Grants Campaign — that the new levels of grants have 'been considerably eroded already by inflation', and that one effect of this erosion has been that 'universities themselves have been forced to raise substantially those rents and refectory charges on which Government funded subsidies are not permitted'.

These words, I think, contradict the Rector's hope, expressed earlier, that the question of grants would not prove to be a 'significant factor' this year. They rather point to an intensified and stronger campaign, which will concentrate on the effects of the cuts in the education budget, and the aspects of the grants system about which we, like the Rector 'are not satisfied'. And I think immediately of the triple injustices of the means test (both parental and spouses'), the discrimination against married women, and discretionary awards.

The Rector identified a target of £100 rise in the next grants award; this is too low to keep pace with 20% inflation. However, we applaud the fact, that he has put a real figure on his words of support for the second year running.

The Grants Campaign Week of Action is November 11th-15th, with a Day of Cross-Binary Action of the 13th, and a National Day of Action, including a demo on Friday the 15th. Look out for more news, as we have a UGM decision to support the Week of Action.



THIS
CHRISTIANITY
THING....

IF I THOUGHT
THERE WAS
ANYTHING
IN IT...

I JUST
MIGHT START
LOOKING
INTO IT...

BUT I REALLY
CAN'T SEE
THAT
THERE IS...

REASONS FOR FAITH....??

We would like to invite you to a talk/discussion on the above topic, led by Dr. G. Barclay (author) at the Union S.C.R. on Nov. 5th at 12:40p.m.

EVERYONE IS WELCOME.

EVENTS CONCERTS



SAT 2nd **AL STEWART** 80p i.c. 90p adv 1.00 door

SAT 9th **PROCOL HARUM** 1.20 i.c. 1.30 adv 1.50 door

TICKETS AVAILABLE FROM UNION OFFICE EVERY WEEKDAY LUNCHTIME.

IC STUDENT DISCOUNT ONLY GIVEN ON PRODUCTION OF REGISTRATION CARD

(2 TICKETS ONLY)

DISCO EVERY FRIDAY ONLY 10p
in union lower refectory 8-11:30pm

FILMS

THURS 7 **zabriski point** play it again sam

THURS 14 **tora! tora!** fairport convention

ALL FILMS SHOWN IN MECH. ENG. 220 AT 6:30pm

Hinduraj Expedition

Colin Brown

AN Imperial College expedition — Colin Brown, Bruce Hooker, Harry Hooker, Neville Jordison, Bruce Littlewood and Rob Wild — climbed for five weeks in the Koyo Zom group at the head of the Chitral Valley, N.E. Pakistan in July/August, 1974. Permission from the authorities to climb Thui II (21,401 ft) was refused at the eleventh hour hence our knowledge of the Koyo Zom group and its main peak Koyo Zom (22,545 ft) was sparse.

We left London on June 17th with all food and equipment in an Austin K9 ex-army wagon, and drove almost non-stop to Islamabad in Pakistan. The journey across Europe and Middle-East Asia has sections of remarkable contrast — the lush Alpine scenery and the arid deserts of Afghanistan, the monotonous route through Iran and the impressive roads over the Jalalabad and Khyber Passes, etc. Nevertheless, we were pleased to arrive at Chitral town, the last large administrative town up the valley.

From Chitral, we hired jeeps to transport us and our gear to the road-

head, seventy miles further on. The 'road', a tortuous dirt-track winding its way along the side of the River Yarkhun, quickly degenerated into a mere footpath. At this point we hired porters and donkeys for the 112 mile walk to our proposed base-camp at the tiny village of Pechus. Eight gruelling days later we arrived. We had left the realities of the 'civilised' world. After two weeks reconnaissance on the Chatiboi, Pechus and Koyo Glaciers, it was agreed that a high camp at 16,650 ft on the Pechus Glacier should be established for an attempt on the east ridge of Koyo Zom and several adjacent peaks of over 20,000 ft.

On August 6th, Bruce L and Rob made the first ascent of a snow peak (19,800 ft) to the east of Koyo Zom. The weather was fairly predictable, two or three days of low cloud and snow every five days, and so the attempt on Koyo Zom was planned with this in mind.

On August 16th, Bruce H. and Harry retreated from the east ridge after a lightweight attempt from the second high camp (19,500 ft) on the upper

plateau of the glacier. The next day, Rob and Bruce L. bivouacked at 21,000 ft and reached the summit at 15.00 hours on August 18th after two days of mixed snow and rock climbing. Their descent was made more interesting by a 200 ft fall at 22,000 ft when Bruce slipped and plucked Rob's belay from the rock. Fortunately the rope jammed and they managed to descend without serious injury. At the upper plateau, they met the Hooker twins who had just climbed two neighbouring 20,000 ft peaks. All four descended to the first high camp where Colin and Nev. were waiting after an unsuccessful attempt on a nearby rock peak.

We struck base-camp on August 23rd and walked the 100 miles to the road-head in glorious sunshine, sampling the abundant variety of fruit which grows freely at the roadside. The rest of the journey to London followed the same pattern as the journey outwards with however, a few more stops at Kabul, Istanbul and other interesting parts of the world. We eventually arrived at Ramsgate to be greeted by our first serious rain for fourteen weeks.

THURSDAY 24th October, saw the annual indulgent spectacle of Imperial College's Commemoration Day perfunctorily characterised by its intimate mixture of solemnity, grandeur, gaudy colour and questionable rhetoric.

Imagine hordes of individuals performing Brownian motion in their graduation robes, aping Batman, outside the Royal Albert Hall; the incumbent families, cameras clicking, in awe of their freshly groomed offspring, 'Ooh, don't 'e look nice?'; the inter-graduate nostalgia, back-slapping, 'How goes it?', plus the nauseating 'Did your hair have an argument with a lawnmower, Mike?'. (Originality indeed).

The activities for the afternoon started punctually at 2.30p.m. with the procession of student officers, college and Governing body personalities including the new Honorary Associates and Fellows with Lord Sheffield making his final appearance as Chairman of the Board of Governors.

The presentation of the graduates took place very smoothly. The ritual is that the Student Orator announces 'The Associates of ... (the appropriate constituent college)'; then the Dean of the particular college steps forward, makes a preliminary introduction with reference to the number of Associates to have passed their finals; he then proceeds to present each Associate to the Chairman of the Governing Body. After the Associates came the DIC's (Diploma of membership of the Imperial College) who were presented by the Pro-Rector.

The actual presentation ceremony itself is a very simple matter: After one's name has been called, one walks out onto the stage,



The Chairman nods with the Editor.

turns, nods to the Chairman (who reciprocates) and retires stage right. It is all over with quite painlessly in a matter of seconds.

In addition to the Associates and DIC's being presented, there were, after the Rector's speech, two Honorary Associates (both retiring members of the College's technical staff) presented also and five new Fellows including the retiring Principal of the University of London, Sir Douglas Logan; the newly-appointed Chairman of the Governing Body, Sir Henry Fisher; and this year's Special Visitor Dr. Ralf Dahrendorf, the newly-appointed Director of that 'dangerous left-wing establishment' the London School of Economics.

The Rector's speech this year was typically factual and to the point. He produced a record of his experiences during the year, broached the subject of how the difficulties facing students in

London may be partly responsible for the falling intake of numbers, outlined the College's serious financial troubles and then, after a brief nostalgic sortie, expressed his optimism for the future of the academic activities which have recently been initiated including the new department of Life Sciences.

The Rector finished off by paying tribute to the retiring Chairman, Lord Sheffield, who has held the post for twelve years (having succeeded Viscount Falmouth who died in office).

The highlight of the proceedings came with this year's special visitor, arch-European Dr. Ralf Dahrendorf, whose recent appointment as Director of LSE caused a major stir in the Students' Union of that establishment for it was asserted that whilst on the one hand, the authorities were telling the students that their Union grant would remain at its painfully

Commemoration Day

1974

Michael Williams

Photographs by

Ramon Newmann

Vincent Ang



Dr. Ralf Dahrendorf, this year's Special Visitor.

inadequate level of approximately £5 per capita (ICU's grant is nearly three times that amount), on the other hand they appeared to be lashing out money on their new director for major structural improvements on his new-acquired flat.

Dr. Dahrendorf gave a typically pro-Europe speech outlining the major problems facing this country. It was never in doubt as to what his solution to these difficulties would be: 'We need, in order to solve our survival problems, rules and procedures, organisations and institutions which transcend our national boundaries'.

Although mentioning that he did not wish to make any 'irresponsibly partisan' statements as regards Europe, one can only feel that he must have experienced great difficulty in adhering to such a premise.

Remarks made concerning the student body in general may be significant: '...there is a sense in which student power is not power, community politics is not politics, and national revolutions do not change one iota of the problems determining our lives', and finally, on the subject of our problems, '...we are not going to solve them if we despair and embrace extremist solutions. What we need ...is nerves and good sense. I cannot help adding that I sometimes wonder whether our universities ...do enough to instil this attitude in their students'.

With all the speeches, presentations and nodding over, Commemoration Day drew to a close barring the after-ceremony tea.

The last minute comment heard repeatedly was 'Where was Sir Brian's collar and tie?'.



Panoramic view.

PiG

AFFAIRS

CORNER

Tom Abraham

THE RESPONSE to the last PiG Affairs Corner has been pathetic, partly because the article itself was rather insipid, and partly because post-graduates are too busy working for that degree which is their passport to the academic elite. The singlemindedness with which research work is pursued means that other related issues are totally ignored.

Too many students are working on projects which are of little intrinsic value or social benefit. Since elitism is the prime motivation, to question the value of the project would be unthinkable. To place all the blame on the students would be unfair, since they seem to be caught up in a conspiracy of silence, which militates against honesty with regard to the true nature of projects. On too many occasions students have soldiered on with such projects spurred on by the vision of a doctoral paradise.

In the face of a deepening national economic crisis, one must ask whether the research work being carried out is justifiable. More important, whether the unrestricted expansion of postgraduate numbers is really warranted. The main effect of the latter is to produce a pool of highly qualified but unemployable graduates. This is especially true at a time of rising unemployment. A side effect of the increase in numbers, is that the facilities offered at this college are insufficient, and in some departments the

situation has reached crisis point.

I feel that it is essential for students to discuss among themselves the philosophy underlying research work. As well as this, the system of research on which postgraduate work is structured is in need of drastic reform. Any initiative for change, will have to come from us. To discuss this and other issues a special meeting of the Postgraduate Group will be held sometime in November—we hope to publicise it as widely as possible (anybody who disagrees violently with what has been written is free to come along and propose a censure motion).

To my darling Rose, I am sorry about the lack of social events for postgraduates. The solution to this lies at the departmental or sectional level. The Postgraduate Group will be organising social events on a college wide basis, but these will mainly be held when the undergraduates are away. However, if in the meantime, if any departmental or sectional group wishes to organise a social, then ICPGG will subsidise it. If it is money you want, then get in touch with either John Porter (ext 4052) or me (ext 3103). The Management Science section have managed to get a group together and are organising socials with money from the Group. I hope others will follow this shining example.

ICWA General Meeting.

Tuesday 5th November. 12.30p.m.

in the ICWA lounge, for judging of the Mr. ICWA competition and election of a Freshers' Rep.

Cheese and Wine will be available. It is important that as many members as possible come for the voting.

JUS SUMMUM SAEPE SUMMA MALITIA EST*

On seeing Kevin Gately dead,
I think George Orwell would have said:
"If Nineteen Eighty-Four extends
To start the decade like it ends,
Are 'accidents' of such distress
More equal than an honest guess?"

On seeing Kevin Gately dead,
I think George Orwell would have said:
"What force was used within the square
To cause a student's dying there?
Can Britain proudly say 'GB'
Without the echo 'KGB'?"

(* Extreme law is often extreme wrong.)

© N. Racine-Jaques. 1974

LONGFORD

Sean Barker

FEW PEOPLE are better qualified to speak on crime and punishment than Lord Longford. He is not only a theorist on the subject, about which he has written several books, but also someone who has tried to do something practical. He was chairman of the Labour Party Committee on Penal Reform before the

1964 election, and it was this committee that recommended the introduction of parole. He is further qualified in that for many years he has visited people in prison, and has seen the effect prison has had on them.

He introduced the subject by outlining the reasons for prisons. Firstly there is the aspect of deterrent, which is necessary to maintain law and order. Secondly there is reform, but although 75% of ex-prisoners do not return to gaol, he thought prison ineffective in this respect. Then there is the protection of society from dangerous criminals, and retribution for the crime. There is also, in some places, an idea of reparation to society, but this is rare in England.

Lord Longford said that many people in gaol should not be there, but are only there because of lack of alternatives, and he suggested that highly supervised work for the community as one alternative. The reduction in the number of prisoners

would reduce the overcrowding in prisons, relieving the burden on the staff, and so relaxing the atmosphere in prison, which would greatly facilitate the reform of the inmates.

He said that ten years in prison is enough to expiate any crime, and that life imprisonment was a hangover from the days of capital punishment. Those who needed confinement for longer periods should be treated as mental cases.

One great improvement in the prison system, is parole, which prisoners can apply for after a third of their sentence. At the moment this is being somewhat abused, for if there is no reform after ten years, another year or two inside does not do any good.

For the future he hopes to see the expansion of the probation service to help released prisoners. Many of those released can only get manual work, and it is difficult to get any work of a higher grade.

PRIZE CROSSWORD

Across

1. Sheriff's officer changes alibi very loudly (7)
5. Ran round the market in sheep's clothing (7)
9. To produce a tune in French and English one's beastly (7)
10. Is clergyman back on model? (7)
11. Artist offered to become mad (5)
12. Sal and Ted can change for the final fling (4,5)
13. Ted goes backward and forward round the motor club, gets took away! (9)
15. Gives up sitting in nice desk (5)
16. One tenth of the tit he put together (5)
18. I object to small diameter ring coming in between (9)
21. Northerners stare at what Home was (5,4)
24. Anne's back to give a pod (5)
25. Stroke girl—she has a disease dangerous in pregnancy (7)
26. The top Royal Marine eyes changes in grain supporter (3,4)
27. Cioe gets gen about rally massacre (7)
28. Opposes the position of a southerner in repeated examinations (7)

Down

1. Fuzzy burr led astray (7)
2. Live in clothes (7)
3. One thousand communications systems put the beginnings of the end at once (9)
4. Last French end aluminium production (5)
5. Pentagonal ball-game I'd give to the editor (4,5)
6. Went wrong and ended up transferred (5)
7. Touched with a feature found in church in N.E. Devon (7)
8. 500 bulls provide meals (7)
14. Soften at eventual start of description of our climate (9)
15. Credit'ass with a head, also stupidity (9)
16. Experimental equipment to modify set grit (4,3)
17. Rue bolt operation which leads to awkwardness (7)
19. Being benign, it establishes itself, hiding fires (7)
20. Weights ran me into grammar school (7)
22. One hundred follow girl where there's male-only law (5)
23. It's less common to be right in back-up (5)

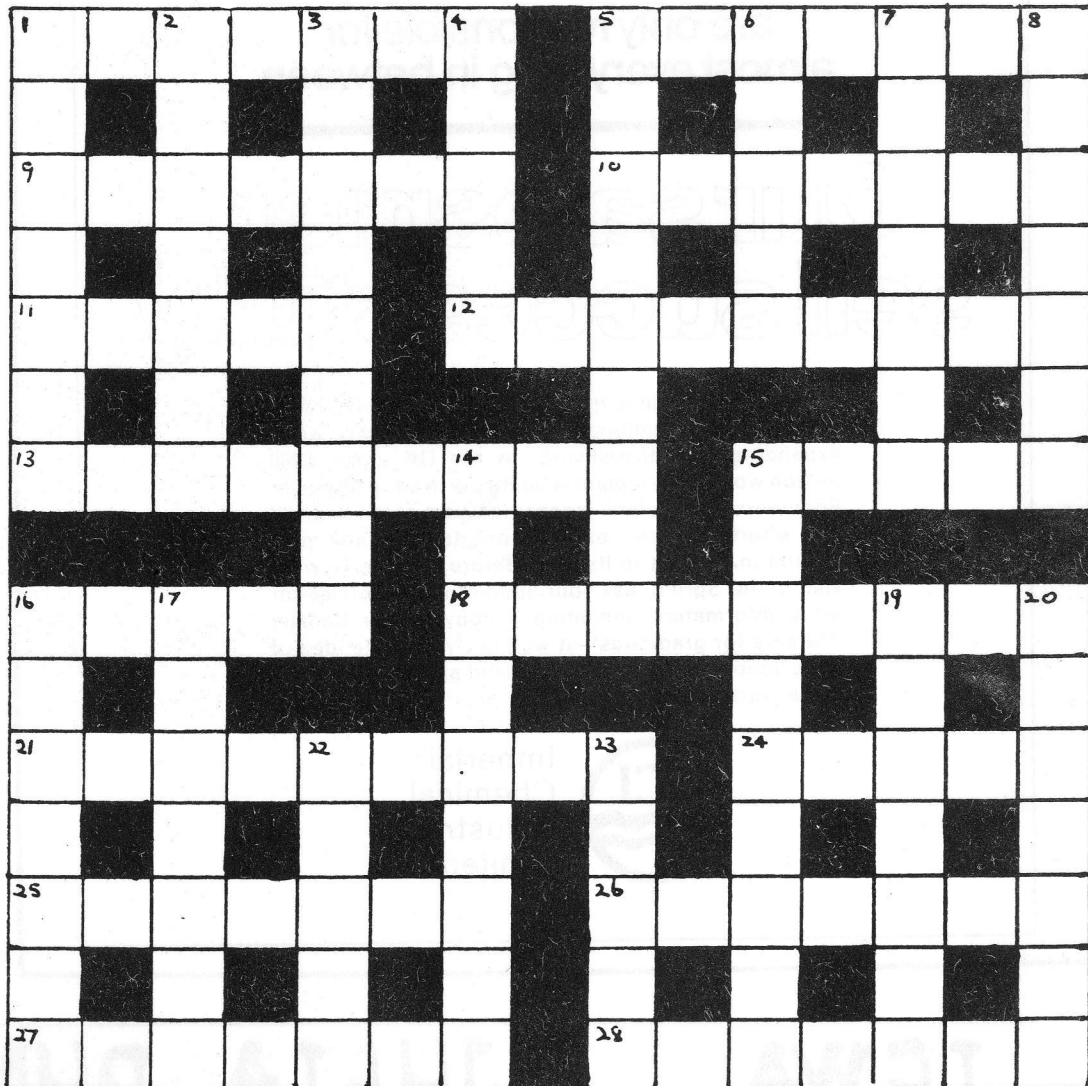
Answers to last week's Crossword

- Across.**
 1. Rope. 3. Presume. 9. Insular.
 10. Colossi. 12. Laid to rest.
 13. Spiv. 15. Converse 17. Kellog.

19. Trench. 21. Integral. 24. Opus.
 25. Compliment 28. Spanner.
 29. Elation. 30. Messier. 31. Berg.

- Down.**
 1. Russian. 2. Pilot. 4. Recess
 5. Salt. 6. Mess-pal. 7. Dislocation
 8. Arrest. 11. Inquisition.
 14. Here. 16. Each. 18. Snapper.
 20. Educate. 22. Reeling. 23. Course.
 26. Irate. 27. Ends.

X a m



£2 Prize to the first correct solution
 received by Internal Mail
 at the FELIX Office

Since on-one succeeded in solving last week's *Prize Crossword*, the prize this week will be £2. The winner will be drawn out of a hat containing all the correct solutions on Wednesday afternoon. The Editor's decision will be final.

FOLK CLUB

Anon

FOLK CLUB claims yet another success. Everyone was unanimous that the Swan Arcade concert was an unqualified success.

We were happy — No, this is not the Queen writing — to welcome back Tim Brookes — a previous Folk Club Secretary — and Mike Peale — an erstwhile Publicity Officer of the aforementioned wonderful society. Both of these did regular floor spots last year. Tim sang several of his own compositions. Mike sang songs from his native Geordieland, so I couldn't understand a word — which on some occasions was a good thing — I'm too young to hear such lurid lyrics. However, the tunes were good but they didn't help us breathe more easily — it was stifling in there. (Sorry about that pun but what can you expect after N Guinneses? Guinni??). Back to the subject, Mike's ghost song 'If only my mummy had told me, but she was too wrapped up to care — think about it', was a very amusing spectacle. Sorry — I'm good at bad puns.

Swan Arcade — a Yorkshire band — described themselves: 'We used to be a folk group, but now we're a bit different from what we were'. They play electric traditional folk if such a thing exists. On the whole, they were very popular — even if a certain lady did plunge them into darkness for the duration of one song. Oh, I'm sorry, I didn't mean to dig — but it was a stupid thing to do. The group did one encore and despite cries of 'encore de encore' — cringe — finished at 11.00 prompt. Hurray! Folk club finished on time for once. On a more serious note (B flat for example) would our members please note that NO glasses are allowed in the refectory. Thank You.

I think it's about time I finished burbling on aimlessly and went to the bar — No, I didn't say that, I really meant go and do some work — (that's my story and I'm sticking to it, until I can think up a better one).

JAZZ CLUB

N.V.Morrison

SUNDAY nights can be the most boring and depressing time of the week, with nothing to look forward to and precious little on television. That's why, under the auspices of IC Jazz Club, Sunday sessions were introduced to provide a wide range of music at a price we can all afford, i.e. it's free!

These not to be missed events, are held in the Union lower lounge and usually start about 8.30p.m. The music ranges from rock through blues to ragtime and even Jazz and is mostly provided by amateur or semi-pro' bands with the odd big name amongst them. Next Sunday we will feature an entertaining little Trad. group called 'Tyger' band, so pull up a pint and pop in.

Last Sunday (20th October), 'Inspector Lloyd', a highly proficient Blues-rock band, who featured Paul Goose on drums, were our guests. They played a mixture of blues classics, such as John Mayall's 'The Bear' and their own material. The musicianship, particularly of the bassist and tenor sax player, was of a very high order and was well appreciated by an almost capacity audience.

This space is empty.

Discuss.

EXORCISM, MYSTICISM and JUDAISM
 Tuesday 5th November. 1.10p.m.
 Mech. Eng. 340
 A talk presented by IC Jewish Society.

IC YACHT CLUB
 Cheese and Wine Party and Film (Admiral's Cup).
 Tuesday 5th November. 7.30p.m.
 Union SCR.

LOST
 On Friday 11th October.
 A Chaps Club pewter pot (CANNING).
 Should anyone know of this pot's whereabouts please get in touch with the Union Bar. A reward of £5 is being offered for the safe return of this priceless (as all old pots are) pot.
 The pot may be returned directly to Beit Hall security, no questions asked.

Oops!
 50p (30p members).

Woodpushers' Corner

D. Carr

LAST SATURDAY an intercollegiate chess competition was held at ULU. It went off not too badly considering that the tournament organiser was still recovering from the Materials Science freshers dinner the night before.

IC entered two teams which were much weaker than they could have been (due to the great enthusiasm engendered by Messrs Heppell and Delnon) but nevertheless did very well. University College won the competition quite convincingly but the two IC teams finished second and fourth (out of eight). Special mention must go to three on top board for IC 1st; Silvio 2½; Warwick Grigg 3; and Dave Edwards who scored 2½ (playing for Bedford to make up a team).
 My thanks go to everyone who helped clearup afterwards.
 Team: R.Wren, D.Faldon; S.Arnone; R.J.B.Craven; P.Warren; W.Grigg (Dirty Books); D.Edwards; G.Nolan.

IC FOLK CLUB presents

GARY & VERA.

in

Union Lower Refectory.

6th November.

20p members

40p non-members.

Membership 50p.

JEWELLERY

SOC?

Anyone interested in making or learning how to make small articles of silver jewellery, please contact Lindsay Maxwell through the Mech. Eng. letter rack.

EFFECTIVE 25% CUT IN DEMONSTRATING RATES

LAST YEAR postgraduates all over the country campaigned for £2 per hour for demonstrating in practicals because that was considered to be a fair rate for the job. At IC the campaign was strong and a satisfactory agreement with the College was reached. Basically that agreement was that we be paid £2 per hour for session 74/75, with that rate tied to the lower end of the lecturers pay scale, subject to any national agreement. (If we had had this agreement in 73/74, the rate for 74/75 would have been £2.27 by the way). However there was one unsatisfactory aspect, being that of tutorials which too are to be paid at £2.00 per hour - which we considered to be ridiculous.

However, now all that is passed. There has not been a national agreement, but a national dictate from the CVCP. A CVCP committee consisting of our own Sir Brian, the Secretary of Edinburgh University (where they have had demonstrating rate campaigns culminating in a strike) and two other vice-chancellors have made a report. In fact, it is a very good report, it recommends the rate be tied to the lecturers pay scale and several other things we've been asking for. But it does recommend an hourly rate including preparation time for demonstrating at a minimum of £1.50 and for tutorial a minimum of £2.70. In itself this is fine, it is a question of interpretation.

The report has been interpreted by the University of London Collegiate Council which has made the following recommendations:

- 1) Demonstrating rate including preparation time shall be £1.50 per hour.
- 2) Tutorial rate including preparation time shall be £2.70 per hour.
- 3) These rates shall be reviewed annually.

The Collegiate Council's report has in turn been interpreted by the College. Sir Brian Flowers verbally told us of the College's position when asked at Union Council about the tutorial rate.

- 1) No postgraduates may give tutorials at IC, therefore

no-one need be paid for them. 2) Our £2 per hour for demonstrating will not be cut (big deal!) but it will not go up either, until the £1.50 we would have had, increasing annually, reaches £2. In other words, over the next few years the value of our demonstrating earnings will be cut by 25% due to inflation.

It will be remembered that most postgraduates were earning £1.50 in session 72/73. We have had at least 30% inflation since then.

You may be thinking that well, at least the College has kept the Postgraduate Group in the picture. But that is not true. We have only heard about the report of the CVCP and the Collegiate Council through the Students' Union of another London College. That is not good enough. It makes student representation a farce when they are not told of the final decisions. I have no doubt we would not have heard to this day if we had not had the information from elsewhere.

Now it is quite true that the actual number of hours

demonstrating is likely to be cut quite drastically in the near future due to economies in the College. Although that is to be opposed, the actual rate should not be allowed to fall as a consequence. If that were to happen when the money supply improved, the whole campaign would have to start again.

I will end with some questions which must be answered:-

- 1) Why have the 'minima' of the CVCP report become the 'maxima' of the Collegiate Council report and the targets for this College?
- 2) Why is there not at least a London Weighting on the minima?
- 3) Is not the £1.50 as arbitrary a figure, if not more so, than the £2.00 the students and the AUT consider to be fair?
- 4) Perhaps this is the most important question. If the College believes in student representation, in return is it not fair that we be kept informed of decisions made at College level which affect us? Is not the present system of representation a farce?

£50,000

THE RENT STRIKE FUND at Birmingham University now stands at a total of just over £50,000.

Sources there say the size of this sum is obviously worrying the University, who are reported to be trying all the tricks in the book to entice people to pay their rent to them and not into the Rent Fund.

One reaction has been for a hall manager to instruct the cleaning staff to tighten enforcement of the hall rules. This means people with 'illegal guests' will be reported, students must be out by 9.30p.m., and no extra items of furniture will be allowed. This is rumoured to include stereo systems.

As yet the only real con-

cession from the University has been that the late payment fee of £2 will not be levied until the November review has taken place. This is no concession to the demands of the Birmingham Students Union.

It is hoped that the Rent Strike Fund total will soon reach the target of £70,000.

MARGATE CONFERENCE:

Papers for NUS delegation will come down on Tuesday.

Nominations Wanted.

Felix

25th

Anniversary

Issue

WILL BE ON FRIDAY, 6TH
DECEMBER, 1974. ALL
CLUBS, SOCIETIES, UNION
AND COLLEGE PERSONNEL

ARE INVITED TO SUBMIT
ARTICLES FOR THIS ISSUE
ON THE THEME OF WHAT
WAS HAPPENING 25 YEARS
AGO OR WHAT HAS HAPP-
ENED SINCE.

COPY DAY FOR THIS
ISSUE WILL BE NOVEMBER
22ND.

PARKING PERMITS (APPEALS)

The following people have been successful in their parking permit appeals:

Residents

R. Dutton DVU 486C
P. Taylor KMP 104B

Commuters

M. Hope } PRX 202F
Anon } PBO 930G
A. Young NAM 543M
A. Ghandi TRK 232M
M. Ricabi ELD 390C
D. Hardman SLA 536F
I.J. Jagoda MLR 225L
P. Bonner JPG 649C
V. Ang MMH 507L
G. Gouvras PYV 220 F

A.J. Kerlake XFM 662
N. Spillman MYU 799L
P.T. Jeffs MMY 981C

IC DISASTER FUND.

There will be a meeting of the IC Disaster Fund (IC Ethiopian Appeal Fund last session). for anybody interested in helping us.

Please come to the Union Upper Dining Hall (1st floor) on Tuesday 5th, November at 1.15 p.m.

Our scientists
ponder fruitfully

Engineers

are only responsible for
almost everything in between

Our salesmen
sell successfully

For sheer variety and interest, engineering in ICI takes some beating. Nationally and internationally, we're expanding and diversifying - in the UK alone £200 million worth of new plant is being put in hand this year. Engineers (particularly mechanical) are at the heart of this effort, and can expect opportunities and promotion in relation to its size. Before ICI interviewers visit in the Spring, ask your appointments service for more information, including a copy of our booklet 'Careers for graduates' - it will give you some idea of ICI's scope, management style and attitudes to social and environmental issues.



Imperial
Chemical
Industries
Limited

CHEM
ENG
JOKE?

Jobs on 01-360 4672
between 19.00 and 21.00
hrs. during the next 5 days.

WORKSHOP TECHNICIAN
Grade 5 required. Must have
experience of cycle repairing
and be prepared to undertake
handyman duties in undertaking
lessons. Contact: Apply to
Dept. Chemical Engineering &
Chemical Technology, Imperial
College, Prince Consort Road,
London SW7 2BX. Tel. 01-
589 5111.

WORK STUDY ENGINEERS
Senior work study engs.
needed. Required to attend here
assignment. The assignment here
is £3,500 per annum.
Part-time.

This advertisement was brought to our notice by Martin Turner and appeared in *The Daily Telegraph* of Wednesday, 23rd October, 1974. Here is in fact a Miss Georgina Greene, and a Mr. J.S. Oakley, in the Chem. Eng. department, the former being secretary to the Head of Department, Prof. A.R. Ubbelohde and the latter the Departmental Superintendent. Does anyone in Chem. Eng. claim any responsibility for this?

ICWA JULIA DUNNING

TO THE MEN OF I.C. - TAKE HEED OF OUR FEMALE CHAUVINISM!

DO YOU have the qualities women look for? Can you keep an audience of impressionable young females riveted to your KNEES?! For at least five minutes? If so, then you could be the next Mr. ICWA, 1974-75 (there's the added incentive of a pot in the Union Bar!). You would, of course, be the only male member of this noble organisation, as well as having the most sort after knees in London! Seriously and the job IS infact to be seriously contested, we welcome ALL gentlemen to consider entering and to come along and pit their wits, or, in actuality, their knees, in the Annual MR. ICWA **KNOBBLY KNEES competition** to be held on Tuesday, 5th November at 12.30p.m. in the ICWA Lounge. Refreshments in the form of Cheese and Wine will be available. This infact, will be a

General Meeting of ICWA and as such I hope as many of our members as possible will come along and take part in the voting of MR. ICWA. A Freshers Rep. for the Committee has also to be elected. We are also in need of ideas for a Rag stunt. If anyone has any ideas could they please let me know.

If any of you are interested, the IC Darts team is trying to get together a Ladies Darts team. If you are, they can be

contacted most lunch-times in the Union Bar through Malcolm Ransom, or you can get in touch through me (I'm in my room most lunch-times i.e. 98 Beit).

I should also like to draw your attention to the fact that the Rugby Club are holding a Bonfire party at Harlington on Sunday. I have been asked to extend a cordial invitation to all ICWA members to attend. Apart from that I think it should be good fun - they're certainly making an effort to make the evening a success. So if you can go, do so.

Well, that's all folks, I hope you all enjoyed the Hallowe'en do last night. See you on Monday.



RECORDS

RECORDS

Paul Ekpenyong

**James Brown - His Hell
Polydor Super Double 2659 036.**

THEY DO not call him The Godfather of soul for arbitrary reasons. This double album is solid proof of his reputation. Man is he strong. From the exciting hard hitting funky-soul to the cool rhythmic groovy soul the whole show is magnificently executed in the true James Brown style.

With an album of this calibre one has

to search very hard for loopholes in accomplishment. The title track 'Hell' expresses a comment on society and the lyrics are good, two lines of which are 'It's hell tryin' to do it by yourself' and 'In the White House it's hell'. Musically it is not one of the best tracks on the album.

There are some old tunes included such as 'Please, Please, Please', 'A Man Has To Go Back To The Cross Roads', and 'My Thang'. The latter was

released as a single quite a while ago and sounds very much like 'Doing the Funky Chicken'. The former are excellent pieces of musical accomplishment as regards soul music.

The last track on record two is the only track and is called 'Papa Don't Take No Mess'. A trifle too long for my liking but it is good all the same. Well after rambling on for a bit I suggest that you should get this album if you are really into this type of music.

Andrew Osborne

ZZEBRA by Zzebra (Polydor)

NOT TO BE confused with the animal of the same name this band has a double 'z'. This means that those of us civilised enough to stack our records in alphabetical order find it right on the end and, when in some variety of stupor, we blindly select an album to groan along with it is likely to be the forementioned Zzebra. This name was a devious ploy because there are few other reasons for playing the album.

The six-man band has a fairly uninspiring history. Guitarist Terry Smith and saxophonist Dave Quincy were with the tolerable 'If', singer Gus Yeadon was in the appalling 'Love Affair', multi-instrumentalist Loughty Amao came from 'Osibisa', finally John McCoy (bass guitar) and Liam Genockey (drums)

joined from 'Curtis Muldoon'. Their only claim to fame thus far is a single/theme tune 'Zardoz' based on Beethoven's 7th symphony (such sacrilegious behaviour can never be forgiven).

The album kicks off in very low key with 'Cobra Women', so that you hardly notice it's started. The tempo increases for the tedious 'Mr. J' which is followed by 'Mah Jong', an instrumental which sounds like the theme tune to some ITV current affairs programme, but does contain some tasty wah-wah sax. The side glides out in much the same way as it started with 'Ife'.

Zzebra's music has been described as 'laid back' but it seems that that's just a polite way of saying unexciting. Their criss-cross rhythms explode with

monotony.

Side two contains the two best tracks 'Amuso Fi' and 'Rainbow Train' although both are extended so long that they outlive their merit.

The band claims that they cannot be categorised and anyone who tries it is a bore leading a completely regimented life. Maybe, but one of my favorite pastimes is putting things in nice labelled pigeon-holes; only when a band defies my classification crusade do I become one of their fans. Zzebra are indubitably jazzy afro-rock, vaguely reminiscent of Osibisa. If that's what you like, you might like this.

Finally, I feel I should say if Zzebra are at the crossing they are in grave danger of being mown down. Zzzzzzzzz!

FILMS

Richard Waring

JUGGERNAUT.

I HAVE read the reviews for this film in the papers and the critics say that it's a very entertaining film. You can take it from me that they are right for once. The film gripped me and just about had me off the front of my seat in the closing minutes.

The basis of the plot is that someone calling himself 'Juggernaut' (hence the title) has planted seven large bombs aboard the ocean liner 'Britanic' (captained by Omar Sharif). Juggernaut demands half a million pounds to say how to dismantle the bombs before they explode at dawn the next day. A bomb squad under Commander Fallon (Richard Harris) is flown out and parachuted into a gale to join the liner. The remainder of the film is taken up with the race

against time. Will the police catch Juggernaut to make him 'spill the beans', will the bomb disposal squad manage to defuse the bombs or BANG. Also the film quickly surveys the effect all this has on the one thousand, two hundred passengers and crew aboard the 'Britanic'.

There are a number of interesting little side complications which add to the tension of the situation in one way or another, for instance: the family of the policeman in charge of the investigation is aboard the liner. Good one this, it has the policeman biting his nails every time someone holds up his investigation. It's also one of those films where you have actors who keep turning up time and time again in the supporting roles;—'Er... wasn't he in ...' I can never remember the names of these

people who add so much to the film (this time is no exception I've lost the bump sheet on the film). However I do remember a particularly good performance in this category: Roy Kinnear as the ship's entertainment officer who is given the unenviable task of carrying on as if nothing has happened and keep all the passengers happy too.

Possibly the idea for the plot was taken from the incident last year when bomb experts were dropped onto the QEII after bomb threats, though there proved to be no bombs aboard then. I will not spoil your enjoyment by giving away any of the twists in the plot (and they keep on coming right to the end), but I will advise you to see it, for your own nail-biting session. With bombs in the plot how could they fail?

CONCERTS

Richard Waring

Wishbone Ash + Upp, at the Rainbow.

WHEN Ted Turner left Wishbone Ash a couple of months ago, he said it was because 'we had gone about as far as we could go'. I agree with him.

The support band at the Rainbow was Upp: a bass player, a drummer and a vocalist/keyboards player. They were quite 'different' but the first two were unexciting, and as for the third! The vocals grated horribly and some very odd noises came out of the organ and synthesisers (I'm not sure how many were deliberate). To cap it all the guy seemed to think he was a sweet singing Keith Emerson.

There was a long delay between acts, nothing seemed to happen after the stage had been rearranged. Eventually Wishbone Ash came on stage to a rousing welcome (part sarcastic?) and launched

straight into the first number: a track from their forthcoming album 'There's the Rub'. Andy Powell then introduced the new member of the group: Laurie Wisefield ex of Home. Two more new numbers followed.

The next announcement of 'I think its time to play some old songs' was greeted by wild enthusiasm. The band then launched into 'The King Will Come', 'Warrior', and 'Throw Down the Sword': all from their award winning third album 'Argus'. These came off quite well despite the fact that the group has lost a lot of its coherency of playing (a certain lack of clarity in the instrumental sections was evident). After another new number, Steve Upton (the band's drummer) wandered around on the front of the stage and introduced the long instrumental from the new album which was called, believe it or not, 'FUBB'. This, he

informed us, stood for 'F****d Up Beyond Belief' - I can quite believe it.

'Blowin' Free' and 'Time Was' from Argus closed the show. For the first encore the band played 'Home Town' and 'No Easy Road'. The last number of the night was 'Where Were You Tomorrow?' from their second album 'Pilgrimage'.

To sum up, time and changes have made it impossible for Wishbone Ash to maintain the standards of tightness of playing and excellence of tunes they once had. They now, while still above average, are a much more ordinary band than of old. I personally dislike the change of direction towards rock 'n roll, and miss what I see as a continuity of theme in parts of their first three albums.

with thanks to M. Jackson

Bob Mills

First let's mention the support. A group called ORANGE not yet peeled it would seem. A fair amount of talent and did the job that they were there for and that was to warm the audience to music. But who needs warming to OSIBISA!

Just as their name suggests they come especially to make music. Coming on stage in what is now a traditional parade, drums beating in rhythmic eloquence, they went straight into a warm up from which developed a musical interpretation of the African Jungle called 'Deep in Africa'. This included much intricate keyboard work from KIKI GYAN. Next the group decided to hit the audience and launched into what is probably the best Osibisa single ever; 'Music

from a Gong Gong' (1st Album). This track highlights the versatility of each individual with the group each contributing to the whole sound. The congas of Kofi AYIVOR being prominent and filling the audience with basic primitive rhythm. Featuring prominently throughout the proceedings are the leader TEDDY OSEI on sax and his brother MAC TONTOM on trumpet. A medley of tracks starting with their new single 'Whose got the Paper, I've got the Mouse?' followed. This particular track was probably the worst music played all night but presumably they have to plug sales. Following that were two tracks from Superfly. The first being 'Superfly Man' featuring some excellent rhythms with up to six of the

group playing percussion. A sad lament called 'Why' with some brilliant guitar from PAUL GOLLY broke suddenly into a climax causing many people to leave their seats with fits of movement. By now the audience were well into the music and great cries of accompaniment could be heard from every point.

From a very unusual lead-in on bass by JEANMANDEGUE the next track kept many people on their feet. Called 'Osibirock' from their new album, it included the whole group producing an incredible beat from four sets of percussion, keyboards, and guitar. The percussion being blended around SOL AMORFIO who skips between the drum-kit and his beloved congas.

As always Osibisa enjoy

audience participation and thus included 'Kileli' receiving the appropriate yells in reply from the crowded hall. Not wasting time TEDDY took the group straight into a number called 'Fire' which has an exceptionally beaty sound containing a groovy bass guitar solo. With the usual yelps and shouts TEDDY did the Osibisa chant and they were into 'Aiko Bee Ai Ay' (1st Album).

To tumultuous applause and the chanting of OSI - BISA the group reappeared to give yet another 30 minutes of continuous encore. The spectacle of seeing this group perform was not to be missed and if further performances are as good as this one, you'll have had your money's worth. Highly entertaining to the point of brilliance.

BOOKS

Neil Pitcher

David Watson: My God is Real (Falcon).

THE TITLE of this book sums up fairly well what it is all about; in it David Watson expands on the theme that his God is real. In the first half of the book he presents the truth of Christianity mainly in an apologetic manner, first examining the historical Jesus and arguing in a compelling way for the Christian exploration of this unique person. He then spends three chapters talking about traditional Christian ideas

like sin, hell and the cross in a way that is easy to understand - you won't need to be referring constantly to a dictionary of theological jargon as you read it.

The hinge of the whole book is the chapter on the resurrection in which the author argues forcefully for the Christian explanation of what happened, i.e. that Christ did rise physically from the dead. This leads on naturally to the second half of the book in which he does an extraordinary thing: he starts being practical about Christianity (What next

I ask?) He talks about what it really costs and means to commit yourself to living a real christian life, following a real Christ.

This book, besides being very readable, presents Jesus Christ and his truth in a clear and no nonsense manner, and I would recommend it to anyone who wants to examine the Christian point of view.

'My God is Real' will be on sale on Christian Union bookstalls around college from 28th October until 1st November.

HOCKEY

IC V UC

After chasing around the tubes and streets of London, IC 1st XI just managed to catch the UC coach that was to take them out to the wilds of Hertfordshire. From the start IC were on the attack but unfortunately did not have the ability (or luck) to add that final touch to many well worked moves. The inevitable goal came from a Bob Middleton short corner shot. UC, although somewhat subdued and muddled in defence, looked dangerous on the break and it was from one of these that their equaliser came.

In the second half more

pressure was mounted by IC and what proved to be the winning goal came from a cunning short corner deflection by Trevor 'Superstar' Tutu. Soon after Mr. Clarke missed a penalty kick leaving the final score 2-1, although a certain left winger who shall remain nameless, 'although his real name is Jay Bashar, thought we had drawn 1-1 (zzzzz).

Team: R.Hulson, J.Marshall, C.Hodge, K.Arrowsmith, T.Clarke, T.Hanson (Capt.), D.Lord, T.Tutu, R.Middleton, J.Andrews, J.Bashar.

IC V SURBITON

With an immaculate team of eight men, three veterans and five novices, IC's 3rd team were already set to go at 1.15 p.m. At 3 o'clock the coach turned up - yawn! After this encouraging start we commenced battle with the opposition, nine men against eight, with one of their men as referee. Surbiton were working well, and were soon '1-0' up - gloom! But this was not to last long as the 'intrepid footballer*', one of our five novices, scored a beautiful goal to equalise. This was followed by another good goal by Andy Hall, from a short corner. '2-1' up - hooray!

The second half saw a bit of team rearrangement, due to the appearance of three members of the IC 2nd XI. Most of the second half was hence played with ten 'Surbitons' to our nine, and two umpires courtesy of IC.

After a bad patch, we found ourselves '3-2' down - gloom again! But never fear, yours truly, alias 'cuddly Captain Ken', scored from a short corner to give the final result, '3-3'.

*The Nobel prize for hockey goes to our footballer friend. Sorry, I couldn't remember your name, but please come again. Give up football (football? What's that? - must be a cissy game) and see the world with IC Hockey!

LADIES' HOCKEY

Shirley Fairweather

On Wednesday 23rd October, the IC Ladies Hockey Team sallied forth for their first league match, vs King's College. The nine members playing tried hard against the fierce opposition. We seemed evenly matched until half-way through the first half, when a hard ball, destined to miss the goal, was unfortunately deflected by an IC stick into her home goal. The question of her resignation is not under review.

Having chomped our oranges, we began the second half bent on revenge. Consequently, King's scored on their own within a few minutes. We began to redress the balance with a goal scored by Janet, but after a series of comers, an

accurate shot from King's sped through our defence. (Fluke). IC broke free several times, but never succeeded in scoring again.

The result, 3-1 to King's was disappointing, but hopefully they are our strongest opposition in the ULU League. We are desperately short of players - especially a goalkeeper (who could have saved all those goals). Many thanks to all who played and remember 'If at first you don't succeed....'

Team: Sarah Horn, Diana Mounsey, Janet Coxage, Aviole Timpson, Maureen King, Jane Purvis, Jane Gwynne, Lynne McLardie, Shirley Fairweather and umpire Jan Mellors.

MIXED HOCKEY

On Sunday the IC 'Mixed' Hockey side played the Royal School of Pharmacy at Harlington. The sides were balanced (even though we were missing two players) the result fair and the match enjoyed by all. The score - one all (1-1).

The initial foulweather did not put off ferocious Shirley Fairweather whose excellent and solid defensive play was ably supported by cool, calm and collected John Huckle and the panoplied Nigel Harrison. Chris Hodge, playing

in a vague mid-field position was not on peak form but played capably. The perennial John Andrews 'budded' on several occasions with good runs through the opposition defence and 'flowered' once with an excellent reverse-stick goal. The veracious Dave Lord on the right wing, the photogenic Janet Coxage and the extra-lemniscal Sarah Horn all played well. The confrontation was arranged, produced and directed by Mr. David Balderson and this pseudo-prosaic report written by Mr. A. Obscure.

BOAT CLUB

The Boat Club entered six crews in the annual Head of the River Race For Fours last Saturday amongst a total entry of about 250 boats. The race was from Chiswick Steps to Putney Pier - a distance of 2 3/4 miles.

Apart from the Lubrication Lab Four, doing well and approaching the event with slight contempt and nonchalance, everybody had a poor race - dropping below starting positions. The race was fairly uneventful although crew IV, while taking the IBIS second crew ('The men from the Pru'), were treated to the spectacle of them driving their coseless four under a string of anchored barges at full bore. (Mike Hill denies all responsibility).

Lub. Lab All Stars: Neil James, Pete Summers, Andy Bayles and Tim Crookes, came equal fourth with UL Firsts with a time of 12.06. IC Boat Club best crew finished 36th, times were as follows:-

II Bill Swift, John Bland, Nigel Gillet, Simon Barker: 12.49.

III Steve Maw, John Ludwig, John Fitzgerald, R. Wilson: 13.44.

IV Mike Hill, Rich Tomlins, Nigel Philpott, John Holding: 13.32.

V Cox-Andy Dyson, Martin Jones, Willy White, Tony Lancaster, Francis Ellis: 13.28.

VI Cox-Andy Felleman, Neil Walker, Gordon Bale, Stuart North, Geoff Bound: 13.56.



IMPERIAL COLLEGE R.F.C.

GRAND BONFIRE

to be held at Harlington on
SUNDAY 3rd NOVEMBER 1974

FIREWORK DISPLAY * DISCO
FREE COACHES * FOOD

Price 90p double, 50p single inc. of coaches and food.
Coaches leave Imperial College Union, Prince Consort Rd., from 6.30 p.m.

FELIX SPORT

RUGBY

Bruce Bradley

IC 1st XV arrived at Harlington only 90 minutes late due to another WAFU with Gamers coaches much to the disgust of ourselves and the opposition. The match eventually got underway and the first encounters suggested that IC were in for a hard time.

The Rosslyn Park back row dominated the loose ball and although at this stage fair ball was being supplied by the IC front five this proved insufficient to hold the rampart Park team. Within twenty minutes IC were 10 points behind from a goal and a try. This deficit was cut by a Finney penalty after a late tackle on Cresswell and from this stage until half time IC dominated the match. After initial work by Robbins, Feam pushed his way over for a good try giving a half time score of 14-7.

At this stage things were in ICs favour as they turned around with the slight slope and wind in their favour. The IC front five had begun to get on top and had executed one tremendous scrum shove sending the Park pack back ten yards. Lineout ball was also going their way.

It was not to be, however. The Park continued to win the vast majority of the loose ball and threw the ball around in seven a side fashion. They dominated the half completely showing IC the way with their speed and skill. More to the point they showed a brand of confidence and fitness which IC could not even contemplate matching. To their credit the IC team never gave up even in the face of a tremendous barrage of tries. The Park in fact, ran in six tries in the second half without reply from IC, giving a final score of 44-7. IC were well beaten but not disgraced.

Team: B.Finney, A.Williams, R.Stern, R.Abe, D.Shakesbeef, R.Hughes, T.Fearn, B.Bradley, R.Austin, D.Hart, K.Lipscombe, S.Booth, M.Sergot, P.Robbins, R.Cresswell.

STOP PRESS

IC rugby team beat UC 16-3 at Harlington on Wednesday.

BONFIRE TICKETS

These are available from Pam in the Union Office.

Rob Jones

Once again the intrepid International XV, with their new overseas player, set out to do battle last Saturday against the less known KCS Old Boys. For the first time in our history we managed to arrive at the oppositions ground before the home team, which left us some time to work out some 'plays' (Courtesy of Ned). The changing rooms seemed designed for mice rather than men but by working out a shift system we all managed to change in time for kick off.

The game started evenly with both sides trying hard to obtain the initial advantages. In one of the many periods of pressure from IC, we were awarded a penalty, which Neil Hicking only narrowly failed with. However, not losing heart at this IC kept going forwards and after a long spell of pressure a try finally came. A good run by Ned ended with a loose nick, the ball came back quickly to Graham Battenshaw, who sent a pass to Gwyn Davies. Gwyn made a clean break and sent Jon (I've scored in every game) Pitcher over in the corner. Needless to say Rob Jones failed with the conversion. Thus at half time IC were leading 4-0.

The second half saw IC doing all the pressurising and frequently Chris Whiteley made crashing breaks through the middle only to be tackled short on most occasions. By now the forwards had complete dominance and outstanding performances were made by Ian Eleanor and Flourisch Schocking, our new No. 8. The continual attacking caused our downfall and KCS made a break from bad handing in our backs and a lucky try was scored. The score now being 4-4, IC put all they had into the last five or so minutes but once again, we were stopped short every time, so the score remained the same, although it was a moral victory to IC.

Well played lads!

Team: Stuart Dobson, Ned, Gwyn Davies, Chris Winteley, Jon Pitcher, Rob Jones, Graham Battenshaw, Ian Eleanor, Tony Fitzgerald, Neil Hicking, Steve Aspden, Chris Cuthbertson, Rich Sutton, Fred, Flourisch Schocking.

SOCCER CLUB

steve bates

Wednesday the 23rd, saw IC Football Club hosts to their old rivals University College at Harlington with the first 3 teams participating.

The first team, inspite of windy conditions, played some inspired football with the midfield taking control early on and moving the ball about speedily and precisely. Glen Swaby put in an excellent performance on the day and so to did veteran Colin Highan who netted two of the goals with fierce first time shots. Up front, persistent running by ageless Bob Day and newcomer Steve Gee always had the UC defence on edge. Bob, in one sortie, proved much too fast for the opposing centrebacks when he ran through to push the ball past the goalkeeper with consummate ease.

The second team, in a very disappointing performance went down 3-0, while the thirds after a brave fight in an evenly balanced game lost 2-1; Phil Singleton outstanding for the home side.

On Saturday the annual outing to Oxford came to pass.

The firsts in an exciting, if not the most entertaining of games, scraped a 2-1 victory over a useful St Edmund's Hall side. After scoring the equaliser, Ian Hyslop, in a neat interchange, laid on the second for our Dreaded Russian centreforward with only minutes remaining.

The depleted second team were predictably defeated by New College 6-3. Several of our players, however, turned on some good football, in particular, Gerry Lindon who showed some nice touches up front. The other game played was that between Hertford College and our third team, also without many of their stars, and this ended in a 3-3 draw. The highlight of the match was the reappearance in an IC shirt of Rob 'The General' Carty, a club committee member of some years ago and now an old boy, who celebrated his comeback by scoring all three goals for IC.

Evening entertainment was provided by Rog Hunter, who once more demonstrated his phenomenal drinking powers.

THE HOT LINE

GOT SOME INTERESTING INFORMATION? LET FELIX KNOW ABOUT IT. RING

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