



FOUNDED IN 1949

Felix

NEWSPAPER OF IMPERIAL COLLEGE UNION

FREE!

No. 368

FRIDAY, 8th NOVEMBER, 1974.

THE PRATT REPORT

ON TUESDAY night an emergency council meeting was held to discuss the Pratt Report. This is the report of a working party set up in March to advise the Rector on the use of college facilities by outside bodies.

Council accepted much of the report as it was the kind of policy that the Union have been seeking to have implemented for some time. Council agreed normal college use of all facilities must have first priority and sought confirmation this would include bookings by Union clubs and members of college. To facilitate this it was proposed that outside day bookings be definitely fixed not more than six months in advance. The recommendation that college strengthen links with the local community was welcomed, provided this meant all levels of the community.

Especially welcomed was

the recommendation that Post-graduate students should be allowed to remain in residence in halls all year.

The main point discussed by council was the recommendation of the appointment of a Domestic Secretary who would co-ordinate bookings, buildings, refectories, residence and domestic matters. Managers in each field would be responsible to him. Council felt that one person should not have so much power. It recommended that a small executive committee be set up under Chairmanship of the Domestic Secretary, to exercise the major decision making functions.

RAPE DEMO' ARRESTS

SIX WOMEN were arrested outside the US Embassy in Grosvenor Square last week during a demonstration in protest of the sentence imposed on a woman in America for shooting a man who raped her. Inez Garcia had been sentenced by a California Court to between five years and life. Ms Garcia is appealing against conviction and sentence.

In London police had asked the 25 women who were demonstrating on a wide pavement in front of the US Embassy to move to a narrower

pavement across the road, 'an they were causing an obstruction'. In reality this was to preserve the dignity of the Embassy. Six women refused to cross and were arrested.

One woman reported that what made them especially angry was the Chief Inspector, on being told the group was a collective and had no leaders, pointed to one of the women and said 'You're the prettiest girl - I'll talk to you'.

Nice one Cyril!

'POOL POLY PALISADED

STUDENTS have been occupying Liverpool Polytechnic for 20 days this Friday, and as yet there have been no concessions from the Poly Governors.

About 50 students moved into Polytechnic premises after a Union general meeting on October 17th, and have since been refusing admission to all academic and non-academic staff.

The students have laid six main demands before the Governors: The Governors should

1. take action to improve the student housing situation
2. reverse a 15% price increase in catering charges
3. inject money into Union Funds by pressing for a larger per capita subscription from local authorities
4. not continue with a proposed 33% increase in hall rents in January
5. provide a nursery
6. improve the communal facilities of the polytechnic.

A spokesman said 'we chose these six demands but we are really drawing attention to Education expenditure cutbacks as a whole'. A further point in contention is the Delany Report which recommended a lower staff to student ratio. The Union oppose this, not least as it would make 150 staff redundant.

Union President Steve Byers said 'Many students have become completely

disillusioned with the power structure of the Polytechnic, which gives the students 2 votes out of 37 votes on the Board of Governors and 2 votes out of 45 on the Academic Board. I believe that most students have now realised that if they operate through the committee structure of Polytechnic they can get nothing done. Therefore, we are forced into taking direct action'.

This is the second time in a year that Poly students, who for the most part subsist on lower grants than University students, have occupied premises at the Poly. In November 1973, students took over the main administration centre until the Governors promised to take action. The present occupation is of a building which supplies paper for all administrative blocks.

Further action is planned for next week with a 24 hour work-in at three art colleges within the Polytechnic. On Wednesday there will be a mass picket outside the local Education Authority Offices.

No information is available today on this Thursday's Governors Finance Meeting which has these events on its agenda.

BO' OFF TO BRIGHTON See page 4

EDITORIAL

Michael Williams

YET ANOTHER 16-page issue. God, what a nauseating pain. Articles, features and small advertisements seemingly flood into the FELIX office and we simply feel duty bound to print them all. That means more space is required; the production takes longer; folding and collating takes longer. That means nauseating pain for the FELIX staff. In order to lessen the burden on the staff somewhat, we are now looking for someone, preferably with little or no experience, who, after a period of training, would take on the responsibilities of Technical Manager. The job is principally confined to Thursdays when FELIX is (only just) produced.

Come on, you people out there!

Surely there are some of you who get the Thursday blues and want to get involved in something worthwhile. Better hurry if you want your name engraved on the FELIX Staff Presentation Pot. And surely the post-college advantages must surely speak for themselves.

With reference to the much talked-about 'Chem Eng Joke?' article in the last issue, we have received absolutely no indication whatsoever as to who might have been responsible, so the whole thing may, inevitably, have to remain a mystery. *Needless to say, we have received confirmation to the effect that Miss Georgina Greene (Secretary to Professor Ubbelohde who is at present*

the head of the Chemical Engineering Department) does infact ride a bicycle.

*

It seems that the Union General Meeting held yesterday made more than one person angry and disgusted due to the large amount of time which apparently had to be devoted to discussion on the motions which the Union will be contributing to the NUS Conference to be held at the end of this month at Margate. It is clearly understandable that people will become impatient when an agenda essentially gets commandeered by one set of issues. But it is of no use to moan and groan about it. Just try closing your eyes, holding your breath and hope that it disappears. *It sometimes works!*

LETTERS

6 St Augustines Rd,
Littlehampton,
Sussex.
BN17 5NG

Sir,

I have just read the NUS motions in FELIX, particularly the Northern Ireland motion, and I wonder if it is truly the opinions of the student body. I most certainly do not advocate the release of internees until such time as Ulster has a stable power-sharing assembly, murderers should always be segregated from the community, can Ulster afford to have such dangerous political opportunists on the loose at a time when all forms of local government have collapsed?

I appreciate that internment is carried out on suspicion, but terrorists are difficult to catch, and they must all be caught, if only for humanitarian reasons. I do feel that the living conditions in the camps should be much improved.

Who remembers the original civil rights movement? The nearest to realisation that the ideals of that movement have come was the Tory inspired power sharing executive, which was supported by many socialists, myself included. This is why Ulster is kept out of party politics, I therefore object to the content of part 2, paragraph 1, it is divisive. Military presence is necessary until Ulster is politically stable. Bombs and bullets achieve nothing except murder, the problem must be solved by social understanding, and the aims of the original civil rights movement must be achieved.

By way of an after thought, Enoch Powell's presence in Ulster may be benefit us all should his career be prematurely ended by an acute case of lead poisoning, although I would rather he just retired.

Yours,
Rupert Harper,
Mech. Eng. II

Dept. of Chemistry.

Sir,

The atmosphere in Chem. II this year is certainly far more relaxed. Reason - Dave Duce, the GAYSOC ring leader (whoops!) has left. Rumours have it that he is continuing his studies at Sheffield University, where apparently there is a more active GAYSOC contingent. I personally reckon he left because 95% of our year just totally ignored him and the other 5% only said the occasional 'hello'.

So glad I wasn't one of his sort!

Yours faithfully,
'Relieved'.

Imperial College,
Elect. Eng. P.H.,
25th October 1974

Sir,

After reading last four issues of Felix I have not yet seen a reply to any of the readers letters (except C.G. Dewey's which somehow excited the printer to add few unkind words).

FELIX ©

Michael J. L. Williams
Editor

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Paul Ekpenyong, Features Editor

Ramon Newmann, Photographic Editor

Rob Jones, Sports Editor

Richard Waring, News Editor

Chris Keenan, Business Manager

Many thanks to Kyrle, Catherine,
Trish and Riz.

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

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

If the Editors are not interested in the subject others who are affected can be asked to comment, this way surely there will be much more contributions from student body as a whole rather than that of few individual in imaginary esteemed positions at ICU, that due to having been in IC for so many years are unaware of new students and freshers difficulties, we only need to look through the pages of Felix and see some

of the unhappy cases.

Yours faithfully,
M.H. Tavossi,
Sc. of Mat. P.G.

WILL ANYBODY IN
R.S., S.K. or K.A.
Please contact S.Shaw
Mining House, 55 Evelyn
Gardens. 373-0429 or
373-0334, or via Chem.
Eng. letter rack.

IF Only..

Katie McKinnon

THE Australians have their Earls Court, the Arabs their Queensgate and the French their South Kensington. In fact, South Ken. with its tree-lined boulevards, open-air cafes, chic french dress shops (ici on parle francais) and empty letter bins, might very well be a little corner of Paris transposed into the heart of our dear city. If you happen to be around at that unfortunate moment in the afternoon when the lycee (no us) lets loose its contents onto the unsuspecting public you might very well wonder whether you were walking down Cromwell Road or indeed the Boulevard St. Michel. Is it that unforgettable aroma of Gauloise, black coffee and cheap french perfume which trails behind them that reminds you of your last holiday in Paris? Or is it the distinctive way they throw their sweet papers to the ground, the look of near regret as they gently force you off the pavement or the magical sound of a foreign tongue as they bawl at each other from either side of the road?

For those of us at the Institute immersed in this other civilisation from nine to five there is the problem of identity, hereafter known as identitis. This is a nasty disease caused by foreign bodies; it is most common amongst those attending foreign establishments. Early symptoms are a forked tongue thus enabling one to speak two languages at the same time (particularly useful at staff meetings) though this does tend to make eating more difficult.

In fact our college must be the only one in the country where the union meetings with the staff are conducted in french. At one particular meeting we were discussing the delicate problem of staff-student relations and the apparent lack of communication between the two. The discussion however, became too involved for those of us on the union to continue in french so we reverted to english whilst the staff continued in their mother tongue. However, they were no longer too sure what we were talking about and the meeting ended in the sort of uproar that must have reigned at the Tower of Babel. Which all went to prove our point.

Lack of communication between the french lecturers (who make up about 90% of the staff) and the students is THE big problem at IF. Unfortunately, most of the lecturers who come in have full time jobs outside and give only a few lectures a week. Very rarely do they know the other members of staff let alone the names of their own students. One girl recently went to one of her lecturers to tell her that after having followed her course for a year she nevertheless had decided

to give it up. The lecturer didn't even know who she was despite the fact that there were only a handful of girls in her particular group.

Moreover, some of the lecturers show an amazing ignorance of the day to day British way of life. One can easily imagine that they don't have to say so much as a 'yes' or a 'no' from one end of the day to the other. They live in a french orientated area, teach at a french establishment, work with french organisations and send their children to the lycee. There is nothing wrong with staying within one's own little community whilst abroad (and the British know all about that) but there is nothing commendable in it either..

However, it is easy to generalise, and one must admit that there are the odd few who do take an active interest once they have been roped into something. We had a surprising amount of co-operation from the staff for last year's review and for our dinner dance, and even this term many of the male staff have shown amazing willing to contribute to charity by buying a rag mag - could those centre pages have something to do with it? However, it is the day to day co-operation which is lacking. Last year the administration admitted that our system of tutors, whereby students could discuss problems with a specific member of staff, was badly in need of revision. This was because the member of staff designated to each class was more often than not unknown to them, and remained so for the entire year. When we pressed for a system whereby the class itself appointed the tutor, we little realised what we were letting ourselves in for. The Administration decided that we were right, that we ought to have a tutor with whom we were in frequent contact, that one hour should be set aside every fortnight to discuss any problems and that a room should be made available for the purpose, and woe betide you if you don't have any problems! So now, whether we like it or not, we have to attend a 'discussion class' every fortnight regardless of whether any problems have arisen or not. Unfortunately problems do not crop up so conveniently, and even when they do, given a fortnight's delay they lose their sense of urgency. This system is less than useless. The discussion



Lindsay Victoria Maxwell hails from the United States, (though there is little trace of an accent) and is at the moment engaged in laborious third year studies in the Department of Mechanical Engineering. She is hoping

to promote some interest in the art of making small items of silver jewellery by trying to start a Jewellery Soc. We wish her the best of luck!

Photo by Ramon Newmann.

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.

hour just becomes a general grouse hour. But there seems little alternative. Our lecturers are rarely at the Institute, they are highly qualified, consequently their time is precious, and if they are to act as tutors a certain amount of time must be set aside for this purpose for which they are paid. However, the Administration should not be surprised at the lack of support this scheme has so far aroused.

IF's theatre visit last week proved to be a most interesting experience. The theatrical

masterpiece in question was the 'Rocky Horror Show'. If one may judge by the expressions on people's faces as they came out one might wonder how they managed to stay in their seats to the bitter end (we didn't). Much squirming was in evidence and laughter was of the embarrassed variety. If you do like to see sheer unadulterated porn put to music then this is for you. Personally I found it most distasteful, so I suppose it's back to the drawing board and Mary Poppins.

THE ANNUAL Brighton run for vintage and veteran cars took place last Saturday. Both 'Bo', the Guilds car, and 'Jez' the RCS fire-engine headed for Brighton with the rest.

Jez had a series of mishaps. First the driver fell out at a round about and broke his arm resulting in his residence at Crawley General Hospital. A reserve driver was substituted but nine miles this side of Brighton 'Jez' broke down and could not be coaxed into life. The cost of repairs is estimated at £50 plus the cost of an ignominious tow back to IC. It is also believed the repairs will take until February to complete.

'Bo' this year was not an official entry, as due to a surplus of applications the entries were drawn from a hat and 'Bo' was not amongst them (shame!).

After an 8.45a.m. start breakfast was 'thrown aboard—according to plan' at Westminster Bridge. Shortly after this the other 'James and Browne' in the run was passed on Brixton Hill. Out of London it started to rain and the drivers got very wet and cold; but fortified with whisky they carried on to arrive at Brighton at 12.45p.m. More, they confused several policemen who tried to guide them to the official finish.

No mechanical trouble occurred during the run. However, this was due to a quick repair job in the morning. A sprocket for the chain drive to the water pump had to be replaced. The drivers today said they were happy with 'Bo's' performance and were 'very sorry about Jez'.

Photographs by Denis Alanach.

BO' EXCLUDED - JEZ EXPIRES

Richard Waring



Bo' leaves for Brighton

HELLOOO!

Ramon Newmann

Somewhere between Oxford Street and Piccadilly Circus on the day of the Great Tiddly-Winks Race, Dave Barnes (C&G V.P.) lost his megaphone. Mines (the responsible party) were subsequently offered 2 of their Shields and 1 of their helmets in exchange by C&G.

The exchange date was then set for November 5th, under the auspices of the Queens Tower. C&G arrived on time and assumed a position of superiority at the top of the steps, with their demolition squad making preparations consistent with November 5th. When Mines turned up, C&G proceeded to blow up the Queens Tower (with a loud theatrical bang in a dustbin). After shouts and hisses, the exchange actually took place, followed by the respective CCU songs/chants. Surprisingly enough, the whole event finished peacefully, with C&G shouting 'Boring'.



Dave Barnes jovially manipulating his megaphone.

Imperial College
Sailing Club

Cheese and Wine
Party

Wed. November 13th
in the Union SCR
at 8p.m.

Disco Tickets 35p.

Imperial College Folk

Learn Ceilidh/
Folk Dancing.

FREE

Bring Wellies!!
Union Concert Hall,
Friday 8th Nov.
8.00p.m.

HON SEC

Jacqui Gerrard

Parking.

All the available spaces have now been allocated, so if you haven't been awarded a permit do *not* bring your car into College. Anyone who parks their car on College premises without displaying a sticker is liable to have their car towed away.

If you have been awarded a permit, please come and collect it. Any permits not collected by December 1st will be reallocated.

Life Membership.

Any past or present student can become Life Member of the Union. This entitles you to use the facilities of the Union for the rest of your life. The fee is at present £3 if you have completed more than 3 sessions at the college, and £5 if you have not. Council has decided that these will go up to £6 and £10 respectively on November 12th. So join now while it's still cheap.

NUS Cards.

Any student at IC can obtain an NUS card on Mondays and Wednesdays between 12.45 and 1.30 from the Union Office. A valid registration card must be shown, and a passport sized photograph produced. There is no point coming into the office outside these times for your card because these are the *only* times they will be distributed. To get a B.R. pass to enable you to get ½ price travel only a registration card is needed, and you should go to the NUS travel office off the Lower Lounge of the Union Building.

BLOOD DONING

There will be a blood donating session at the College, held in the Union Concert Hall on Tuesday, Wednesday and Thursday, 12th, 13th and 14th November.

There is an appointment list on the notice board in the Junior Common Room in College Block where you may sign for the date and time at which you wish to attend.

Please make an effort to support this worthwhile cause since blood is in constant demand in our hospitals. It won't hurt you and no donated blood is wasted, so come along and spend half an hour for someone else's benefit and claim your free tea and biscuits.

Any queries about the session or about blood donating in general should be addressed to Ian McWalter, Elec. Eng. 709, int. 3100, or Weeks Hall room B4.

P.G AFFAIRS CORNER

Mike Petly

THE INABILITY of the National Union of Students to adequately represent the views of postgraduate students is magnificently manifested by the case they put forward to the 'all party' enquiry into postgraduate education. The result of their effort is reproduced below. It is paragraph 53 of the 'Third Report of the Expenditure Committee' on postgraduate education which was published last December:

'53. The N.U.S. thought that all postgraduate grants were inadequate and that the difference between studentships and bursaries were unfair, particularly in their application to arts graduates'.

Perhaps I am being unfair: perhaps Messrs. Jacks and Randall did put up an excellent case on all aspects of postgraduate education and it fell on stony ground: perhaps the moon is made of green cheese.

There were two significant conclusions reached by the Committee:

- 1) The financing of postgraduates should be by a basic grant supplemented by a loan.
- 2) Overseas postgraduates should pay, in tuition fees, the full cost of their education and training.

Both these suggestions, if implemented, would seriously effect the financial position of PG's and represents a complete reversal in the philosophy of higher education. The report seems to be shelved at the moment but if its recommendations are seriously considered in the future PG's

must ensure that they are in a much stronger position than they are now.

The problem of PG representation at Imperial College is particularly acute. The student body consists of about 40% postgraduates, and this of course means that 40% of Union funds come from PG's: so what do we get for our money? *Nothing at all it seems!* Indeed, the Union seems insidiously reticent of our very existence. There is no Union policy on PG's. The Union takes no part in negotiating demonstrating rates or working conditions - this is left to the various departmental PG groups. The biggest insult of the Union to give the Post Graduate Affairs Officer a seat on its executive. PG's represent 40% of the Union and have no effective voice in its running! A disgraceful situation.

A considerable amount of time and effort goes into organising good representation for PG's. Up to now this has been done by the Post Graduate Affairs Officer and the enthusiastic members of the various departmental groups.

Pete Canell

THE University of London-Collegiate Council's report on postgraduate demonstrating and tutoring rates (see FELIX 1st November) should be condemned as what it is - an attempt to preserve a pool of cheap academic labour with London University. The hard work and organisation that won £2 an hour in many London Colleges has been crushed on the recommendation of a CVCP Committee on which students were not represented.

Perhaps we should be grateful that the new basic rate for demonstrating (£1.50) is tied to the lower end of the Lecturers pay scale. The annual increase this provides is certainly an advance; what PGs should fight for, however, is an adequate basic rate. Unless NUS or AUT are prepared to represent PGs at a national level it appears that we must rely on local organisation. The sudden

decision to institute a Nationally recommended basic rate is surely not unconnected with the long and bitter strikes of Postgraduate students at Edinburgh and Swansea Universities in 1973/74. When PGs have demonstrated their strength at a local level what better than to institute a national rate over which they have no control!

ICPGG should defend the principle that future increments in the demonstrating rate should be tied to a basic rate of £2 per hour.

What's
going on
around
the

Country ?

KEELE

The NUS have given permission for Keele Students Union to take out a High Court Order to restrain the University from increasing rents. The Union claims that in putting up the fees for some self-contained flats from £155 to £205, the University is contravening the government freeze on rents, and should be subject to the same restrictions as any private landlord.

CAMBRIDGE

The proposed building of a new college (Robinson College) has provoked a strong reaction from Cambridge students. They regard it as an unnecessary expense which would be detrimental to the environment in the area where the college would be built and an uncertain gain for the loss of student dwellings its construction would entail. For the first time ever the Vice Chancellor has agreed to meet student representatives to discuss the matter.

EDINBURGH

Some 50 Edinburgh students have occupied a second house in the city to draw attention to the plight of students left without accommodation at the start of term. The house, which is normally used by the University for administrative offices has been empty for more than a year. An earlier occupation saw 60 students take over a house formerly used by the Principal for entertaining prominent guests to the University. The Students Representative Council claims that 250 students are without accommodation. The University authorities have refused to comment.

Relativity in Eastern Philosophy

Mike Baume

RELATIVITY THEORY has given a new insight into the fundamental phenomena of the Universe. The exact and eternal truths of Greek Philosophy with its three co-ordinate space and uniform, unidirectional flow of time have been supplanted by four dimensional space-time, curved space and statistical probability. Time has become integrated with three co-ordinate space and loses its separate identity. A new co-ordinate system, which depends on the position of the observer for its description, is produced.

The linguistic and conceptual difficulties inherent in relativity theory makes attractive the possibility that its conclusion have already been expounded in a somewhat different context by the Eastern mystics. Thus, although geometry was used to good effect in the East, it was regarded as a limitive extension of the mind. The ancient texts refer to the interpenetration

of space and time and the higher centres of consciousness with their eternal present.

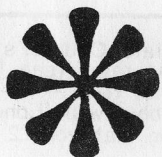
Whether or not the objective basis of relativity theory and the subjective basis of Eastern mysticism lead to the same philosophical interpretation of the Universe is difficult to ascertain on the superficial comparison available at present. A further development of this line of thought seems likely in the future.

Fritjof Capra is writing a book, 'The Tao of Physics' (to be published by Wildwood House, London in 1975), upon which his lectures were based.

WOT GRANTS CAMPAIGN?

WEEK OF ACTION, November 11th - 15th.

Take Action on:



Monday

PG's and Overseas students

Tuesday

Means Test lobby

Wednesday

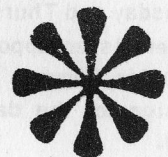
Discretionary Awards

Thursday

Married women's grant and
the spouse's contribution

Friday

NATIONAL DEMO - Coaches
from the Union Arch.



Help to BUILD the Campaign - NOW!

PRIZE CROSSWORD

No. 3

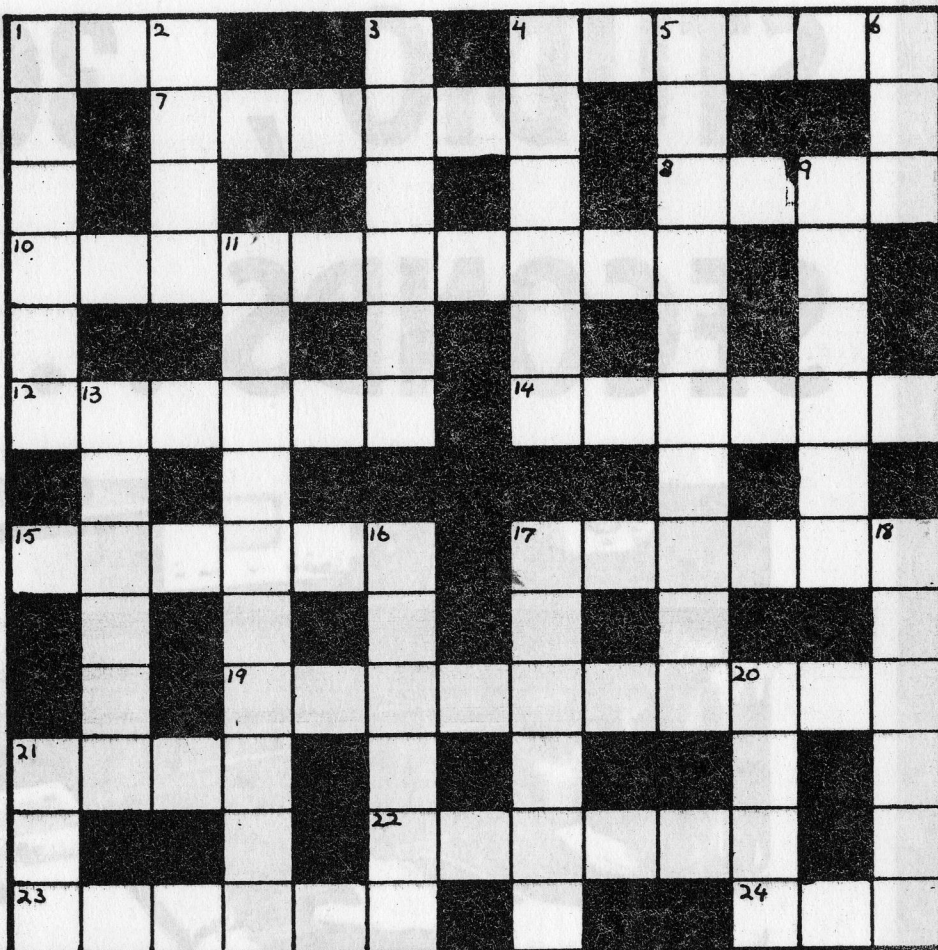
Xam

Across

1. Find the hollow one in anachronistic pennies (3)
4. Get bored after hearing essay on topical sarcasm (6)
7. Arrives with hollow burning (6)
8. Mixed teas in the Orient (4)
10. Consider backward editor free, as planned (10)
12. Call for more French in the centre (6)
14. Want the French to aggravate (6)
15. Post Office changes dole order for the dog (6)
17. You end mixed loan to five hundred in dump (6)
19. Find the Scot, and not the Navy queen! (10)
21. Last letter before the seventh is the sixth (4)
22. Touch mind vessel (6)
23. Snoops, or used to, initially peering right into every town house (6)
24. Fish can't start to feel (3)

Down

1. Scribble: search for Eldorado starting up after the party (6)
2. Bucket one hears is white (4)
3. When in river, allowed to cross out (6)
4. State of tension in southern railway (6)
5. Lumberjack sounds a man of oak (4,6)
6. Take in, in three attempts (3)
9. Circularly, the Spanish last star is a girl (6)
11. Being excessive in gold, noise consumed (10)
13. Simpleton, old one changed (6)
16. Quarters scripture before church, to improve concentration (6)
17. As directors, we object to her opening store (6)
18. Girl, after the cane, back at the back (6)
20. Leader has the answer it is heard (4)
21. Fastener speed (3)



£1 Winner will be drawn from the Editor's Hat on at Noon next Wednesday. The Editor's decision will be final.

Answers to last week's Crossword.

Across

1. Bailiff 5. Fleeced 9. Unhuman
10. Rabid 12. Last dance
13. Detracted 15. Cedex 16. Tithe
18. Mediating 21. Scots peer.
24. Seena 25. Rubella 26. Rye stem
27. Glencoe 28. Resists

Down

1. Blurred 2. Inhabit 3. Immediate
4. Final 5. Five sided 6. Erred
7. Chinned 8. Dinners
14. Temperate 15. Crassness
16. Testing 17. Touble 19. Ignites
20. Grammes 22. Salic 23. Rarer

Last week's winner is E.C. Stovell of Mech. Eng. 2 who receives the accumulated prize of £2.

**!TONITE!
AEROSOC
invite YOU to
a PARTY**

**Quiet Room College Block
7.30 - Late
Admission 50p**

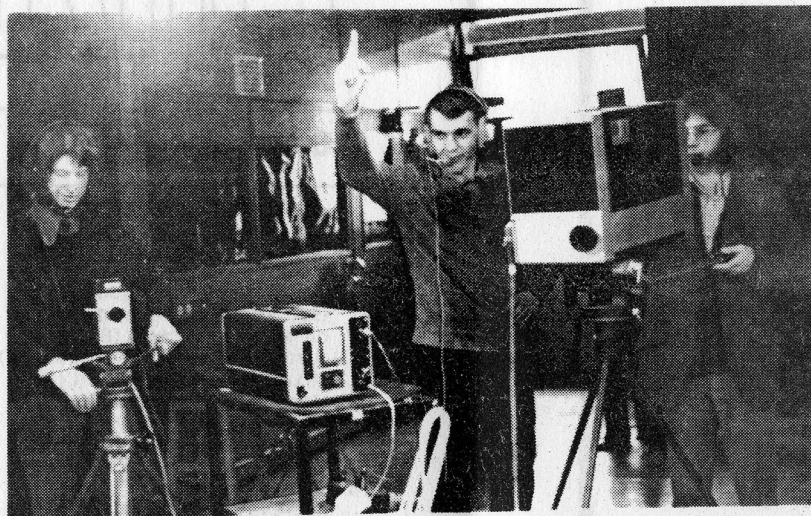
***FREE* Drink
Food
Disco**

**NOV. 5th - BUT THIS IS NOT A BANGER
VELOX '64 3.3 litre car in good condition;
Superb runner and comfortable six-seater;
93,000 miles; regularly maintained; good
tyres; MOT to Oct '75; taxed to Jan '75.**

£70 o.n.o. Apply Felix Print Room.

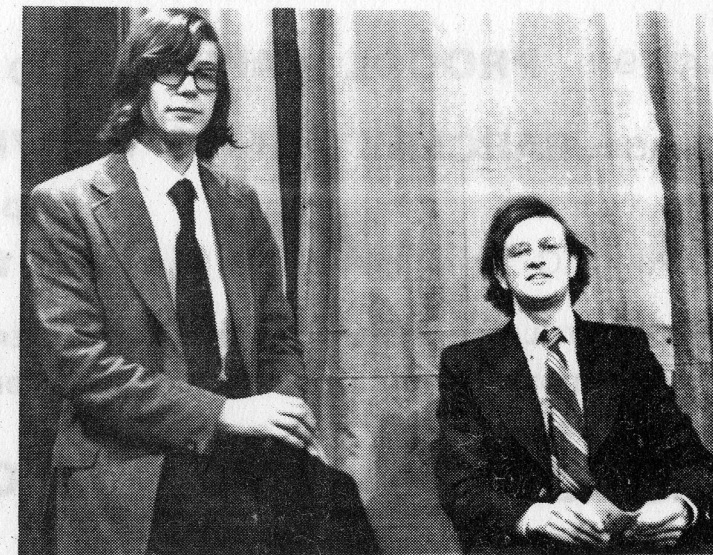
**R.G.C. MEETING
THURSDAY 14th NOV. 8p.m.
IN THE UNION S.C.R.**

STANDBY STUDIO, 30 SECONDS...



A tense moment in the studios as floor manager Paul Jarvis starts the count down.

STOIC



Chairman present, Mark Caldwell (left) and chairman past, Kelly Wingfield Sigby (right).



LEFT: YOU ARE WATCHIN STOIC... Colin Grimshaw at the continuity desk.



RIGHT: Programme in progress Bill Lovell behind the scenes.

BELOW: Interview in progress. Desmond King presides.



STOIC (Student Television of Imperial College) makes and transmits programmes to the JCR College Block, the Lower lounge Southside and the TV lounge in the Union Building. STOIC is also responsible for the maintenance of these sets.

Programmes are made, and transmitted from the TV studio in the Electrical Engineering Dept. We hire the studio and the equipment is operated by STOIC members.

What is involved in the making of a TV programme? The person who initiates a programme is the producer. He, or she, is responsible for everything to do with the programme except the studio production, i.e. contacting people who are going to participate in the programme, booking the studio, assembling a studio crew and finding a director. The latter is in charge of the making of the programme in the studio. During the recording of a programme he decides which and what camera shots are to be used and when, and for example whether music is needed or not. He also decides when the pro-

gramme is to finish. For our main news programme, 'TOPIC', production meetings are held in our office in the Union building at lunchtimes on Mondays and Wednesdays. During these meetings ideas are thrashed out for inclusion in the next edition.

If you have any news which you think warrants coverage please ring Int. 2853 during the above times. To cover outside events we have our own portable camera and videorecorder.

At the time of writing the Union colour set is not in use. The reasons for this are twofold. Firstly, the set has been plagued by faults and is due to be repaired shortly. Secondly, the relocation of the Union Executive Office at the beginning of term into what was the TV lounge has necessitated the moving of the TV set and its bracket. The latter has yet to be moved. However, both STOIC cables and the down lead from the aerial are in position and hopefully it will not be long before the set is installed and working.

Last term STOIC transmitted to TV

sets in the Southside Halls of Residence. However, the picture quality was so bad that it was decided to abandon this scheme rather than rendering a picture that was unintelligible to the viewer. Naturally, we are not a full time professional organization and hence we are simply unable to produce programmes comparable in quality, technically, artistically or presentationwise, to those of the BBC or ITV. However we do try!

We welcome constructive criticism on any aspect of our programmes, a note in Union letter rack will suffice.

We are constantly searching for ideas for programmes, that is programmes that you will want to watch. If you have a practical suggestion please contact us. Also if you are the organizer of any event and would like to publicise on STOIC, you have only to reach for the nearest internal phone.

Finally, if you would like to join STOIC come to the STOIC Union office on Mondays, Wednesdays or Fridays lunchtimes.

STOIC PROGRAMMES

Tues. Nov. 12th. 1.00p.m.

CONTACT
takes a look at the
Gliding Club.

Thurs. Nov. 14th. 1.00p.m.

STARTING POINT
on the subject of
University Finance.

These programmes can
be seen in the JCR
at the appropriate time
and date.

EVENTS CONCERTS



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

SAT 16th **BARCLAY JAMES HARVEST**

80p i.c. 90p adv 1.00 door

SAT 7th DEC **THE SWEET** ic adv 140pennies

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 14 **tora! tora!**

fairport convention

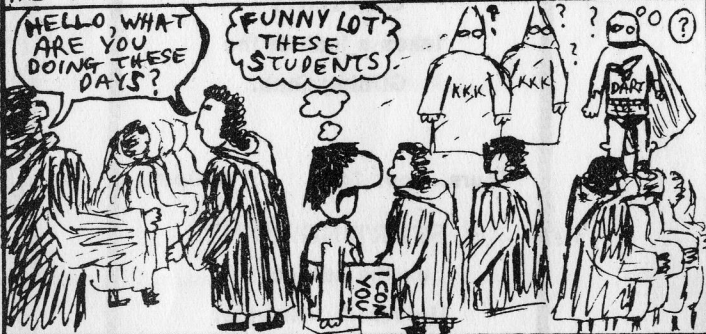
THUR 21 **performance**

steelyard blues

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

Stanley --- "A STUDENT OF TODAY" --- CREATED BY RON APPLEBY

WITHOUT REALISING ITS COMMEM. DAY, AND SO EVERYONE HAS GONE HOME IN THE AFTER-NOON, STAN PASSES THE ALBERT HALL ON HIS WAY TO BRISTOL(S) FOR A WEEK OFF...



STAN FINDS TIME FOR A BRIEF VISIT TO A RECENT I.C. U.G.M.



LATER THAT WEEK IN THE SAME HALL...



THIS WEEK WE LEAVE STANLEY WORKING IN THE LYON PLAYFAIR LIBRARY... WELL HE IS STILL A FRESHER, YOU KNOW...



STAN RETURNS NEXT WEEK WITH MORE PORDY CORNY CRACKS...

TOUCHSTONE

The Influence of Politics on Technology

Speaker: Paul Johnson

Paul Ekpenyong

THE FIRST Touchstone weekend took place last weekend at Silwood Park. We left IC on Saturday afternoon by coach at approximately 2.20p.m. from Beit Archway and arrived at Silwood about 3.30p.m. We then deposited our overnight bags in the huts where we were to sleep and proceeded to tea.

This was followed by the lecture given by Mr Paul Johnson, ex-editor of *The New Statesman* (he now devotes most of his time to writing and is the author of *The Offshore Islanders*, *Journey into Chaos*, etc) on 'The Influence of Politics on Technology'. This lasted for an hour and was essentially an historical outline of instances where political motive was the instigator of technological advancement, whereupon an insurgent discussion followed. We adjourned for sherry and then savoured the appetising Silwood cuisine.

The participants then divided into three groups to discuss five questions posed by Paul Johnson, viz:

- 1) Should Government try to influence the development of technology?
- 2) If so, what is the best way?
- 3) Is technology likely to flourish more successfully in a democratic or a non-democratic society?
- 4) Should Government be more preoccupied with theoretical science, advanced technology or intermediate technology?
- 5) What role should scientists and technologists play in Government?

A general consensus of opinion within each group was appropriated to be presented at full session the following day. A piss-up (on one pint!?) then followed.

We staggered out of bed in an intellectual stupor and gropped our way to the dining hall for breakfast. Those of us who could brave the stormy weather went out for a walk, while the sensible people followed such intellectual pastimes as snooker, bridge and darts.

Everyone paid a visit to 'The Canon Inn' prior to lunch. A final meeting of all those attending was held, whence the scribes from each sub-group presented their reports. Mr. Johnson then summed up on all the reports with more questions from the floor and thus ending an intellectually stimulating and enjoyable weekend.

The following five replies

represents fairly the outcome of the debate on the questions set:

- 1) *The Government should influence the development of technology in one way or another.*
- 2) *The Government should allocate funds for theoretical science research and leave the choice of field of research to the scientists concerned. The accent now should be on advanced technology for this country. For the third world countries intermediate technology should be given priority. It is also noted that this field of research has to date received little attention and is under estimated.*
- 3) *The speaker failed to agree that there was no distinction between democratic and non-democratic governments in the way research is followed through. The general feeling amongst the group being that efficiency was more likely in a non-democratic state since whatever project they were likely to research into would be bulldozed through in no uncertain manner.*
- 4) *The choice of the field of investigation is up to individual governments which is limited by the amount of capital they possess.*
- 5) *The group felt that scientists and technologists should have only a consultative role in government. The speaker thought that there was a strong case for representation of scientists and technologists in the cabinet. They should be more involved in the decision making process, i.e. be in an executive position. But, he noted the fact that scientists and technologists in general were not interested in politics, and tend to leave all decision making to politicians. They tended to behave like the forces, in the way that they contract out of politics. They are out of touch with the political situation in general. The speaker conceded that any scientist who entered politics and in so doing relinquished his scientific research could no longer be classed as a scientist.*

RIFLE CLUB

IF YOU happen to be one of the rare breed known as female: why haven't you joined the IC Rifle Club Ladies team? No previous experience is necessary, personal tuition from the committee member of your choice (every one a perfect gentleman!), subsidised ammunition and free trial membership.

What more could you ask? If you are interested, and want to have a go, appear at the range (in the Sports Centre) any lunchtime or Wednesday afternoons, or see me in Linstead 327.

Simon Hellyer.
(Captain).

P.S. If you happen to be a male of the species, accost the nearest of the opposite sex and bring her to the range. You could even have a go yourself.

I.C. Sunday Sessions

Lower Union Lounge
8.30 FREE

10th Nov. SCYLLA (rock)
17th Nov. John Walters
Landscape
(jazz/rock)

I.C. Polish Society

An informal meeting
will be held on
Wednesday 13th Nov.,
in Falmouth 256,
starting at 1p.m.
Members and interested
non-members are invited.

Do You Do TM?

If you do and you haven't been in touch with
TMsoc, phone internal 3648 and ask for Keith,
you will hear something to your advantage!

TMsoc Programme for Nov. 8th-15th.

Every weekday: group meds in Elec. Eng. 606
at 5.40p.m.
Tuesday 12th: INTRODUCTORY TALK in
Elec. Eng. 606 at 7p.m. for
anyone interested in
starting TM.

FELIX

requires a

Technical Manager

Little or no experience required.
Learn about the mysteries of
offset-lithography and carve your
name on the new FELIX Staff
Presentation pot. The majority
of the work is done every
Thursday (Production Day).

Contact the Editor or ring Int. 2881.

FORUM

Sean Barker

Watney's is better than Tartan.

'Watney's is better than Tartan. I know what I like, and that's good enough for me'. Anyone saying this in the Union would be told he was a fool, a' trog or a xxxx. But a similar remark about, say, modern art, would hardly raise a murmur. I am not here to defend modern art, but more to attack the anti-intellectualism that allows such remarks to pass unchallenged.

A few years ago I subscribed to the 'I know what I like' view, but I decided to find out why the 'classics' have been so highly rated for so long. I found the Iliad boring because over eight hundred pages were just description of slaughter. But most of the others I read from Xenophon to Koesler, were surprisingly interesting. This may be because the author was not trying to set a million paperbacks, and so not restricted to boring plots, lifeless styles and utterly predictable endings. After this brief exposure to 'literature', I began to find S.F. boring and badly written, so I tried to analyse why. As a result I can begin to see what a book is really about, and how and why it was written.

I wandered through the halls of a few art galleries to see if I could make sense of modern art. Some were self-explanatory the rest were incomprehensible. Last year I went round part of the RCA exhibitions, and, with the help of one of the students, and the drawings and photos of some others, I began to see what they were trying to say.

A friend from the RCM was talking about 'Mahler expressing his spirituality through his music', but he knew what he was talking about, and it wasn't rubbish. Now, when I see send ups of people who 'try to express the inner meaning', I realise that these are only funny because the writer of the send up does not know what he is talking about. Recently people have been telling me that I am an intellectual. I protest that I only read the books for fun, but they say that that is what being an intellectual means. I must admit that people who say 'You don't have to know what it means if you like it' annoy me. My mate John did. He has started reading Aldous Huxley for 'fun'. I'm told it takes several pints to acquire a taste for Guinness.

DOMINE, DIRIGE NOS

God perceives our thoughts and leads us
To a thinking silence where
Word is given work awaits us
Through the love revealed by prayer.

Then at awkward times He calls us
With an urgent, muted sigh;
Tells us where a task awaits us;
Even gives us faith to try.

So it seems that mystic instincts
Make us take some strange and odd
Paths that lead to troubled precincts
Where there's hidden work for God.

© N. Racine-Jaques, 1974.

The South East Asia Society of Imperial College,
presents:-

The Sitarist S.L. Bhandari accompanied by
R.S. Plaha (Tabla) at 7.00p.m. on Tuesday
19th November, 1974, at the Great Hall.

Tickets available from any committee member or
S. Gunasingham in the Botany Common Room between
1.00 - 1.30 p.m. Price: 30p only.

PHOENIX

ARTS MAG

of
Imperial
College

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to

the 'Phoenix'

c/o I.C. UNION OFFICE



ESCAPE FROM RSMU ZOO

On a cold, grey Saturday morning with the skies forboding rain six 'wild' animals escaped from a zoo in Prince Consort Road, London SW7, commonly known by the name of the RSMU office. These animals which included a wolf, a bear, a lion, an ape, and a teddybear, a really ferocious and enormous creature at that, descended upon the good citizens of Chelsea and South Kensington. The poor victims were harassed, savaged, made to crumble in paralytic laughter and usually parted with some of their loose change as a result.

This money was then quite quickly and greedily gobbled up by the little red cans with a white printed label around their middle that were being carried by the keepers of these animals. In some cases even by the animals themselves. All credit for these incredible feats must go to the teaching of the Royal School of Mines.

Four of these creatures, the lion, wolf, ape and teddybear proceeded down Exhibition Road making grotesque noises and generally cavorting along the pavement. Stupefied and frightened tourists either donated to the causes with trembling fingers and a smile or made off in the opposite direction as fast as their feet could carry them. The children on the other hand tried to keep abreast of their paroxysms of laughter and looked on in a rather condescending manner, before extracting some loot from mum or dad to put into the red cans.

Thus progress continued along Sydney Street, then to Kings Road (in the direction of Sloane Square), down Sloane Street (a very good hunting ground for the ape) then up Old Brompton Road (the offerings to be had here were rather exiguous) and back up along Exhibition Road and then finally back to the RSMU office.

This circus parade netted the RSMU approximately £220 towards their rag collection. Their total to date stands at £707.

Paul Ekpenyong



Another Mines Animal Rag Stunt

Photographs by

Denis Alanach





RECORDS

Jack Llewellyn

Kayak: Kayak (Harvest, EMI).

THIS IS the British debut album of the Dutch-based group, *Kayak*. They have achieved what can best be described as 'a professional sound' and it is easy to understand why they have such a large following in their own country. The music they produce is in no way due to any gimmicky instruments; the only out-of-the-ordinary equipment they resort to are mellotrons and an accordion.

The first track of side 1, '*Alibi*', is typical of the whole album. It is fast and rhythmically well-adjusted. The principal vocalist has a voice very similar to that of Jon Anderson who is part of Yes, but this does not detract from the essential quality of the song.

The last two tracks of this side, '*Mountain Too Rough*' and '*They Get To Know Me*', seemed etched with that essential emotional ingredient, nostalgia. Both are damn good listening.

Flipping the record leads are to the inevitable conclusion that there are definite similarities between *Kayak* and Yes. '*Woe and Alas*' sounds as though it could have been cribbed from Jon Anderson's sketchbook, though the lyrics are appropriately less pretentious.

As in so many albums they leave the best track till last '*His Master's Noise*' (apparently dedicated to their Roadie) although less than two minutes long, has a tranquil lull to it which transcends the normal sort of corn. It sets the seal on a fine album.

Tangerine Dream: Atem (Polydor).

WEIRD MAN, real weird. Echoing pulsations, rhythms, electronic feedback and reverberations reminiscent of early *Pink Floyd* go to make up this Berlin 'rock', (however, for this album that epithet seems a trifle invalid) band's third album, though it is the first to be released in this country. This record represents a stunning innovation in sound, abounding with atonal clusters which gently cascade and scatter in a myriad of notes. There are no words to latch onto and few definite musical lines to follow, but the resulting effect still manages to retain a coherence of mood.

Side 1 is the title track *Atem (Breath)*, which is a heavily rhythmic aggregate of electronic guitars, synthesizers, mellotrons and percussion. After building up to a noisy climax, the music folds into a serenity of drifting sounds. The effect takes a little getting used to, but is well worth the effort.

Side 2 kicks off with *Fauni-Gena* and the connection with nature and living things is clear. Slow, fragmented melodies drift over a staccato texture which sounds like the incessant chattering of birds and associated creatures in an Amazonian rainforest.

The final track of Side 2 *Watin* is an amazing mixture displaying all the possible textures available from a human throat. Zaps, groans, grunts and screams are moulded into a kind of primeval music. The track develops in a percussive

sounding board which defies description.

This unusual album definitely caters for those people for whom music can conjure up strong images. A significant album indeed.

Triumvirat: Illusions on a Double Dimple (Harvest, EMI).

BASED IN Germany, *Triumvirat* are clearly going to go a long way if they continue to produce albums of the same quality as '*Illusions on a Double Dimple*'.

Their style is in many ways similar to the *Emerson, Lake and Palmer* of three years ago – imaginative, classically oriented and melodically eloquent. The comparison does not stop there – for just as Keith Emerson is the keyboard virtuoso and guiding spirit of *ELP*, so Jurgen Fritz performs the same duties for *Triumvirat*. There is not one track which could in any way be described there to fill the gap.

It is consequently extremely difficult to single out one particular section (the music is played continuously), but I think '*Illusions*' has a certain edge on the rest with its resonant grand piano, echoing percussion, a full orchestra thrown in and a Moog reminiscent of *ELP*'s classic first album.

The second side, '*Mister Ten Percent*' is just as good, with a phenomenal piano solo early on that will have you groaning with appreciation. Don't just sit there, get it!

Andrew Osborne

Wet Willie: Keep on Smilin' (Capricorn).

DOES YOUR local council recycle waste plastic? Ours doesn't so it is with some degree of guilt that I consider the battered and forlorn disc, lying in the Winfield superette waste paper bin, in the corner, and reflect on the current resources crisis.

The record is *Keep on Smilin'* by *Wet Willie*. It contains soul music of no great originality, and this is precisely my complaint about that whole genre: it's all the same. Even though this group uses somewhat non-typical instrumentation, such as electric trombone, the sound they produce is remarkably typical. Now, I've often been told '*Yous white folks, you ain't got no soul*' and then assured that '*white music*' lacks some sensuality supposedly associated with soul music. Maybe, but *Wet Willie* are a white band and their sleeve notes and their lyrics indicate that they believe

they do have soul. I'm not qualified to judge.

Hailing from Macon, Georgia, they sing; predictably about their home town, the countryside, fishing, banjos and playing crap. The first track, '*Country Side of Life*', is funky, features electric trombone and becomes boring after the first verse. The second track is the title track, their big hit single (so you've probably heard it) and is nearly indistinguishable from the first track. '*Trust in the Lord*' is, as the name suggests, Jesus jive and differs from the first two tracks only in its faster tempo. Next comes '*Soul Sister*' which can only be described as monotonous. Then, just as you're about to lose your temper, up comes '*Alabama*', a ballad and a pleasant change from the rest.

Thus it was with some hope that I played the second side. You've guessed the result. The first track is bad. The second track is the same as the first. The third track is the same as the second. The fourth track is the same as the third.

The fifth track..... I never heard the fifth track because as the fourth ended I finally cracked and, rushing across the room to the Sounderama portable hi-fi with detachable speakers, I seized the record and flung it to the waste bin. I wouldn't buy this record.

Up Country (BBC Records).

HOWDY pardner. Here's some sounds from the mountains and prairies, way down south in Shephard's Bush. Some real cotton picken', foot tappin', hoot n' nanny music. Strange then, that all the bands are English – The Roger James Group, Lorne Gibson Trio, Redwood and The Down Country Boys. Yah hoo! It's finger pickin' good. Anyone considering buying this album would certainly be put off by the thirty five year old hag, dressed up as a cowboy, leering out of the cover.

If you asked my opinion, I'd say '*Up Country*'.

SOCCER CLUB

Following the recent successes over UC and St. Edmund Hall, IC 1st XI last Wednesday travelled to North London to play Royal Free Hospital in a London University League Match. In a game that never saw our team in difficulty, the lads eventually managed to put away 6 goals without reply. K.Senkin was the outstanding figure in the IC side with his herculean efforts up front being rewarded by him scoring a fine hat-trick. On the same day the Seconds played the Thirds in the League and this 'derby' lived up to its expectations in every aspect. The Third team, true to form, out played their seniors on the day and triumphed by the odd goal in five so making it three wins out of their last four matches with the Seconds.

The game itself started briskly and evenly with neither side really being allowed to settle down. An early mistake by A.Roberts gave the Thirds the lead they wanted and with the Second's defence still recovering from the shock of being one behind the Thirds ran in another. The mercurial Steve Gee, always looking dangerous up front, pulled back two goals from the Second team making it 2 each at half time. The second half saw a grim struggle between the Second team forwards and the Third team defence, but the gallant play by centrebacks Hunter and T.Jones proved too much even for the skill and enterprise of M.Clark and T.Lindon who combined well. J.Pedley added the finishing touches by heading a splendid last minute goal.

On Saturday the 1st XI gained their fourth successive victory when they defeated QEC by the convincing margin of 4 goals to 1. Andy Baker had a good game in midfield and the uncompromising play of our back four gave QEC forwards little joy. This game, however, will surely be remembered by the two memorable goals scored by Glen Swaby, both outstanding individual efforts.

The Second's scored an impressive victory over LSE Seconds, 3-1, while the Thirds again making use of a last minute goal drew 3-3 with QEC II's. J.Ponton, A.Goody and fitness fanatic J.Hargreaves scored the goals for the Third's. The Fifth's were the only club side to lose on that day, going down 2-0 against Royal Holloway Seconds.

One final note, we are desperately short of GOAL-KEEPERS and REFEREES. Referees are paid £1.75 or £1.25 depending on qualification with free tea and transport. Anyone interested in either of these should contact S.Bates, Maths III via letter rack or J.Thornback, Chem. PG.

RUGBY

Bruce Bradley

IC took the scenic route North to Bedford on Saturday 2nd November to play an extremely strong Bedford Wanderers team. The attitude of the players was one of some resolve but a distinct feeling of awe and lack of confidence could be felt.

The match was very slow in gaining impetus and it was some ten minutes before the first real encounters began by which time the score was 3 points all. Finney had converted an excellent penalty goal from wide out. During this first half Bedford were playing down the slope and this was a definite help to them in sustaining territorial advantage. At this stage Bedford were slightly on top, and from two set moves tries were scored by them near the IC posts. Both moves involved an inside thrust the first after a scissors and on both occasions the IC defence was caught flat-footed.

During this half the IC forwards were growing in confidence and eventually realised that with a bit more work they would gain the upper hand. Lipscombe at the front of the lineout showed controlled aggression and won much of the ball thrown to this position.

At the middle of the lineout Booth was under much pressure as Bedford had a lineout jumper at both the fourth and fifth positions. Much can be said for his efforts though as he consistently won his own ball and Bedford eventually resorted to throwing to the front where Lipscombe in turn was dominating.

The scrummage was also dominated by IC with Hart and Bradley proving strong scrummagers and hard workers and Austin at hooker easily winning his own ball and getting some against the herd.

Several scoring chances had been unluckily squandered by IC during this first half and it was a travesty of justice when half time arrived with the score at 15-3.

The second half was one to break the heart of any IC supporter. The forward dominance was completed with IC coming out on top in every phase. The forward rush was well exploited and Sergot completed several thrusting runs up the centre of the pitch. Several promising three-quarter movements broke down at the vital stage but this did not stop Williams on the right-wing having an outstanding second half. In fact it was Bedford who scored all the points from a goal, a try and a penalty goal. The final score was 28-3.

The match did much to establish confidence in the IC side and as soon as a defensive system can be worked out this IC side will indeed be a team to be reckoned with. Every member is looking expectantly towards next Saturday when we entertain Harlequins 'A' at Harlington.

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

HOCKEY

Putting aside our disappointing result of the previous Saturday, IC turned on a scintillating display of hockey skills last Wednesday. Our unlucky opponents were the firey City University side. Straight from the bully off IC attacked with great skill and totally overwhelmed City. Goals were bound to come and soon the rout was started. Despite some brilliant goalkeeping, IC found themselves 4-0 ahead at half time, thanks to goals from Bob Middleton (2), Dave 'Scorcher' Lord and Trevor 'Superstar' Tutu. Unfortunately, IC slackened off in the second half and allowed City to come back into the game. The IC defence proved at times to be fragile and defensive errors allowed City to score twice. At this stage the match was very evenly balanced, but a

brilliant goal by Jeh 'Sleepy' Bashar allowed IC to regain some of the initiative and although City scored again, IC ran out easy 5-3 winners.

Team: Roger Hutson, Jim Marshall, Richard Cameron, Chris Hodge, Tim Hanson (Capt.), Keith Arrowsmith, Dave Lord, Bob Middleton, Trevor Tutu, John Andrews, Jeh Bashar.

IC V UC

IC undertook their first epic of the season against UC at Harlington on Wednesday 30th, October. With any luck it could be the last as fate has been kind and not pitched us together in the Gutteridge Cup this year. We can also only hope that the groundsman at Shenley will continue with his present attitude to our glorious club.

The match followed the familiar-pattern of the last ten (at least) encounters. Complete forward domination by IC was met by the ultimate UC answer-spoiling. They have bred the best spoilers imaginable with forwards blatantly off side in ruck and maul and backs constantly infringing the

various off side lines.

IC started with a bang from a Finney penalty and a brilliant individual try by Bradley which was goaled by Finney. But from then until the end, IC were continually fouled up by the UC defence, the match being too close for comfort points-wise for most of the game. Finney struck another penalty and Cresswell scored an unconverted try during the dying minutes. The final score was 16-3.

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

SCIENTIFIC INSTRUMENTS.

The College Archivist, Mrs. Pingree, would like to hold an exhibition of old scientific instruments next term. If you have anything vaguely covered under this title Mrs. Pingree will be very glad to have you get in touch. Should you wish to donate any to the archives they will be well looked after and kept for posterity instead of mouldering in unused cupboards.

Int. 3041 College Archives.

FELIX SPORT

RUGBY CLUB

The rather improved health of the International XV took a turn for the worse last Saturday. With its engine only running on thirteen cylinders and only the forwards playing in their correct positions, the seemingly impossible happened, when they lost to an Old Cooperians team. The forwards, by their own confessions, possessed the unfittest front five ever fielded, but despite this they gave their all and on practically every occasion, pushed the opposition clean off the ball in the tight scrums. In this department full credit must be given to the 'mature' second row of Andy Clapham and (Dv.) Ken Weale, along with the fine efforts of Ryan Beddoes as pack leader.

The IC team took to the field after an hour (or more) long coach journey and we certainly were, by no means, 'wamed-up'. During this period Cooperians scored two tries. Or at least the ref. thought they were tries, but then he didn't know enough rules to know any better. Thus at half time we were trailing 8-0, but were looking forward to playing down the slope in the second half.

The second half saw IC firmly embedded in the Old Cooperians half. In fact, so much ball was won from scrum and line-out, that IC should have scored many tries. In one such situation, a line cut only one yard short of their

line was won by IC, and Ryan and Andy drove over for a try which was disallowed by the referee, despite being a perfectly good try.

'The A's never lose - spirit' is the phrase of the moment, and certainly they didn't. From a penalty attempt close in, Rob Jones hit the post, and by quick passing, Jon Pitcher scored in the corner, Rob Jones failed to convert.

The last few minutes were now upon us and this period, although not producing any further score, saw much determined effort from the IC team. In this category Ned must deserve a special mention for his covering and attack-

ing flair. All in all IC were unlucky to lose to this team, but despite this we all had a good time afterwards with Ryan leading the choir in the bar. The irony of the occasion was that the Extras had no opposition turn up, and we firmly believe that with fifteen men we could have won.

Anyway next Saturday we have arranged a game with Belsize Park and all those who played last week will get a game, so please turn up on Saturday, lads.

Team: A.Davies; J.Pitcher, Ned, S.Dobson, J.Marklew, R.Neal, R.Jones; C.Cuthbertson, Fred, R.Beddoes, K.Weale, A.Clapham, R.Sutton.

HOCKEY CLUB

6-a-side

This annual event took place at Motspur Park last Sunday. There were five teams entered from Imperial - two from ICHC and one from each of the constituent colleges. Despite the inclement weather, representatives of four of the sides (RSM didn't turn up so RES played their matches) arrived at the appointed hour, to meet up with their first shock - the water hockey was on with swimming trunks and flippers provided. Eventually enough players arrived for the tournament to start. The constituent college teams were all knocked out in the first round league matches. IC (I) comfortably won their league defeating Kings (I) by 2-1 with goals by Dave Lord and Bob Middleton; RSM by 1-0 the scorer being Trevor Clarke; and drawing 0-0 with Royal Halloway. IC (II) had more trouble. After losing their first match against UC (II) by 0-1 they turned on a devastating display to beat Royal Dental Hospital 2-0 with goals by Chris Hodge and a Trevor Clarke penalty (Yes, the masochist did play for both sides). Thus, we qualified on goal average. Thanks to the luck of the draw IC (I) had to play IC (II) in the quarter finals (fix shouted the crowd). Bob Middleton soon put IC (I) ahead

but Jeh Bashar equalised from the penalty spot just before half time. The second half was scoreless resulting in IC (II) going through on short corners. In the semi-finals, Barts (I) proved too strong. They scored an early goal and despite exerting heavy pressure IC could not equalise. Barts ran out 2-0 winners by converting a penalty in the second half.

Everyone appeared to enjoy themselves despite the weather and special thanks must go to Jim Marshall, Richard Cameron, Dave Balderson, Keith Arrowsmith, Ian Read and John Andrews for their umpiring

Teams: IC(I) - Jim Marshall, Keith Arrowsmith (Capt.), Trevor Clarke, Dave Lord, Bob Middleton, Trevor Tutu.

IC(II) - Roger Hutson, Richard Cameron, Trevor Clarke/Ken Rawlings, Chris Hodge, Jeh Bashar, John Andrews (Capt.).

Who was the b.....d who asked a poor defenceless fresher to guard the valuables box and then left him to stand out in a violent hailstorm whilst he stayed in the dry along with the rest of the team. That is what is called devotion to duty.

IC v POTTERS BAR

Without ever quite reaching the heights of last Wednesday's first half display IC comfortably won this important league match last Saturday. This was a better overall team performance with good displays from everyone in the side. Once again IC provided the early pressure and soon opened their account with a good goal from Bob Middleton. playing steadily IC scored three more times before half time through John (O.A.P.) Andrews, Trevor (Superstar) Tutu and Dave Lord, the last one of these being a glorious

shot into the roof of the net following a long corner. IC maintained the pressure after half time but did not get the luck (or the umpiring decisions). Bob Middleton added another goal midway through the half to ensure that IC ran out easy 5-0 winners.

Team: Roger Hutson, Jim Marshall, Richard Cameron, Trevor Clarke, Tim Hanson (Capt.), Keith Arrowsmith, Dave Lord, Trevor Tutu, Bob Middleton, Jeh Bashar, John Andrews.
Ump: Chris Hodge.

STOP PRESS

Institut Francais mascot stolen, allegedly by RSMU. 'Alexandre' is a Teddy Bear. A note supplying a clue to its recovery started 'Bared? at a loss?'. I.F.U. President Katie McKinnon: "I think it's all rather funny".