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NEWSPAPER OF IMPERIAL COLLEGE UNION

FREE!

Felix

NO. 381

FRIDAY, 7TH MARCH, 1975

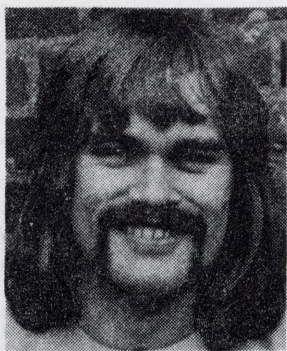
RCSU Results

LAST THURSDAY Ron Kill decided to withdraw from the RCSU presidential elections so at Tuesday's results meeting Steve Brightman was declared elected.

In the count of votes cast in the Hon. Sec. election, no candidate had reached quota after all the votes were transferred. The electoral reform society was contacted. Meanwhile the RCSU meeting agreed to be bound by the society's decision. The society declared the candidate who remained after all votes had been transferred should be elected. Nick Roe thus became Hon. Sec. of RCSU for session 1975/76.

Similarly the meeting had to ratify the election of Hon. Junior Treasurer in which the quorum was not reached. The election was duly ratified. Chris Morell was elected, defeating D. Rawnsely by 210 to 88.

John White, and John Holding had previously been elected unopposed as Vice-President and Academic Affairs Officer respectively.



Steve Brightman

VOTE today and next Monday for the post of IC Union Deputy President. Ballot boxes will be in the JCR, Union and Southside. Do not forget your registration card.

FOR THE UNION'S SAKE VOTE!

ICU ELECTION RESULTS

SEE PAGE 6 FOR DETAILS

C&GU Hustings

AMID A flurry of computer cards, the candidates for the C&GU Executive 1975/76 were duly husted in Mech.Eng. 220 last Tuesday lunchtime.

The meeting was typically boisterous with the candidates getting the worst of it. The question and answer session between the candidates and the meeting featured the usual topics of student apathy, promoting the Union etc.

The candidates are: For PRESIDENT: K.Ahlers, T. Fisher; VICE-PRESIDENT: D.Lord, C.Waldron; Hon.Sec. Ms J Ford, T.Pickles, Ms A. Pickard; Hon.Jun.Treasurer: M.Hughes, P.Lynch, R.Doyle; Ents.Officer: D.Crook; O.C.'s Rep: S.Hoyle; A.A.O. J. Elkin, M.Johnson.

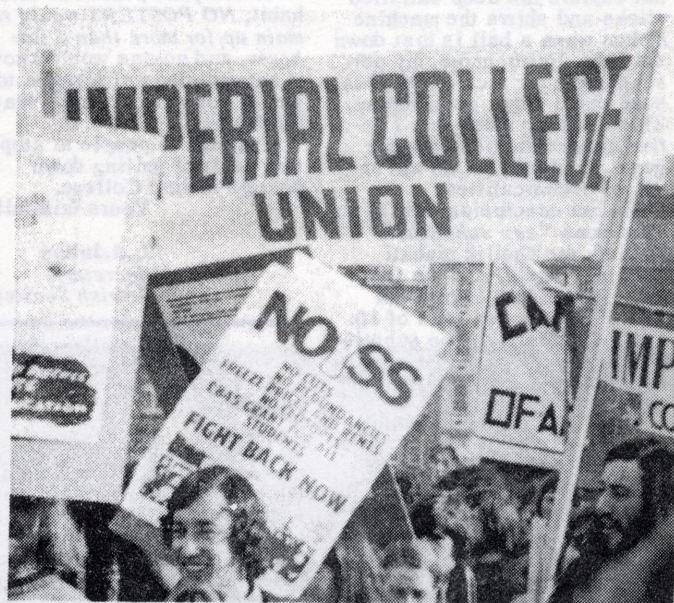
The elections will be held on March 13th.

New Dean for RCS

PROFESSOR R.K.S. WOOD PhD, ARCS, DIC, F.I.Biol. has been elected to the office of Dean of the Royal College of Science, for the next three years and will take office as from 1st September 1975.

Professor P.T. Mathews who has been Dean for the past three years will retire from the above date.

DEMO



Dramsoc Success

Dramsoc's Christmas production of "Albert's Bridge" has been selected, from a large field, for inclusion in the Sunday Times National Student Drama Festival. The festival runs from the 6th to the 12th of April at a number of West End theatres. It is thought that "Albert's Bridge" will be performed at the Collegiate Theatre on Wednesday 9th April. Tom Stoppard (the author) will be present to watch.

THE DEMONSTRATION called by the National Union of Students as part of the campaign for fairer grants took place last Friday. Between twelve and fifteen thousand (estimates vary) students took part in a march from Belvedere Road to Hyde Park to hear John Randall, the President of the NUS, attack the government's proposed cuts in expenditure on education.

The turn-out from IC was higher than the previous occasion (sixty students as compared to forty last time). The ICU President was said to be "disappointed" at the turn-out.

EDITORIAL

Michael Williams

THE PAST week or so has seen the annual indulgent spectacle of Union elections. Noticeboards, walls, windows, doors - anything in fact, that will hold a drawing pin or sellotape - have all been defiled by a multitude of posters and bumph, each and everyone screaming out for attention. Bold words have been spoken, promises have been made. The old chestnut of student apathy and UGM attendances have been given their perfunctory airings. Publicity machines have been furiously grinding out the pearls of wisdom, the hopeful messages and adherent clichés.

What will come of it all? At the time of writing, (Wednesday afternoon) it is not at all certain that the ICU elections

will be quorate. A threshold of about 1050 voters is necessary to make the elections valid - if the threshold is not reached, new elections will have to be held, new slogans will have to be thought up, candidates will be called upon to make even greater efforts with their campaigning.

Naturally, if the elections are quorate, then let us congratulate the victors and commiserate with the not-so-lucky. But if the elections are deemed invalid, then some people are going to have to do a lot of hard thinking with regard to their future.

*

The demonstration for fairer grants

last Friday appears to have been a success. A 15,000 turn-out nevertheless be remembered that there were Welsh and seen in the perspective of the fact that Welsh and Scottish demos were being held simultaneously can only rate as a success in terms of participation. The turn-out from IC was 50% higher than that recorded for the last demo: a new sessional high of sixty students. Trev. Phillips was extremely disappointed, and justifiably so.

The question now being asked is:- How many of those who have recently stood up and endorsed the fighting of the proposed education cuts were on that demo?

More developments next week.

LETTERS

Dept. of Mathematics,
Imperial College.

Dear Sir,

Ms. Listz's analysis of pinball as an outlet of repressed sexual impulses is essentially correct. Of course, minor points are open to dispute. She does not explain the deep satisfied clicks and shirrs the machine makes when a ball is lost down the hole. Furthermore, my personal skill (or lack of skill) is such that I never get a replay. This does not mean that I derive no satisfaction from the game. However, let us not argue on technicalities.

In her conclusion, Ms. Listz condemns "sex substitutes" such as the phallic pinball machine, Theta, and the Queen's Tower. May I point out that there is a sex ratio of 10:1 in I.C. clearly, some substitute is more glorious, more majestic, more...Imperial than the noble art of pinball?

Yours faithfully

David Cooper

Dept. of Chemical Engineering
Imperial College
26th February 1975

Dear Mr Williams

I am writing to you to protest about the pulling down of posters around College at Union Election times. It is common practice of the societies at Imperial College that no posters put up by other societies advertising future events are pulled down, but those which are out of date can be. Although College Union pays for the posters through SCC/RCC, they are still expensive and account for a reasonable percentage of the societies annual grant from the Union.

On Monday (February 24th) two posters were placed in the

JCR near the door, and on Tuesday (February 25th) they had been replaced by a poster of a person standing for a Union office. There were many blank sections of wall where this poster could have been placed but they were not well positioned.

If everyone practised this habit, NO POSTERS would remain up for more than a few hours, and no-one would know if any meetings of interest to him or her were occurring that lunchtime.

I appeal to people to stop this habit of pulling down posters around College.

Yours faithfully,

L.J.Julius
Secretary,
Jewish Society.

Imperial College Union
28th February 1975

Dear Mike,

It seems I gravely misrepresented the Gliding Club at the hustings on Thursday when I stated that they had a grant of approximately £1000 and only 20 members. I have since discovered that their grant is only £750 and that they have a membership of over 70 people.

I wish to publicly apologise to the Gliding Club and hope that my mistake does not jeopardise their grant for next year.

Yours sincerely,

Malcolm Spencer

Imperial College

Dear Sir,

In the event of Mooney becoming even more expensive, I feel sure that the majority of I.C. students will stop using the refectories, causing yet another increase in prices due to a decrease in takings. Not only is the standard of food low, but also that of service.

To quote but one example; on Thursday last I went down to the Union Refectory at 3pm in the hope of buying a late lunch. Having entered the refectory I was hustled out to cries of "closed for lunch, open in half an hour," although the signs clearly state that the lower union refectory is open from 11 30am until 5.55pm. When I returned at 3 30, I was served with chips that had obviously been fried before the refectory had been closed, and by this time were greasy and cold.

This is not the fault of the staff; however, may I suggest that were this a commercial enterprise, the manager would cover while staff had their own meals. May I also suggest that, if the refectories faced reasonable competition, and did not have a 'captive clientele' they would have to improve their standards or close. No-one would mind paying higher prices, to eat in reasonable

surroundings and be served with palatable food.

Yours sincerely,

D.West.
Aero 2.

Physics Dept.
28th February, 1975

Dear Sir,

Something was said at the UGM on the 27th February that annoyed me, and certainly have angered members of the Imperial College Gliding Club. This was the statement by Mr M.Spencer, a candidate for the post of ICU Hon. Sec. in reply to a question, that in the event of the Union's budget being cut, he would rather see selective cuts in minority interest clubs, eg. Gliding Club which estimates over £1000 for next year for only twenty members. Apart from being misleading this raises a number of

Continued on page 9

FELIX © 1975

Michael J. L. Williams
Editor

FELIX Office,
Imperial College Union,
Prince Consort Road,
South Kensington,
London SW7 3BB

Published by the Editor on behalf of the
Imperial College Union Publications Board.

Printed Offset-litho on the Union premises.

Paul Ekpenyong, Sub-Editor
Richard Waring, News Editor
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Ramon Newmann, Photographic Editor
Rob Jones, Sports Editor
Roger Wilkins, Photo-Journalist
Chris Keenan, Business Manager
John McCloskey, Technical Manager

Ian Morse, Hon. Production Engineer
Many thanks to Gill, Julia, Sue and Andrew

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IC Science for People

Pete Glass

OCCASIONALLY in our more critical moments we may ask ourselves - what are we doing here, for what end, is that end worthwhile or interesting even? It was interesting to note the packed lecture theatre in last week's General Studies 'Horizon' film "Science is dead - Long live science" obviously there is a widespread concern and awareness that all is not 100% rosy in the world of science and technology. However, these concerns tend not to get expressed vociferously in a college dedicated to the single minded training of scientists and engineers without encouraging us to ask "what is it for?" Thus the demarcation between the "two cultures" is maintained.

The IC Science for People group (society for social responsibility in science) exists to provide a forum of discussion on the issues of this interaction between science and society. We do this by meeting at lunchtime on Tuesdays in Southside Upper lounge for a drink (everyone welcome) and inviting speakers of varied renown to talk or lead a discussion. To see what we've been up to this year, we started with Dr. Jerry Ravetz, historian and philosopher of

science, who maintained that science was not neutral and attempted to destroy the ideology of 'pure science'.

This term we invited Sir Brian Flowers who talked on science education and research from the perspective of IC. He discussed the theme of accountability of a scientist as an individual, to his employer, to the public good, but refused to be drawn on the validity of the various interests, and whether we had satisfactory mechanisms of ensuring accountability - essentially a political process. He said that means are technological but that ends are political; thus scientists ought to be conversant in the social sciences, so they can contribute to the debate over both means and ends. He hopes courses in "relevant" social sciences will be introduced at IC. However, he is adamant

that IC should not turn into another LSE. I hope, personally, that he does not suppress necessary political discussion.

Last week, David Dickson, science journalist and author of "Alternative Technology", presented his thesis that the demarcation between technology and politics cannot be maintained, i.e. the decision to develop a technology, the technology itself, and the uses to which it is put, along with the side effects, are inextricably linked through the structure of a given society.

As for the rest of this term, we hope to have Brain Easlea, author of "Liberation and the Aims of Science", and Professor Bernard Feld from MIT, active in "Pugwash", and reputed to have been on Nixon's list of "enemies", who will discuss the role of Non-super Powers who nevertheless have nuclear "capability" e.g. Britain, France, Israel, India etc.

Look out for further details or contact Pete Glass Physics 3.



RCSU Night Out
Tuesday March 11th:
Ice skating at Queen's. 50p.
Meet at Stan's Bar at 6.45pm

The RCS Association cordially invites all RCS second-year students to attend a sherry party. Thursday, 13th March: Physics and Life Science.
Monday, 17th March: Mathematics and Chemistry.
Functions commence at 6.00pm

COMMUNIST PARTY MEETING

Film: "50 Fighting Years"
Speaker: Gerry Cohen
7.00 pm, TUES 11th March
ICU Evening Room
Admission 10p

IC Astrosoc
"Balloon-borne Infra Red Astronomy"
Dr. Bob Joseph, Thurs 13th March at 1.00 pm
Physics, Theatre 2.

Imperial College Orchestra
Jamefelt: Praeludium
Copland: Appalachian Spring
Beethoven: Symphony No. 7
Conductor: Gavin Park
8p.m. Wednesday, 19th March
in the Great Hall. Tickets:
35p at the door.

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

WE BEGIN AGAIN THIS WEEK WITH STANLEY AND CURLY TRYING TO GET OUT OF THE HEATING TUNNELS...



MEANWHILE THE CAMPAIGNING BEGINS IN EARNEST

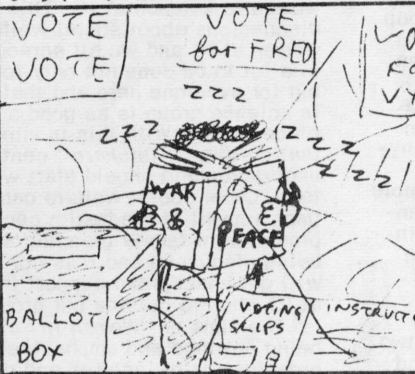


I'LL SOON WORK THIS OUT WITH THE HELP OF MY TRUSTY ADDING MACHINE, NOW HOW MANY 2 1/2'S ARE THERE IN 4000? HMM, SO 5 FULL PAGE ADS AT £500 EACH, LESS 10% COMMISSION, LESS VAT, LESS EXPENSES, LESS MY AGENCY FEES, LESS MY OVERTIME, LESS MONEY, LESS HUM

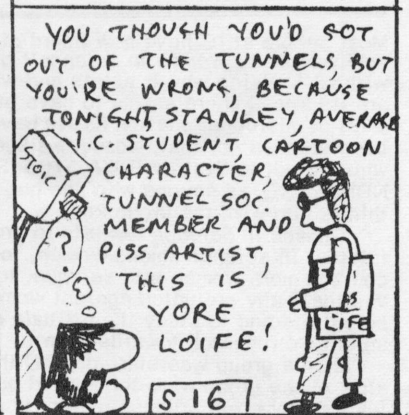
WHILE SOME PEOPLE ARE ALREADY CELEBRATING IN THE UNION BAR...



COME THE GREAT DAY, THE NATION RUSHES TO CAST ITS VOTE...



WHILE IN THE STOIC TELEVISION STUDIO...



PRECJ PICE

Trevor Phillips

A number of students have recently asked me to explain some of the factors concerned with my nomination to a vice-presidency of the NUS, and what I intend to do. Perhaps I can take a short while here to clarify my position.

First, the mechanics: as President of ULU I will be a sabbatical officer of ULU; as a vice-president of NUS I would not be sabbatical. There are, in fact only four full-time officers of the NUS - President, Deputy President, Secretary, and Treasurer. The obvious reason for this is that the National Executive dominated, not by full-timers based in Endsleigh Street but by "ordinary students", and sabbatical officers in direct touch with student needs. That way the Executive is not isolated from the student body itself.

The second point concerns my own registration. I am standing for election as a student of Imperial College. I am flattered that so many people have indicated that they would wish me to remain a student of IC (nominally, at least) for the next year. I should point out that my only reservation was whether this would be acceptable to the College; my allegiances, as a student, have always been to IC, even when the Union has taken reactionary backward positions which in my opinion, acted against its own interests. They remain so. With regard to LSE, their reputation is an undeserved one, and my interest was in terms of a course of study, not bashing in the gates, or the Director.

The other major point is the fact that I am standing as the candidate of the Broad Left. People have asked me what the Broad Left is, and why I am part of it. The space allowed here is not enough to outline this fully, but I will try to give some ideas about the nature of the Broad Left in a few paragraphs.

Essentially, the BL is an alliance of students - Left Labour (mostly from the "Clause 4" group, which identifies

with the Tribune group of MP's), Communists, and non-aligned socialists like myself. We take part in that alliance because we have a broadly similar conception of the role of students in today's

society. The Broad Left tries to put forward policies that the mass of students can identify with and unite behind, in fighting to defend their educational and living standards - thus the aim of building strong student unions which can fight on questions like Grants, education cuts, and housing.

All students within the Broad Left see the interests of students as being linked to those of working people, because it is not only students who suffer from a lack of educational provision, or of accommodation. Therefore, we cannot operate independently of those working people or find separate solutions to the problems. As a member of the BL, I feel that student unions should tackle these problems alongside the organisations of working people - the Trades Unions. This goes both for national and local levels.

I know that it is sometimes difficult for students to distinguish between different "lefty" groups. However, I would say that we differ from the other major leftwing group, the Ultra-left, as significantly as we differ from the Right in student unions. The Ultra-left do not believe that it is worthwhile fighting on "student questions" or trying to unite most students on particular issues. They would rather try to win a small number of students directly to "revolutionary socialism", an approach which we strongly reject, for this only results in dividing students, in alienation, in students being "pissed off" with the Union, and apathy.

The Right wing (as exemplified by RAG, the Liberals, and the Tories) in student unions essentially attempt to do much the same - divide students, weaken student unions as campaigning bodies, to generate a "do-nothing" atmosphere. The fact that the Ultra - Left and Right often team up, as at LSE recently, where they tried to discredit the Union, by setting ludicrous demands, and calling for tactics which were totally unrealistic in that situation (ultimatum to the Director, occupations, etc) shows how interested they are in students' welfare.

Fundamentally, I see the Broad Left as an organisation which will try to unite students in fighting in their won interests

- and in the present situation, the interests of the education sector as a whole; one which can provide the kind of leadership that the NUS (and student unions) needs. That is why I stand as a Broad Left candidate

*
Anyone want to buy a BL Journal?
Only 10p.

*
After all the talk of "free speech" lately I would like to point to what I regard as a real limitation on the free speech of some Union members. I refer to students who belong to the Services. Many of these students feel that they cannot take part in "political" activity as students, because of possible repercussions on their careers in the Services. Even the National Demo was considered "too much" for them.

I consider this a scandalous situation. Whether these students are "right" or "left", they should be allowed to speak out on issues, just as much as any other member of the Union and take part in activity open to other students.

The sooner the Services stop pretending that soldiers, etc, are machines and realise that they are human beings with views the better it will be for them.

POSTGRADUATES

NEW ARRANGEMENTS
FOR
HALL & HOUSE APPLICATIONS

Those going into 2nd or 3rd year should apply by 21st March, so that places can be allocated by June. The closing date for those beginning a PG course next year remains at 1st August.

IDA GLASER
ICU WELFARE OFFICER

Women in Science

Karen Gadd

Most people at IC have now heard of the newly formed "Women in Science" group without knowing why it exists and what are its aims. There seems to have been a lot of misrepresentation as we have been branded political, women's libbers who are out to destroy ICWA THIS IS NONSENSE as anyone who has had anything to do with the group knows.

"Women in Science" exists to promote interest in science among women, to encourage more women into science, to investigate any prejudice against women scientists and to study the attitude of scientific research towards women.

When a group was started at IC the aims of the group were formulated on two levels, women in science generally and

women in science at IC. This led to discussions about social welfare of the women at IC and we all agreed that there is a lot to be done not only for the women but for everyone here and that the women in science group is as good a starting place as any. With this in mind the organisation of a "Flatshare" centre is being undertaken and should start work next term. Other social welfare campaigns for improvement of the health centre, and the provision of family planning service are being discussed and it is hoped that we will get widespread support from people at IC who are outside our group.

The aims of "Women in Science" are being outlined and emphasised by the organisation of lectures and debates, the

first of which took place last week and was very successful. It attracted women from other London Colleges, fifth and sixth formers and some women who have made their careers in science and engineering.

The "Women in Science" group at IC is organising surveys to study attitudes towards girls who apply for industrial sponsorships, and the attitudes third year female students face at interviews for jobs. In both of these, incidences of blatant discrimination have been revealed, how widespread is the prejudice, and in which areas it most frequently occurs.

I consider it important that we emphasise that we are a non-political group, that we consider our aims sensible and important. Anyone who dismisses us as "just more Women's Lib" is clearly incapable of considering any moves against injustice and intolerance as worthwhile. We welcome ANYONE who wishes to attend our meetings which are held Wednesday lunchtimes in the ICWA lounge - if you are interested in our group or any one of the aims of our group, come along to a meeting and bring any ideas.

Residence

THE COLLEGE has 1147 places in Halls and Houses with approximately 150 places in the area of Hamlet Gardens. The applications for these places must be in by March 21st and you may apply for either the Flats or the Halls/Houses *not both*.

Now for some information about the various categories by which you may fall under if you are applying for residence.

1). There are a number of places available for students wanting a second year in residence. This number is fixed at 12% of the total number of places in the respective Hall or House. Hence if you want to be one of the lucky 12% get a form at the beginning of March from the Residence Office, Room 161 College Block. The successful reapplicants are chosen by a committee consisting of students in that Hall or House who are chosen by the Warden according to his wishes.

2). 18% of the places in Halls and Houses are designated for postgraduates. This has been increased from 15% recently as the demand for places has now increased to about six applicants to one place, (similarly for the reapplicants, up from 10% to 12%). The extra 3% will be accommodated entirely in the Halls because the House Wardens have difficulty in getting postgraduates in shared rooms. An important point which postgraduates may not know is that any years in residence as an undergraduate are discounted and hence selection is random.

3). There are forty medical or welfare/compassionate places distributed throughout the Halls and Houses and the Student Counsellor, Mr. Don Adlington together with Dr. Grey nominate students for these.

4). Union places are for Union Officers who need to be near College in order to carry out their duties normally. These students are: President, Deputy President and Honorary Secretary of ICU, the three CCU Presidents, Chairmen of SCC, RCC, ACC, Assistant Secretary of ACC, President of ICWA, RCC Transport Officer, Carnival Coordinator, Nightline Coordinator, Editor of FELIX, Entertainment Committee Chairman. There are also another four places at the command of the President of ICU. Generally two of these may go to the Rag Treasurer and the Chairman of SCAB. A Union officer as above may have up to and including a third year in residence, only the President, Deputy President and Honorary Secretary of ICU may have a fourth year in residence. (Welfare and Medical/compassionate places do not come under this ruling).

5). There are 24 Wardens places in the Halls only, three per Hall, over which the Warden concerned has control. Staff members may apply for these and their applications are considered by the Wardens.

6). A small number of places exist for University Exchange to accommodate visitors.

7). The remaining group of places are allocated to freshers and scholars. Half of the places in Halls and Houses are for freshers who are nominated by their prospective department. There are 35 places (included in the freshers places) for students who obtain either a Royal or Entrance Scholarship which carry the option of having the first year in residence. Ten Vickers scholars have as many years in residence as they wish and up to three Selkirk scholars have a place in Selkirk for their scholarship period.

Here's a few statistics for those who like them.

Number of students at College	4080 (approx)
" " " in Hall and House	1147
" " " Hamlet Gardens and Cambridge Gardens	150 (approx)
" " female students at College	413 (approx)
" " " in residence	119
% " " "	29%
% " male " " "	28%

Hamlet Gardens and Cambridge Gardens

The flats in Hamlet Gardens and Cambridge Gardens in Hammersmith and North Kensington are sub-let to students by the

CYCLING

THE BICYCLE, as a form of transport, should be encouraged in urban areas. The frequency of expression of support for cycling is increasing and there is good reason behind this support: as an economical means of daily transport it is unrivalled. Those who deplore the pollution and waste of cars support the bicycle as a viable alternative.

If you feel that, for any reason whatever, you are suf-

ficiently motivated to register a protest there will be many others of similar mind gathered on Saturday, March 8th. On this day there is a 'Cycle-in' at Richmond. This hopes to gain some consideration for cyclists in the re-planning of Richmond centre and also to publicise the case of cyclists as a whole. The 'Cycle-in' starts on Richmond Green at 10.45am on Saturday (tomorrow), it is organised by the Barnes and Richmond group of The Friends of the Earth.

Consider Cycling.

Hear Althea Jones on
Scientific Racism
1.00 pm, Wed. March 12th
Civ. Eng. 208.
(Organised by the JCARE)

IC Photographic Society

A. Scott-Moncrieff (a member of Civ. Eng. staff) shows us slides of his recent visit to New Zealand. **Tuesday, 11th March in Mines 228 at 18.45.**

BBC SYMPHONY ORCHESTRA
TICKETS - FREE!
See Jen in the Union office for further details.

Remember you can help to SLICE fuel costs. Look out posters and stickers on light and power switches.

Switch off all unnecessary lights. Use as little electrical power as possible.

A 5% saving on electricity can save over £10,000 on the College bill. Also: Keep doors and windows tightly shut, especially when the outside temperature is low.

SLICE

Save Lighting and Imperial College Energy

College as head leasee. The Union picks the applicants for the flats theoretically but in fact delegates this responsibility to the Warden who in turn selects the students in conjunction with the subwardens. The flats are in sixes, sevenses, eights with 4 x four and one three. You stand a better chance of getting in if you submit a group application. It is policy that students wishing to have a second year in the flats have first choice of which flat and get priority over first time applicants. There are no rules regarding maximum number of years in the flats, similarly residence in the flats does not count when applying for Halls and Houses. Freshers are not eligible for residence in the flats but married couples are.

SUMMARY

If you want a cheap room near to the College or not far from the Ravenscourt Park tube station then fill in the appropriate form but don't forget that you will need two passport-sized photographs. Any questions should be sent to me (care of ICU Office) or to a very helpful Ann Henley, the Residence Clerk in Room 161 College Block.

Undergraduates and reapplicant postgraduates applications should be in by March 21st, new applicant postgraduate applications by August 1st.

P.S. Members of ICWA: you are entitled to at least one year in residence yet and will be third year next year then see the Residence Clerk, and complete the necessary form before March 21st, and you will get one year in Hall or House automatically. N.B. One year in residence is any period longer than one half-session, (half-session ended on 31st January), less than half a session is counted as zero time in residence.

Dave Salisbury,
ICU Student Residence Officer.



DOWNS is Hon. Secretary EKPENYONG is Editor of FELIX

AT YESTERDAY'S UGM, John Downs and Paul Ekpenyong were declared elected as Hon. Secretary and Editor of FELIX respectively for the session 1975/76.

"WINE, WOMEN & SONG"

IC Folk Club presents a ceilidh with the
INSTANT CEILIDH BAND
Caller: Mike Barraclough
and the Twaddle Band.
Wed, March 12
JCR College Block 8.00pm
Tickets: 50p (40p adv)
Members 30p (20p adv).
Available from
Folk Club or Union Office

Fears that the election might not be quorate were indeed justified for the quota of votes was only just reached. The actual voting figures were:-

HON. SEC.

J. Downs	699
M. Spencer	268
Absentions	83

FELIX EDITOR

C. Dewey	440
P. Ekpenyong	527
Absentions	81

There were eight spoilt papers thus making the total number of votes cast for the Hon. Secretary and the Editor of FELIX elections 1050 and 1048 respectively

The election of Pete Teague to the post of President of Imperial College Union was ratified at the hustings UGM. Three ICU executive positions remain to be filled, namely the two VP's and the post of DP.



Peter Teague

SCIENTIFIC RACIALISM

The pamphlet, *'Science, Racism and Ideology'*, written by an Open University research team is a detailed rebuttal of the Eysenk/Jensen theory of the inheritance of intelligence, which is used to 'prove' that certain groups, notably Negroes, Jews and even the whole working class, are inherently less intelligent than various other groups, notably whites and the middle-classes. It traces the history of these ideas, which are not new and know the uses to which they have been put (eg justifying the murder of Jews by the Nazis) and those to which they are being put now, (cf the call by the National Front for the repatriation of coloured people).

The authors separate three strands of the argument; (i) a tendency to assume that biological differences cause racial differences; (ii) arising from (i), they claim that any aspect of human behaviour arises from genetics and environment and that these are separable; (iii) belief that IQ tests measure pure culture - free intelligence, known as "g".

When different racial groups and class groups are tested for IQ, there are differences in the averages obtained. Eysenk and Jensen ask, "how much of the difference is due to genetics and how much to environment?" The authors show that this question is meaningless, in essence because genetics influence the environment and vice-versa. For the genes produce chemicals which affect other genes, and this must affect the environment in which later genetic events occur. In different environ-

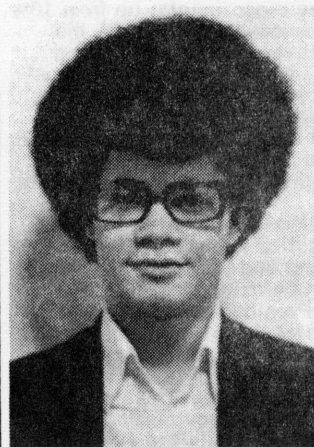
ments the name group of genes can produce different characteristics, thus there are no such things as "high IQ genes" or "low IQ genes," which are essential to the Eysenk/Jensen theory.

Eysenk and Jensen would probably concede that the contribution of genetics and of environment to a particular trait like intelligence is not meaningful for an individual, but would claim that they can be measured for a population. They define heritability as the ratio of the intelligence difference between members of the name population due to genetics to the total intelligence difference. A population being a group of people with similar genotypes. For white populations they give a figure of 0.8. But this heritability calculation cannot be used to set limits to genetic or environmental influence, due to the interaction mentioned earlier, they are thus useless for their intended purpose.

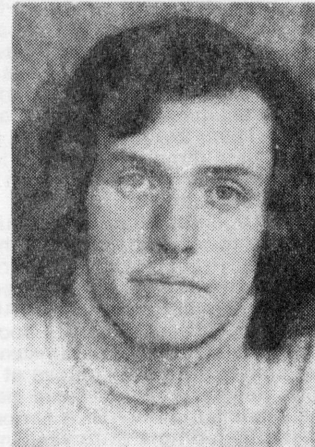
The authors then indicate that IQ tests do not measure pure intelligence, but only the possession of certain skills determined by those setting the test.

Thus the authors destroy the Eysenk/Jensen theory and expose the worthlessness of the evidence (IQ scores) which Eysenk and Jensen then use to prove the supposed inferiority, and others to prove the biological imperative of the present position of these groups in society.

It is hoped that one of the authors will be coming to IC in the near future to speak on this subject.



Paul Ekpenyong



John Downs

Richard & Linda Thompson

MANY people have been asking who this "minority interest" duo who are appearing in college tomorrow night. Here is a short musical history:

Richard Thompson played stylish electric guitar in *Fairport Convention* in its early days of 1968, when it was regarded as a folk group. He wrote songs such as "No Man's Land", "Tale in Hard Time", and the classic "Meet On The Ledge". He stayed with the band through numerous changes of musical policy, and contributed many more notable songs on later albums, among them "Cajun Woman", "Genesis Hall", "Farewell, Farewell", and "Crazy Man Michael".

When he left *Fairport* in 1971, he dropped out of the limelight, but was still working in a folk duo with Linda Peters, who later became his wife, and did many sessions for old friends, including Sandy Denny and Andy Roberts.

Richards guitar playing has always been notable for its economy, and his first solo album, "Henry The Human Fly", was a typically low-key and engaging record. The combination of Richard's guitar and growing songwriting ability with Linda's warm, strong vocals proved virtually irresistible.

Unfortunately the birth of the Thompson's daughter limited the duo's live appearances, but they did play support on the British part of *Traffic's* 1974 World Tour.

In their new album, "Hokey Pokey", Richard plays guitar,

mandolin dulcimers, and piano, as well as sharing the lead vocals with his wife. All but one of the songs are by Richard, and they vary enormously from the title track to the sadly reflective "I'll regret it all in the morning".



You can see them live on stage tomorrow night in the Great Hall at 8.00pm. Tickets are on sale in the union office from 12.30 today, 70p for IC students, 80p for other advance tickets. Some tickets will be available on the door at £1.00.

How is NEURO-PHYSIOLOGICAL ENLIGHTENMENT

possible for everyone?

A talk on:-

TRANSCENDENTAL MEDITATION

1.00pm 11th March
ROOM 406 ELEC. ENG
ALL INVITED

THEFT!

A person was seen taking a WHITE KANGOL FULL-FACE CRASH HAT from the Southside Refectory. If this person is spotted he will be questioned unless, in the meantime, he returns the crash helmet to the Southside Messenger's desk (no questions asked).

DAVY'S ESCAPADES

AT LAST "Davy" is back home in Mines! His 53 day adventure into the outside world ended last Friday when he was returned to his custodians and once again took up residence in the RSM building.

During the months that followed the disappearance of "Davy", relations became strained as successive communications from the Doctor and the Guilds Union consistently contradicted earlier communications. Of one thing there was little doubt: *The 'Doctor' and his organisation were a force to be reckoned with and afforded every respect.*

The waiting game is apt to bore men of action so, while the RSM Union played out the official wrangling, its members set to work with a variety of plots. Most came to nothing but one, the bugging of the C&CU office, bore fruit and fuel for the RSM "peep soc". Names could not always be linked with voices, consequently we are still wondering who it was, on the eve of the Guilds' Dinner & Dance, who warned Jenny Jones, "You'll have to keep your legs together tomorrow night, Jenny"! Amusement was never ending. I hardly believed my ears, as I was taking my turn on watch,

to find myself in the middle of a Guilds' Committee meeting, hearing for the first time acknowledgements from Mr Barnes of the superiority of Mines. Clearly the RSM 'Brain Cell' cannot be so bad after all, for openly and unashamedly the VP of Guilds was poaching on our initiatives, giving fact to the feeling that

John Mortimer

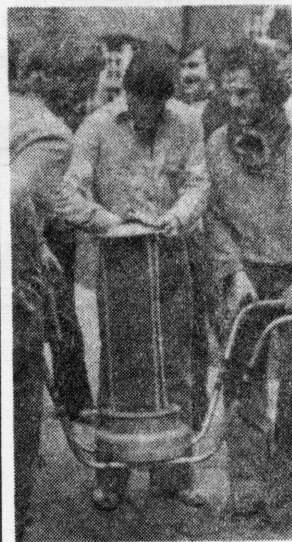
what Mines does today, Guilds will do tomorrow. *Need any help with your apathy problem Dave??* By comparison, Guilds illegal attempt at radio transmissions from the RSMU office was brief and unsuccessful.

The Guilds' offer to sell Davy to the Camborne School of Mines was made on January 28th, before any conditions were offered to us, and a copy of the letter was received by me on Thursday, 30th. From

Union Resources Working Party
ICU Council set up a working party with the following terms of reference:
"To examine the workings of the Felix Office and the Union Central Administration and to report on the options open to the Union in the deployment of its resources in and between these areas".
The comments of Union Members are urgently sought. Please send them to the Honorary Secretary, Union Resource Working Party, c/o Union Office.

the depths of the RSM building the seed of the idea sprang into life and the printing presses clattered into action. We knew by then that Camborne had received the offer and were shortly to submit a bid. By submitting an earlier reply, there was a chance that we may have succeeded in posing as Camborne.

As the headed notepaper spun off the press, the problem of beating the Camborne reply pressed even harder on our minds. Still, we did it. Typed, signed, sealed, postmarked and delivered, *all on Friday morning!* The rest was reported in FELIX. Alas, the letter was not opened until Monday at the same time as the real reply. By then our bug had been discovered and so we were in the dark. The rest was my own fault! We decided that to play it through could do no harm. Unfortunately the idea of such a good replica had not occurred to me!



his shirt!

The RSMU contingent entered nonchalantly from Beit archway only to stand waiting while Dru tried to make his beer damped fireworks go bang. He finally succeeded in igniting a dry banger and as if by magic, Jenny Jones materialised through the billowing smoke to enquire of the RSMU bearers why they were not wearing Guilds' slopp shirts and swimming trunks. *She had unfortunately forgotten to tell us they had to showing!!*

To an earsplitting shout by Mines, Davy appeared from Beit Hall newly painted in blue and red. Quickly it was checked and then escorted without further delay to the new home in Mines, while Guilds performed a boomalaker. The anticlimax was complete!

In the final analysis, Mines lost the battle but won the war. We lost little more than a mascot. True enough, Guilds took £150 of our Rag money, but to the sixty people who collected £720 to get Davy back, it was a drop in the ocean. Our pride was only slightly dented, our heads were never bowed in shame. But what did Guilds lose? They lost the chance to make us do these things and one chance was all they had. *One chance is all the RSM will give anyone!*

Election Manifestoes

DEPUTY PRESIDENT

R.I.Z.S. Shakir (prop. by N.J. Payne)

I have been at IC for two years and though I did not take active part in the Union in my first year I remained interested enough to know what went on and how the Union works. I did however take as full a part as I could in hall (weeks) life and helped in the running and organising of social events. I have also done this in Garden Hall but due to commitments to FELIX these activities have been limited.

My duties as Features Editor took me to College Block (especially in connection with producing the careers supplement) and as a result, I now know how the administration is run and who runs it. In the course of this it has become crystal clear to me that a gulf exists between the students and College Block. This gap must be bridged and one way of so doing will be for me to arrange talks (by the CB officials) and question and answer sessions where students could meet these people and express their views.

The DP (thru' the House Committee) is responsible for the Union facilities. In addition to upholstering of the furniture and the possibility of fitting a cord carpet in the lounge bar (which is already being looked at), I intend to make the refectories much more aesthetically appealing and also to ensure a high standard of cleanliness and hygiene. I would also like to see some repairs carried out in the gymnasium.

If I am DP next year I shall be available ALL of the time. This will help me to represent your views more accurately thus making it possible for the union to do what YOU WANT IT TO, FOR YOUR BENEFIT.

I think I have the ability to negotiate which will help me when I am representing you on the various committees. Finally I will ask you to vote for me AND please VOTE.

M.F. Kessler (prop. by R. Argent)

As I see it, the job of Deputy President is split into three main parts:
1. Maintaining the Union Areas
2. Representing the Union on various College committees and
3. Some general Union Administration i.e. Union Meetings, committees, including Council. I feel that during my time at College, I have gained sufficient experience to enable me to cope with all aspects of the D.P.'s job. As a CCU VP, I have learnt about Union Meetings the hard way, from the front, I have sat on many committees and learnt how to handle the prolonged wrangling that most committees call discussion. I have been to many Council meetings and, also, have made myself known all over College. This will be useful as DP for although the Deputy President's job is not primarily social, it is important for him to be widely known. This is particularly so in connection with running the Union Building because if anything needs repair it is much easier to find someone you know than just a DP.

Over the last few years, the function of many rooms in the Union Building has changed and most of the furniture has been replaced or renovated and so, next year, the emphasis must change from renewing to redecoration and furnishing each room to suit its purpose, eg the TV room could do with dimmer lighting. "Mike" has been back at College for about a year and I would like it put on permanent display - if adequate security can be arranged - so, if elected I would do all I can to build a secure plinth so everyone can see our mascot.

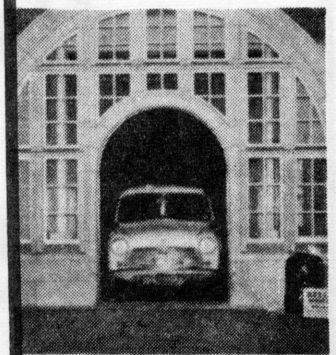
I seem to have to the end of my 300 words, so to sum up, I want to vote for me because I have (I think) the knowledge and experience to do the DP's job successfully.

Mini Mystery

ON SATURDAY afternoon a mini was seen to be parked on the grass in the Beit quad minding its own business. No one seemed to know who it belonged to why it was there but no one seemed to be unduly concerned.

However, later that day at about 11.30 pm the mini was standing in the union door with its rear bumper against the inner swing doors, as if trying to get into the building.

Apparently, about 60 people making their way home from the bar put the mini in this somewhat unusual place and quietly slipped away. Subsequently it was extracted and removed to Prince Consort Road by Dramsoc. members, who had been working late.



The RSMU Committee decided that the time had come to submit. The Doctor's organisation had won our respect. The Guilds' conditions were delivered to us and they were agreed in substance on 13th February though later they were to find that their words had been rather loose.

First we were told one thing and then another, but finally the date for the Davy handover was fixed. 1.00 p.m. Beit quad, February 28th. A large crowd of spectators had assembled in the quad, whilst in the bar last minute checks were in progress to make sure that the Davy bearers had the requisite swimming trunks and Guilds slopp shirts. Panic struck as 1 o'clock drew nearer on the realisation that one of the bearers was still without a shirt. Many apologies to Rich Gundersen for waylaying him in the quad and swiping

FRENCH TRIP '75

The task seems to have fallen to me to write this account, as everyone else who went on the trip seems to be suffering from writer's cramp at the moment, or perhaps they have all strained their right arms lifting up all those bottles of wine!

The coach left IC Union Arch on Friday, 14th February, at 9.30 am and we headed for Dover with a most competent driver from Glasgow called Jock at the wheel who had never been to Paris before in his life.

Our first stop was at Canterbury where a majority decided they wanted to go to the loo, only to find that the gents was locked, so nature being what it is, a large mixed queue formed outside the ladies. Did we get some funny looks! We arrived at Dover and the boat left for Boulogne at 2pm. It was a French ship and the snackbar had a wide range of sandwiches - ham, ha or ham?

At 3.30pm we reached Boulogne and then set off for Paris. Just before Beauvais (most of us were feeling somewhat hungry after those delicious ham sandwiches) we decided to stop at a roadside cafe/bar. We all entered the cafe creating absolute havoc. Since only 12 were from IF, guess who had to do all the ordering... The Frenchie behind the bar

nearly fainted when I asked for 27 plates of chips! Was he relieved to see the back of us! We reached Paris at 11pm.

On Saturday morning we were taken by the French students to their college to be welcomed by Monsieur Strauss. Then we went off on a coach-tour of Paris with some of the

pare the two, Mooney's is a non-starter.

The evening was free and a group of us went to Montparnasse, and on emerging from the metro were promptly soaked in the sudden down pour before being able to find a cafe. We dived into the first cafe that would hold all 12 of us (it turned out to be the dearest) and once again created havoc. However, we got our money's worth in the end, because someone decided to pinch the

not, and enjoyed it immensely, especially when J.P.D. had to present a bouquet of flowers to a lady in the orchestra. Next on the agenda was a tour of Pigalle where the friver was all for stopping off!

Monday morning we were supposed to be at the college at 9am, but needless to say, we were late. First we had a welcome speech by the Director, then a speech by M. Strauss.

We had to leave Paris at 1 o'clock and made for Boulogne,

stopping off at a village on the way to rid them of their stocks of wine. There was a Force 8 gale on the Channel, and after so much wine, a few looked pretty green. But we reached IC in one piece at about 9.30 pm.

I think we would all agree that the French students were very generous and patient with us, and did all they could to give us a good time, especially the students of the Ecole Nationale Supérieure de Chimie de Paris. So now it just remains for me to say a special thankyou to all those who came and made it such an enjoyable trip, because without you it would not have been possible.

Debbie Parker

French students acting as guides. At about 1 o'clock we returned to the college for a celebration lunch. This consisted of a fantastic spread of food, flaming pancakes, and of course, barrels of wine.

Feeling considerably full and somewhat affected by the wine, we were free to occupy ourselves as we pleased for the afternoon. Supper was taken at F.I.A.P. and I have been assured that if you com-

pare the two, Mooney's is a non-starter.

menu. The Latin Quarter was our next target where we found a nice Greek Tavern. Sunday we had lunch at the Cite Universitaire, and then set off for Versailles for the afternoon. Supper was at F.I.A.P. and in the evening the French had booked us front seats at a Folklore Dance/Show. At first, we were a bit sceptical thinking it was a ballet, however we were surprised when we found it was

get ready for spommm !!!

I.C.D.S. PRESENTS

the sport of my mad mother

BY ANN JELICOE

thur 13 - sat 15 march

7.30

UNION
CONCERT HALL

40p

points, the two most important of which are:-

1) This was a very untactful thing to say, especially for somebody canvassing for votes and particularly as such information as a club's estimate should not, in my opinion, be divulged before it has been discussed in the relevant places. I do of course have no objection to all students knowing where Union funds go, but the circumstances in which Mr Spencer disclosed this estimate, which has not yet been considered for approval, may prejudice certain negotiations at many levels. As is quite often the case when people speak about things which they are not directly concerned with (or not yet concerned with in this case), the basic facts were wrong. The number of student members of the Gliding Club is about fifty and not about twenty as was stated, and in addition there are about thirty members of staff and life members (who pay a higher subscription) in the club, making it hardly a minority club.

2) A more important point is whether, what Mr Spencer calls minority clubs should have a right to exist if the Union's budget were to be reduced. There are bound to be different views on this, but if one looks up the "Objects of ICU By-Laws" the first two, out of the three objects, are:

a) The promotion of social intercourse between present and past students and academic staff of the Imperial College.

b) The encouragement of interest by students in matters outside the College curriculum, especially cultural and athletic interests. It is to further these objects that Union clubs are set up, and the wider the variety of clubs the more successfully these objects can be fulfilled. Such objects mean that any of the clubs in Imperial College cannot be a commercial enterprise and hence trying to apply 'cost-effectiveness', as Mr Spencer implied he would like to do, could threaten the existence of many clubs. If cuts were necessary then all clubs would have to make cuts, but none would be

prepared to accept disproportionate reductions just because somebody in the Union Executive doesn't consider their activities important.

Having made those two points, I would like to suggest to Mr Spencer that if he were elected to the post of Hon. Sec, he would quickly change his views and learn how the clubs within IC are organised, if he really wants to represent the majority of students who belong to the hundred or more clubs that exist at IC. Maybe what Mr Spencer said at the Hustings, was just something said "in the heat of the moment", but whatever the reasons he will have reduced his chances of being elected.

If Mr Spencer is elected then I hope he will take note of what I have said in this letter, and especially the fact that one of the major aims of Imperial College Union is to bring as many activities as possible within the financial capabilities of the students at IC.

Yours sincerely,

G.R.Causer
(Chairman, Recreational Clubs Committee)

Imperial College
1st March 1974.

Dear Sir,

I was horrified to hear of the criminal proposals made in the NUS document, relating to student sit-ins, entitled 'Direct Action Briefing'. For those of you who have not read the reports I will quote from the Guardian: 'A guide, which includes advice on the laws of trespass, use of drugs and drink, and, more controversially, recommends photocopying "incriminating documents" was sent out two weeks ago to about 700 student unions..... under "General Hints" comes the advice: Files can be very revealing, a lot of dirt can be found out about the authorities; every use should be made of such information.'

I cannot believe that such a document can do anything other than alienate public opinion. Mr J.Randall said on LBC, "It was a private communication to student union presidents and hence not intended for publication." Now it is we, the students, who are responsible for the activities of the NUS, and we are the ones who suffer eventually. Hence I believe Mr Phillips should release the document at the next UGM, where we can publicly reject its intentions.

This leads to my next point - to quote from the Broad Left statement in last weeks Sennet: "Conference is the Governing Body of NUS and decides policy which is a consensus not binding on local unions and their membership unless they accept it at their own General Meetings." At present it seems that NUS proposals are accepted at IC almost without question, hence a change in our constitution is in order. A motion such as 'all matters relating to NUS policy should be adopted at IC only after they have been accepted by a quorate UGM' would ensure not

FELIX Photographic Competition

FELIX is having a transparency (slides) competition which is open to ALL STUDENTS AND STAFF of IC. The minimum first prize will be £5 and the entry fees will added to the first, second and third prizes. THE BIGGER THE NO. OF ENTRIES, THE BIGGER THE PRIZES.

Rules:

1. The competition is open to all student and staff members of Imperial College.
2. The entry fee (Per 5 transparencies entered) will be 25p (20p for Photosoc members)
3. The category is "Open Transparencies" (35mm or 2 1/4 sq.).
4. All entries must have: bottom left corner of the viewing side marked; and the entrant's name and college address on each transparency.
5. FELIX reserves the right to publish any of the entries.
6. LAST ENTRY DATE IS FRIDAY, MAY 2ND 1975.

Entries and enquiries to FELIX office or to R.S.Newmann, Mech. Eng. 3.

STUDENT PROBLEMS AFTER 1214

THE RAPID increase in the numbers of students in the years after 1214, despite the fact that a flourishing community of scholars was also established at Cambridge, meant that the king was obliged to intervene in the interest of both the scholars and the town. The position was made more difficult in the universities in 1229 when the temporary dispersal of the university of Paris sent many scholars to England. Henry III despatched a series of letters on 3 May 1231 to the sheriffs of the shires of Oxford and Cambridge and to the mayors and bailiffs of the two towns. Each sheriff was to co-operate with the bishop of the diocese and the chancellor of the university in repressing 'rebellious and incorrigible' students, especially those malefactors among the student body, who 'pretend to be clerks and are not'. The king ordered the sheriffs to see that no student remained in the university who was not under the tutelage of a Master of the schools. At the same time the respective mayors and bailiffs were warned that their exorbitant

rents were likely to drive students away. The king ordered them to allow their lodgings to be assessed in regard to rents in the customary fashions. 'It is clear to us,' said the king, 'that both from this country and from overseas a multitude of scholars has come to our town of Cambridge, which is very pleasing and acceptable to us, since no little advantage to our kingdom and honour to us accrues therefrom.' (from English Society in the Early Middle Ages by DM Stenton Pelican History of England, Volume 3.)

only debate of NUS policy as it happens, but, in concentrating more power in the IC Union, create more interest in our own UGMs (any comments Mr Teague?)

Now I must comment on NUS demos. While Mr Phillips states that 'public reaction on the route of a march is in general sympathetic or indifferent', the obvious flaw in this argument is that most people are not on the route of a march, but hear about student demos through the media, where they have little acclaim. Incidentally yesterday's demonstration of about 12,000 students was completely overshadowed by the tragic Moorgate disaster. In the two papers I have read this morning the demo got a total of one photograph and four lines. I think to obtain public support and at the same time to publicize our cause we must first separate university and polytechnic students whose aims are entirely different, and recognise that a grants increase is useless if it means solely an increase in the parental contribution. I propose an entirely different kind of demo. It may be idealistic to suggest, but I think 1000 students sitting on the pavement outside Westminster, not shouting, but reading and studying, would, by its sheer originality gain public sympathy

through the media.

Finally, I speculate as to how Mr J.Randall would feel if his union office were to be occupied on the basis of his own proposals!

Yours sincerely

Francis Toye
Physics 2

Imperial College

Dear Sir,

It is with great trepidation that I must comment on the correspondence of our Jung Freud and I hope all can endure my analysis.

However strong the lady's views are, to take the pen (phallic connotations not only by shape but also by name) and putting it to white paper representing the virgin, and then stroke it back and forth with a sustained rhythm until a final climax is reached with a flourish, namely the signature representing the need for attention, a pointing out of a sexual deprivation, can only be interpreted as a masturbation fantasy of the first order. Though for personal satisfaction, I would rather use a typewriter.

May we all find our own truth, security and virtue.

Floreat Coitus!

Maxwell Wrigley

CHEMSOC LECTURE
Dr B.A. PETCHICA
Unilever Research
"From Research To Riches"
11th March 1975 at 13.00

WANTED

A vocalist for IC
Rock Band. Must be
good front man.
Apply Tommy Tizard 543

ANNOUNCING

The formation of I.C.
Yoga Society Instruction
in Hatha Yoga
Every Tuesday at 5.30pm
In Physics Level 8 Common Room
Come along or contact
P.Glass Phys 3

REVIEWS

Concerts

Mark Johnson

John Martyn: Concert in the Great Hall.

JOHN MARTYN was ably supported by a consortium of musicians based around The Lucas and McCulloh duo on acoustic guitars. After a couple of numbers including Joni Mitchell's "Yellow Taxi". They were joined by Kenny - The - Fiddler (from Slim Chance) whose playing at times was amazing and always entertaining. His piece "de resistance" was a rendering of "The William Tell Overture" on jews harp - yes jew's harp! We were treated to an encore of innuendo on group maneges.

"I was the only one who could handle Daniel The Spaniel Superstar"

John Martyn kicked off with his oldie "May you never". No one can deny John's skill on guitar and clever use of mixing and echo. But his style does not have universal appeal. His dry humour and behaviour on stage is construed, by some, to be arrogance, but having talked to him I do not think this is so.

He has now introduced drums into many of his songs, "Because I felt like it". On the classic "Bless The Weather", I do not think they were entirely at home. John was accompanied on Double bass, as ever, by the energetic Danny Thompson, who excelled himself on this occasion. For the last two numbers they were joined by the legendary Paul Kossoff, who appeared to have been kicked out at closing time and just made it to the concert. He may have kept his fans happy but this was not Paul Kossoff at his vintage best.

For the dedicated Martyn fans this was a concept to remember and for newcomers to his music it was a good advertisement. The audience was warm and in John's words, "A lot looser than the usual London audience." The support band, having now finished this tour, are forming Lucas and McCulloh's Almanac. So watch out for them they could be worth it.

When asked what he was doing now, Paul Kossoff said he was getting a band together this week, so keep an eye out for that too.

Records

Jack Llewellyn

David Gates: Never Let Her Go (Polydor)

DAVID GATES has that rare quality which is so often lacking in the pseud arena of the contemporary rock scene. It is called *finesse*, and Gates has it running out of his talented ears. Listening to *Never Let Her Go* is to return with a nostalgic sigh to the days when he was the indispensable core of Bread, the soft-rock sophistoes, who tragically disbanded some two years ago.

Although it could never be said that this album is a stale pastiche of that band, it is nevertheless true to say that David Gates musical resources have remained unflawed and unexpired. The style is exactly the same; it is simply

the orchestration that has undergone slight modification.

Cuts like "Never let her go", "Part-time love" and practically all of side two leave me despairing as to the validity of hard rock showing its grotesque (by comparison) face in public. Alright, alright. So maybe I'm an incurable romantic - it is just that this vinyl is indisputably one of the best around at the moment.

Ralph McTell: Streets (Warner Bros.)

IT WAS inevitable after the success of the single "Streets of London", that Warner Bros. should follow it up with an album of McTell singing mainly his own material and including, of course, the original single as bait. The venture as such pays off handsomely: the talented McTell renders ample illustration of his balladic versatility.

Mixed with tracks that are best described as "typically folk" are some superb ballads such as "Grande Affaire", "Pity the Boy" and "Lunar Lullaby" which, far from being harmonically trite, show a maturity of perspective which transcends the normal run-of-the-mill folk garbage.

Films

James Wilkinson

The Valley (obscured by clouds).

As you may have guessed from the second part of the title the musical score of this film is written and performed by Pink Floyd, so it starts with a point in its favour. The photography is excellent, the actors are completely believable in their roles, and the music blends superbly into the action. However, despite all this, "The Valley" is for me a slight disappointment. The theme lacks immediacy and at times the pace flags. If it is trying to put over a message it eludes my grasp.

Briefly the plot concerns a French woman who is initially in New Guinea to procure Bird of Paradise feathers but becomes involved with a hippy (not too cliché) expedition in search of the valley of the title, which is a blank on the map being obscured by clouds. Filmed on location the actors mingle with unrehearsed natives of the Mapuga tribe during the story, before they continue their quest. The ending was the type I hate - inconclusive.

The part that sticks in my mind (besides the quick erotic bits) is the opening photography to the accompaniment of Pink Floyd. Not a film to see for the story; but worth catching for its artistic quality.

Jack Llewellyn

Peter Fonda, Susan George: Dirty Mary Crazy Larry (20th Century Fox, Director: John Hough)

THIS FILM is a reasonably mediocre attempt to entertain the audience with a succession of motor car stunts and little else. The attempt fails dismally.

Peter Fonda of "Easy Rider" fame plays 'Crazy Larry', a speed freak with ambitions for big-time motor racing. With his side - kick mechanic, Deke (Adam



Rourke), he picks up with 'Dirty Mary' (Susan George), who by all accounts is a whore, but this aspect is never illustrated (sexist! - Ed.). After having robbed a supermarket cash office, the rest of the film is devoted to the police chase that ensues. Whilst the plot is a bore, the subplots had a lot of potential. Pity that they were left open ended and never exploited.

All the car stunts have been done before; there is a sprinkling of four letter words, hence the X - certificate; all in all, this film is one that will only appeal to car-chase addicts.

Books

John Andrews

Thomas Pynchon: Gravity's Rainbow (Pacador).

This is a mammoth piece of work not only in volume, and to be able to swallow it all in one helping would require a perceptive mind the like of which is not often found amongst scientists, or most other species of mortals.

One reviewer of this book said that most other novels are really a bit trivial when compared to this, and he was right. Mr Pynchon's imagination is matched only by his talent as a writer; into this bubbling cauldron of a book he throws sex, biology, war psychology, love, organic chemistry, humour... I could add a lot more. It is often erotic, often very funny (sometimes at the same time); it also has its moments of sadness and serious comment.

Paul Ekpenyong

Facts in Focus

The book is compiled by the Central Statistical office and is essentially a summary of the more important statistical figures in paperback for the mere pittance of 60p. A wide range of topics are looked at with data on EEC countries and a few comparisons with the major industrialised countries such as the USA. For those interested in public affairs of any sort it ought to be a useful guide for more informed debate, especially at UGMs etc.

Phillip Webber

Eric Ambler: The Levanter

'YET ANOTHER THRILLER' from Eric Ambler who is however very good at writing them the result in this case being atmospheric with a good complex plot and a twist or two thrown in for good measure.

Set in the Middle East this is based around one central character Michael Howell, 'The Levanter' and his involvement - all but unwilling - in Arab - Israeli guerrilla action in a plot to overthrow Israel.

Once got into, this is a hard book to put down and that is what a thriller is supposed to do - so take it as good for straight entertainment value, without perhaps the metaphysics or descriptiveness of a novel, which is the style of book 1

RUGBY

An early morning international was arranged against Buenos Aires Rugby Club for Saturday 1st March. They arrived on time but of course we didn't. (did we Terry?)

The game eventually started at 11.00am with our favourite referee, Gordon, blowing the whistle (occasionally). IC burnt off

to a roaring start and within five minutes Hughes had snook in near the corner flag for a good team try. The Argentinians fought back well and did well to keep IC at bay for the rest of the half and at half time the match was evenly poised with the score at 4 - 0 to IC.

For the third quarter the match was again rather furious and very even. The inexperienced Argentinians frequently went unpunished when offside in both ruck and maul. Frustration was rife among the IC forwards and some dirty play was beginning to creep in. The stalemate was broken by a Terry Feam try. A movement down the right wing moved inside with Fatman in support and a badly timed pass found Feam who dived over to give IC a convincing 8 - 0 lead.

The Argentinians came back strongly with what can only be described as over robust play. After a maul in which the Argentinians were blatantly guilty of off side Austin took matters into his own hands, so to speak. Retribution was exacted in the next scrum when Austin emerged with a bruised and cut eye and was forced to retire. Only ten minutes remained but they were to be ten minutes of misery for IC. Almost immediately Buenos Aires ran in for an unconverted try. Shortly afterwards poor tackling brought a well converted try by the Argentinians and this was followed by another goal in the last minute of the match. Disappointingly IC had somehow lost by 16 - 8.

Team: B.Finney, R.Stern, M. Colter, D.Forbes, G.Clement, R.Hughes, T.Fearn, B.Bradley, R.Austin, D.Hart, K.Lipscombe, S.Booth, J.Smith, P.Robbins, M.Kilbride.

WELLSOC

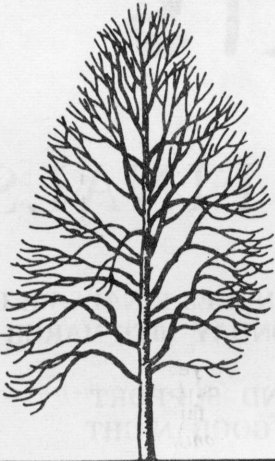
Midday Lecture:

Dr Derek Banks

"The New Cosmology and the Great Experiment"

Thursday March 13th

Physics Lecture Theatre 3
(Song Sheets Provided)



1st XV v Welsh Guards

For the second time this season the brave stalwarts of IC prepared to meet those vicious supporters of peace and learning - the Welsh Guards. Having previously drawn against a very lucky Guards side (the referee has recently been promoted for saving his comrades honour), Bradley's Boys looked forward to a more profitable result at Harlington.

The day started badly for the Bandits with the two chosen centres deciding to stay at home for tea. Rapid rearrangements followed. By 2.15 a full side was present at Harlington and watched as 'A' gave some last minute instruction on how to kick.

Three o'clock saw the score at IC - 15. Guards - 0. They still hadn't arrived. But the sun was shining so the team sat down to iced tea and biscuits.

Within the hour the rumble of a ten-ton truck (complete with cage and Major) was heard approaching.

Out of the truck climbed twelve men and their captain, Major. "Sorry we're late chaps". "That's O.K., Major-Captain". Now to get changed.

Kick-off was at 15.15 hundred hours, so it was no surprise that IC were tired from the start. The Bandits burst off to a vigorous start and completely dominated the Guard's XII I in both set and loose. Results came rapidly with Zapper running in a fine try from his own half after a well timed (?) pass from the Pot. Unfortunately no conversion.

Back in the front row, Austin was giving his opposite number a veritable lesson, who responded by kicking young Bob's knees in appreciation.

Realizing that they were in complete control, the IC pack left the field for tea and biscuits. They clapped appreciatively from the touchline as Mr T.Feam (arrived on Time) intercepted a pass and dashed down the pitch to score a fine try under the posts. Try converted by Forbes.

The Guards made a surprise come-back while the pack called for seconds. The score was 10 - 6.

The pack was then forced to return to the pitch. But no-one was really interested anymore, so the IC 1st XV beat the pride of the British Army 10 - 6. Nice one, Major-Captain.

Bradley played well again, but needs to work harder at his singing.

Team: vaguely as follows
Z.Williams, D.D.Crosswell, G. Pot, D.Forbes, B.Finney, R. Hughes, T.Feam, B.Bradley, R.A.AUSTIN, D.Harte, K.Lipscombe, S.Booth, J.Smith, P. Robbins, M.Sergot.

HOCKEY

1st XI v Barts

MCC training team in New Zealand beware ...! The cricketing all stars of the hockey club are in practice for the summer season. Arriving at the Barts ground early (makes a change) we found no opposition awaiting our arrival and so took to the cricket field. By the time Facts had turned up the score board read; IC (MCC) 5 for 10, sleepy 5, Peter Lever Maclean 2 wickets, Extras: 2 no balls (Hodge).

It was obvious from the start that IC were going to win as Facts had not supplied an Umpire and consequently according to League Rules they loose 5-0. Despite this easy victory IC set out to prove they were worthy of the two points and playing up hill in the first half pressurised the Barts defence throughout without actually scoring.

Congratulations all in order for 'Kickers' Hutsin who performed a magnificent clearance when called upon to touch the ball for his first and last time in the game. Anyone wishing to join the supporters club contact our out-of-work goalkeeper.

Half time arrived with the score 0-0 and then shortly afterwards, while IC were still noshing oranges, Barts scored from a well taken short corner. Motivated by this surprise goal IC swiftly struck back. What we had been threatening to do in the first half we did in the second. Four goals were scored in all, one apiece from Lever Maclean (Penalty Flick), Star 22, God and ----! The only forward not to score (O.A.P.) claims to have set up three of the goals .. (unfortunately he did).

Our record crowd of 5 (2 Farts) cheered us through to a memorable victory and witnessed what must be our best performance this season. How are the balls Chris?

Team: Shedson, Venushall, Gringo, Sun Tan, Penny Whistle, Stitches, Inverse Dog, Sieg Hiel, T.22., Lever, Has Bar.

1st XI v Silverwing

Last Wednesday at Harlington the 1st XI pub in a rare midweek appearance. Our first mistake of the afternoon was to arrive on time as Silverwing didn't but eventually everyone was ready for the bully off.

Tje "Führer" drew first blood by winning the toss. IC started in their usual dynamic manner and within five minutes had taken the lead through Sleepy who woke up first in time to put the ball in the net after a superb dummy by Superstrap!! We soon went further ahead when Superstrap bemused the Silverwing defence with a brilliant solo run before scoring. Half time arrived with IC in comfortable 2 - 0 lead. Unfortunately, the second half contained a few unpleasant incidents, notably when a Sil-

verwing defender decided to rearrange the shape of Hopalong's left knee cap causing him to take a brief rest. Superstrap then decided to return the compliment with the nett result that both he and the Silverwing defender were sent off for five minutes (Nice one Superstar!!) These incidents tended to interrupt the flow of the game and the match became very scrappy until the last quarter of the game when IC regained their rhythm. It was in the period that IC scored their third goal. A beautiful clearance by Tin Whistle found Hotshot on the right wing and although his cross was half cleared the hockey club's one and only O.A.P. (complete with wheelchair) was on hand to put the ball into the vacant goal.

This was once again a good overall team performance. The defence was as sound as ever with Pop-Babe having a very steady game at left back. The forwards created many chances and only some brilliant goal-keeping prevented us from scoring more than three goals.

Final Result -

IC 3 Silverwing 0

Team: Kickers, Scruffy, Pop-Babe, P.F.Ace, Tin Whistle, Welsh Wizard, Hotshot, O.A.P. (capt), Sleepy, Superstrop, Hopalong, Ump - Superstar.

Mixed Hockey

On Sunday the Mixed Hockey team congregated in the Union for the long awaited Guinness Match. On arriving at the ground a hour early we managed to get wet (It's the rain you know) before the match. In the first half IC looked the better team and the lead when Dave (I can do it too!) hard pushed the ball through their keepers legs. An amazing feat considering he was playing without his pre match pint (A great blow to him) Later in this half Tim Marshall hit the post after a brilliant dribble (Inspired by his spectator, No doubt) and left Sarah Hom no problem in scoring our second. Ignoring the incidents at half time when one of our spectators ran on to the pitch, I shall pass on to the second half. In this half IC did not look so impressive and were lucky to hang on to their lead, and unbeaten record.

After the match came the most important part of the day, the FREE Guinness and Harp lager, which Tim and Dave consumed most of the day, culminated with Dave (I feel silly Holding it) Balderson making us walk half a mile, needlessly. Thanks to Chris Parker for putting up a good performance as an umpire and player.

Team: NHarrison, S.Fairweather, F.Hackle, C.Parker, T Marshall, D.Balderson, S. Horn, A.Brewster, D.Lord, I.Coxage.

FELIX SPORT

CROSS COUNTRY

Following crushing victories over Brunch and Surrey in Uxbridge, and a best-ever performance (ell, rectly anyway) in the HPR, the X-Country Club turned its attention to UC and LSE at Shenley over their usual pasture and mud, hilly, 5½ mile steep-lechase course. Even the absence of one Ellis, I. (very formal this), laid up in drydock after an unfortunate confrontation with hard reality, could not alter the inevitable (ie we won), though it was deemed the cause of the very slow start - even Dave Payne was in the lead at one stage. The problem of the absence of a stopwatch and anyone to hold it was solved, this time, by

the Rob Allinson wristwatch, wire mash and first-home technique: this might have gone awry had he and Steve Webb been at all pushed, but the opposition was so far behind that they could just coast home. Steve was given first place in 32m 10s, his first ever win. (Pause for cheers.)

Paul Clarke was ahead of two from UC, one of whom had the misfortune to get lost on his own, course, thus giving Paul third place. Next to plough home (is this wit?) was Dave Houlbrooke followed by a right motley collection: Dave Jones, Rich Harrington, Dave Payne, Mike, Pete, Pad and, starting like all good 'uns, Mr One-Lap Hunter. There being only three to count, the opposition were somewhat overwhelmed by our taking the first three places. The same was not true in the Honorary Football Match that followed: we lost 7 - 2 despite the inspiration of sharing (almost) dressing-rooms with the Arsenal squad. Hero of the match was Dave Payne. (Three times this week, is this a record?)

Saturday, the day of the Nationals, was unusual. Where were the rain, sleet and snow we had come to expect? The National Cross Country Championships were held this year in Luton over a singularly dry course on which even the ploughed fields were rock hard, the only thing to distinguish it from Crystal Palace track being an inordinately steep hill of more than sufficient length to make anyone regret they had ever set out. In the Junior race, twice round this three mile lap, were three stars from IC. Placed well up in this three mile lap, were three stars from IC. Placed in this field of almost 500 was Ian Ellis at 251'st, finding good application for his rebalanced gyros on the downhill plough section. Even further up, in fact almost up with the famous, perhaps's and maybe's was

Rob Allinson in 131st place. Just behind the main bunch, Mike Welford put in a fine performance finishing 401'st and An Example To Us All.

The sun is well known in South Ken for bringing out crocodiles: in Luton on Saturday it attracted one 1400 people along. This was the Seniors' race: 9 miles long and three times up that hill. The great cheer at the start came not so much from the spectators but from the runners themselves at the "Charge of the Light Brigade" commentary: at least one arm was raised bearing an appropriate answering gesture. Among those actually in the race was Steve Webb finishing 516'th, a gain of 250 on his previous best and nearly 400 on last year. Somewhere among the also-ran's was Dave Jones (wearing number 999 but giving no alarm on this excursion) in 697'th position and among the almost-ran's, in 985'th, was Ian Isherwood. Tony Weir and Roman Halenko finished in the lower 700's for their clubs. And so it was over for another year, we were left only the stroll back to the station seeing the sights of Luton: e.g. Moss Bros's gasometer. At the station we were greeted with a performance by the Sugar Lump Fairies; this gave cause for Steve Webb to sprint across the bridge with amazing alacrity; twelve miles (this lad takes three to warm up) and then this well!! this speed was sadly not matched by BR on the journey home, during which there was some talk of an 8 mile run the following morning: the wise pretended to be asleep.

SOCCER

1st XI v Royal Holloway

The most important league game of the season for IC first XI took place on the 22nd when they played Royal Holloway first XI in a top of the table clash. Before the game IC were the only side who could conceivably take the league leadership from Royal Holloway and the only if they managed to win.

The game, played in ideal conditions with the sun shining and the pitch reasonably soft underfoot, started briskly with Holloway showing why they are top of the table by playing some attractive possession football, and in the early stages bewildering the opposition. As the game progressed, however, IC came more and more into the play and started using their mid-field trio to set up some dangerous moves and were very unlucky not to take the lead on a number of occasions. For long periods IC besieged their opponents half but paid the penalty of pushing too far forward when Holloway made a quick break and scored the first goal against the run of play.

The second half was a similar state of affairs with IC looking much the better team and attacking the Holloway goal relentlessly. Bobby Day had a superb effort virtually pulled out of the net by the Holloway keeper who leapt across the goalmouth to make a Gordon Banks type save. Shortly afterwards Dave Rudd, who had a good game up front, struck a perfect ball to the near post only to see it cleared by the full back who was

seen by all except the ref, to handle in the process. Refusing to give up, IC pressed even harder for the elusive equaliser, and it eventually came when Ian Postlethwaite, whose powerful runs down the middle of the field have been a feature of IC play this season, made a solo burst to the edge of the area and had his shot deflected past the sprawling goalkeeper who almost denied the lads of an equaliser again.

The last twenty minutes saw IC tire badly thus allowing Royal Holloway back into the game and but for a little bit of luck they might well have snatched victory in the closing stages of the game. The game ended in a 1 - 1 draw and IC 1st can count themselves as very unlucky not to have won. All credit must be given to Royal Holloway who are a fine footballing side and I think well deserve the league title which they must now surely collect.

On a more personal note, the game marked one of the last appearances for IC by Bob Day who leaves the college (and the football club) to go and "work" in South Africa on the 14th of this month after almost 10 years loyal service. Dr Day who claims he was football club fixture secretary in 66 - 67, (there's no one here old enough to remember that far back) has played every season while at college for the club and in recent years has been a regular member of the 1st team. All members of the club wish him well in his new "career".

DARTS

FREMLIN FINALS

THIS YEAR'S 'FREMLIN' SINGLES FINALS WILL TAKE PLACE ON NEXT MONDAY 10TH MARCH IN THE UNION BAR.

COME ALONG AND SUPPORT
SURE TO BE A GOOD NIGHT