



FELIX

IMPERIAL COLLEGE UNION, 4th OCTOBER, 1971

No. 302

FELIX GOES FREE

P. G. GRANTS

Following the announcement, in late spring, of a rise in the value of undergraduate grants comes the news that a similar rise in value of Post-Graduate Science Research Council Studentships will be effected from 1st October 1971.

The grants will rise in three steps yearly from that date as follows:—

	1970/71	1971/72	1972/73	1973/74
Students living away from home ...	£550	£630	£650	£675
Students living at home ...	£425	£485	£500	£520

In addition to this P.G.'s will in future be able to obtain a reimbursement of travelling expenses incurred over a total of £15, in any year, and the limit of other income earned by post graduates which falls into the non-deductible category has been raised from £100 to £175.

These are all items that N.U.S. have been campaigning for in the past and items on which Imperial College Union has brought great pressure, the introduction of the travel allowance proving the value of such pressure. The outstanding issue being followed at the moment is that of disparity between P.G. demonstrating fees, and the Union feels that discrepancies between one institution and another must be removed.

In the motion which Imperial College Union will put to the N.U.S. meeting at Margate in November, they will be wel-

coming these recent successes whilst stressing the fact that they are still insufficient. The major point which still needs stressing is the need for a re-evaluation of the method of calculating the S.R.C. grant. The method used at present has the following structure, the amounts shown being those for 1970-71:—£380 basic for the period of undergraduate attendance with an addition of 17 weeks at £1 a day and a general £50 allowance on top of this, which all rounds up nicely to the present £550.

Post-graduates still do not get a London allowance and most important is the fact that the expenses incurred in the production of their theses have to be taken from their maintenance grant which has no specific allowance for this. As in some cases this can amount to £100, an additional allowance in the final year's grant or a separate money allocation for this purpose is imperative.

The whole method of evaluating P.G. grants at present does not take into account the fact that undergraduates have 20 weeks of holiday in which to supplement their income, a privilege not open to P.G.'s.

I.C.U. will be trying to highlight these deficiencies at Margate but your support will be needed to carry these proposals through and also to check any government attempt to introduce a system of loans for post-graduates.

PIERS...

College Political victimisation fails

Felix is pleased to report that the physics department have not succeeded in throwing out Piers Corbyn, left wing former president and editor of SENNET.

During the summer a battle has been raging between Piers and the physics department over the possible withdrawal of his grant, for the coming session. The struggle began in July and has involved in addition to Piers and college, the Science Research Council, for whom Piers obtains his grant, ICASTMS, Imperial College Union, NUS and a few others, all of whom took up Piers' case. The battle has involved mounds of communication between the various participants and all concerned must be praised for the way in which everything was so amicably carried out.

Piers has been at college for three years as a PG one

of which he spent as president and the other two of which he was supported by SRC to do research.

On July 7th he was told by his supervisor that his "academic performance during the year had not justified a recommendation to SRC that his research studentship be continued for its third year", but that he could finish what he was doing and submit it for a DIC and M.Phil this October. These two statements were later confirmed in writing by a letter to Piers from his head of department Professor Matthews on July 13th.

Assurances

Piers appealed against the decision and on July 8th gave assurances to college that he would finish the work for his Ph.D. by October '72, even though PG's are not

Continued on page 8

PHALLUSY TIME

It has come to the notice of FELIX that a certain Union official, during the installation of those notorious machines in the Union bog, received a not inconsiderable number of free samples from the London Rubber Company. FELIX are sceptical as to whether these will be put to use. That is, other than blowing them up as balloons! We wonder whether any Union official will be able to negotiate a sufficient discount on these items in order for FELIX to arrange a free gift this Christmas.

IMPERIAL GASCOIGNE

Apparently, Granada Television have been rash enough to invite a team from Imperial College to participate in University Challenge. Four team members plus one reserve are required. Budding intellectuals should give their names and addresses to Linda in the Union Office. Granada will also arrange a free trip to Manchester for supporters, 40 in number, to watch the recording. Applications also to Linda.

BRUSH OFF

As the tortuous channels of communication reopen, FELIX has received a request, via the Registrar at R.C.A., the Domestic Bursar, and John

McCullough, in that order, that I.C. students should not in future use the refectory at the Royal College of Art. Apparently, R.C.A. students object to queuing longer, particularly since the vast minority of I.C. students made any effort to integrate in the minutest sense. Freshers may be interested that R.C.A. salads were economical, and a very pleasant change from Mooney's.

W.L.S.A.B.

This means the West London Students Accommodation Bureau. This autumn in the Union Office Mike Muller (ex I.C.) has been running a service unrivalled anywhere in London

—an Accommodation Bureau for students not run by a couple of old ladies (mentioning no names). After placing advertisements in several local newspapers he has obtained a vast number of addresses of flats, bedsits and digs which he has been dishing to students and the like at the rate of about 30 a week. He still has many addresses especially digs so if you are still without a place to live pop into the Union office and see him.

TENANCY SCHEME IN RAVENSCOURT PARK

The College recently acquired the leases of eight flats in Ravenscourt Park

(two minutes from the District line tube station). The flats are in excellent condition and are generally better than those that students would normally find.

Each of the flats has two cookers, two sinks, two bathrooms, a refrigerator and similar furnishings. Fifty-eight students will be housed, mainly in double rooms but there is also a small number of single rooms.

This is only a pilot scheme and it is hoped that if successful there will be a large expansion into this form of accommodation as there are no building or planning worries.

A further advantage is the complete freedom that the scheme allows the residents—there are no wardens or sub-wardens.

FRENCH LETTERS TO THE EDITOR

Complaints regarding the aforementioned machine and the contents thereof should not be addressed to the editor of FELIX who wishes to stress that he is in no way responsible. He also denies that FELIX will be running a controversial "French letters to the editor" column. Next week: FELIX Consumer Unit reports. Coming shortly: Road Test.



News
in
Ber
e
f
s

Editorial

Welcome To All Felix Readers

This year sees a major change in Felix as you no longer have to pay for it. This means that the few of you who actually paid for it before can save your money, and the majority who used to pinch it anyway can now do so with a clear conscience. In order to recover our small losses due to lack of sales income, and a larger print order of 2000, we are restricting each issue to an eight page format. The editorial staff will therefore be able to exert more critical influence on what they print, which should lead to a higher standard of Felix during the coming year. If you have any information about your club, society, or team which you think is worthy of inclusion in Felix, then please drop it in to the Felix rack in the union building, or give it to Dave Sugden, Maths II, who will edit Felix this year. Felix at this time of year is always short of staff and this year is of course no exception, so if you would like to join Felix for the coming year look out for our stand on Freshers Day or come along to press meetings which happen on Tuesdays and Thursdays at about 12.45 p.m. in the press room at the top of the Union building (Int. 2881).

I would however like to point out that although the editor always welcomes articles he reserves the sole right to decide what articles will be included in Felix and whether an article should be cut or lengthened to fill the available space.

Finally I would like to wish Dave Sugden and next year's Felix staff the best of British luck because by God they need it.

John Rogers.

* * * * *

This issue of Felix, the newspaper of Imperial College Union, was edited and produced by John Rogers, with assistance from John West, Tony Kirkham, John McCullough, Jane Cornish, Mike Griffiths, Tony Sims, et al. The next edition will be edited by Dave Sugden, Maths 2, Beit Hall. The article on pages 4 and 5 appears by courtesy of Felix, copyright 1969, edition 280. The advertising agents are University Press Representation, Grand Buildings, Trafalgar Square, London, WC2, the printers are F. Bailey and Son Ltd., Dursley, Gloucestershire, and Felix is published by the Editor on behalf of Imperial College Union Publications Board, London, SW7 2BB, (01) 589 2963, Int 2881.

COLCUTT

Right. Now you know.

Don't blame me, you decided to come here, it's not my fault, if you'd asked me I'd have told you, but you probably wouldn't have listened, it's your choice, nothing to do with me.

What's that, John?

Oh yeah, I forgot. Sorry.

Welcome to Imperial College! Get yourself settled in, have a good look round, this is a fantastic place! You'll have the time of your life here! Make yourself at home you lucky people!

O.K.?

Right, well, as I was saying, what you do now you're here doesn't make any sodding difference to me, or anyone else for that matter, so I don't see why I should waste my time playing silly-buggers to welcome you, but it won't do any good complaining or asking you all to piss off, so I'll get on with it, I suppose.

Have you all got somewhere to live? Easy! You should find yourself a nice little self-contained beautifully furnished flat less than a mile away from college for a couple of quid a week; that will set you up nicely for a good year's uninterrupted work! Of course you might find yourself one of the small majority of students living in a rat-infested cupboard two hours from college, complete with hot and cold running damp, with half your grant going in deposit, but that's your hard luck, mate, sod off and commute from somewhere cheaper. Like Uxbridge. Or Brighton.

'Colcutt' is the pseudonym under which a Union personality, known only to the Editor, writes in each issue of FELIX.

Social life? No problem! Enjoy yourself any way you like, indulge your every whim. What are the Union, the clubs, committees, for but to help you relax as you want to? You do like drinking and watching TV don't you? It don't bother me if you don't, please yourself. Mind, doing ten hours work every night to keep yourself on a pass degree might interfere with your social life, but wait! Your Union is there to protect your interests! And believe me, if the Union this year is only half as effective as it was last year, it'll be twice as effing useless.

A go-ahead personality! Immerse yourself in Union politics, become one of the people in the know! It'll bugger your degree up no end, won't make you universally loved, but if masturbating in public's your cup of tea, that's your business, you won't be alone, just keep away from me, OK?

What else? Some people like it here. It's got some good points (like the end of term —Ed.). It's near the Albert Hall. And Hyde Park. The welfare facilities are pretty good, and the beer's not bad. And remember, if you have any problems, anything on your mind, any worries or complications at all, don't hesitate, don't be afraid, go and find someone to talk to, anyone, I don't bleeding-well care, just don't sodding-well get in my way.

I don't know nothing about it, hear, it ain't got nothing to do with me, SOD OFF.

At last the 1971

McLooge Show

No doubt, for freshers, your first week or two in College will show what a lot the Union has to offer, both of a social and Recreational and of a Service and Representational nature.

Old lags will know this already, but they will recognise that there is always more to be done—some tasks concern old thorny problems, others concern newer ones, but none are for that of lesser importance.

Optional Diversification

This is the problem (i.e. to get it) that has been with us the longest, and if we do not press hard will stay with us the longest. Many of us have found ourselves trapped, not realising the full meaning and narrowness of specialized "education"—often a soul-destroying repetition of lectures and practicals and facts and figures on the same subjects with no attempt made to relate them to the outside world and especially poorer developed areas where such knowledge could be put to great use. A few professors and lecturers are trying, but this should be COLLEGE POLICY—we've got to show our continued support for them, and aid them.

The Exam System

is very closely related to the above. Initiative is needed to help move away from three hour hit-or-miss exams, and the rigid lecture system to one incorporating assessed projects, tutorials, open book exams, and maybe eventually continual assessment.

Representation

is a means to getting some of the important ends listed above. Much has been achieved, but important power pockets of resistance, secrecy, and regression must be opened up. All decisions must be taken by the college AS A WHOLE. We must use what representation we have better, in order to get our desired aims—make sure it's YOUR things you want us to do. Come and tell us when we do not—everyone to the Union Office.

Come round for a chat sometime. I'll try to definitely be in the Union Office (Beit archway, INT 2488) every Friday afternoon, to hear what YOU want so say. After all, that is what is important round here.

John McCullough.

LETTERS TO THE EDITOR

are always welcome, and should be placed in the Felix rack, Union lower lounge, by noon on the Wednesday before publication. The copy date for the next issue is Wednesday, 13th October.

IMPERIAL COLLEGE

COMMEMORATION DAY

Thurs. 28th Oct.
Royal Albert Hall
2-30 p.m.
Entrance free
without ticket at
the main door

- At 12 noon the Commemoration Day Service will be held in the Great Hall, College Block. Address by Miss Pauline Webb, Vice-Chairman World Council of Churches.
- All day Conversazione; the buildings of the Royal College of Science will be on view to visitors.
- Special Visitor: Mr. D. Nicholson B Sc (Eng), FCGI, C Eng, FIMechE, FIProdE, FBIM, FRSA, former Student, now Governor and Fellow of Imperial College.
- Report on College by the Rector.
- Presentation of Associates, Diplomates and Fellows of the College.
- Tea, for students, will be served in the Union. Tickets free of charge from Union office.

USK RAG '71

This year, in common with previous years, I.C.U. is again running a fund-raising appeal in aid of charity. The usual solo-effort has been superceded this year by a combined attack on the pockets of Londoners by I.C.U. and other College unions in the area. Another unusual feature about this year's appeal is that the emphasis has been changed from street collections to the massive sale of Rag Mags and to other more profitable fund-raising efforts. The culmination of the appeal will be a rag fortnight in February.

In addition to I.C., the other Colleges involved in this effort are Byam Shaw School of Art and Painting, the Institut Francais (I.F.), Queen Elizabeth College (QEC), Maria Assumpta College (MA), Royal College of Art (RCA), Royal College of Music (RCM), and the West London College.

Each College will have its own rag committee which will be responsible for individual efforts, but in addition there will be a co-ordinating committee consisting of representatives from each College. The combined effort will be called S.U.K.

Those Responsible

The USK Rag Committee will have its offices in the former Committee Room B, at the foot of the east staircase in the Union Building, conveniently near the Union Bar. This room doubles as the I.C. Rag Office, where

may be found such stalwarts as Rob Armitage (I.C. Rag Chairman, and the USK entertainments co-ordinator), Pete Clark (Treasurer), and Phil Jeanes (USK Stunt co-ordinator). Any of these will be pleased to welcome any offers of help and/or new fund-raising ideas.

This year in addition to Tiddleywinks up Oxford Street and a Channel swim (?) There will be an excellent rag mag to be sold as a focal point for other activities. There will be a Rag Fortnight from February 19th to include a rag walk, Ragballs, concerts, etc. But collections and local stunts will take place all year to finance the escapades of rag fortnight.

Charities

The money raised will be split in the following way: 16½% goes to each of: NSPCC, Multiple Sclerosis Society, Mental Health Trust, Beauchamp Lodge Settlement and the St. Mungo Community. The remainder will be split 2½% each to Advise, Release, St. George's Men's Care Unit, Notting Hill Housing Trust, Cobden Trust, Samaritans, and Westminster Human Rights Committee.

So it's up to Rob, Crimsoc... and YOU! Licences and collecting tins available lunchtimes in Committee Room B.

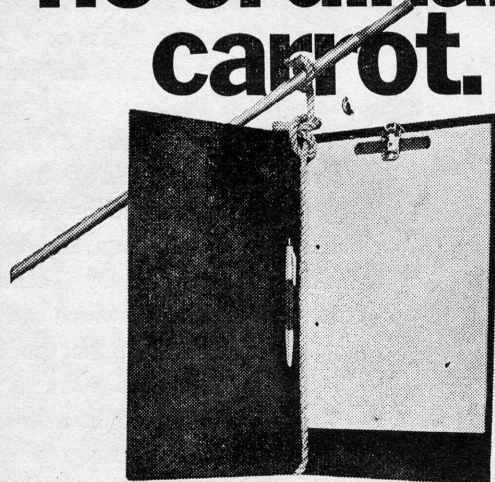
ROB ARMITAGE.



A memorable event from a previous C carnival effort, which raised over £4,000 for the Westminster Council for Social Service — The Gorilla invites itself to the David Frost Show.

STUDENTS!

This is no ordinary carrot.



This notebook cum folder cum writing pad cum penholder is Barclays free gift for students who open an account with us in 1971.

No bank charges for you, either, provided you keep your account in credit. Call in soon.

BARCLAYS

a good bank to get behind you.

Academic Affairs

This article by Ian Mackenzie, I.C.U. Academic Affairs Officer, is aimed at clearing up the great "What is Academic Affairs?" mystery.

Academic Affairs is a subject of student activity that on the whole receives very little publicity, yet it is the one area that concerns and involves every student, whether u.g. or p.g. In the broadest sense, it covers everything to do with your education here at Imperial College from straightforward complaints about a poor lecturer to fundamental questions such as "Should we be getting a more specialised or more general education?" or "What should be the scientists' role vis-a-vis the community?"

STAFF/STUDENT COMMITTEES

One of the main concerns is collecting students' views and putting them across to the staff. The heart of Academic Affairs is the STAFF/STUDENT COMMITTEE (one in each department) where staff and students discuss any departmental matter from an unsatisfactory course to the provision of common-room facilities. Staff are always willing to hear suggestions for improvements and numerous changes in courses are made yearly as a result of student opinion.

Each u.g. year has at least one ACADEMIC REP on this committee (the first year elect theirs near the end of October). He should be constantly probing you for your views and keeping you informed. In addition, there should be at least one p.g. rep on the committee—to enable p.g.s. to become more involved—and two other students:

The first is the I.C.U. Departmental Rep (one for each department); he (or she!) is the main organiser on the student side and resident 'expert' on what's what! The second is the Constituent College Academic Affairs Officer,

What? Who? Why?

who sits on all the S.S.C.s in his college, and hence co-ordinates their activities.

Finally, it's my job to co-ordinate the whole lot through the I.C.U. Academic Affairs Committee, which has the three Constituent College Academic Affairs Officers and all the Department Reps on it. This is where overall student policy is formulated.

REPRESENTATION

On a wider front, I.C.U. has gained a good deal of representation in the last two years on important College committees. For example, the President and the four Academic Affairs Officers are on the BOARD OF STUDIES, which, chaired by the Rector, decides basic Academic policy for the College. We're now beginning to use these opportunities properly to put over student views at the highest level. And so, albeit slowly, students are becoming more involved in future plans for Imperial College.

The other side of Academic Affairs is to encourage you to think more about your education, and one of the major issues in the last couple of years has been student pressure for the option of a less specialised education.

To try to stimulate some greater interest, we're organising a series of three informal lunch-time discussions (tea and sandwiches available) to be held in the UNION SCR (that's above the lower lounge) at 12.30-1.30, on Friday 15th, 22nd and 29th October. The first one's called "THE SCIENTIST IN SOCIETY"—there will be two speakers. So come along, Freshers and old lags alike!

FRIDAY 15th OCTOBER 12.30 UNION S.C.R.

FELIX GOES TO PRESS . .

Born in a beery, smoky hole, or perhaps several, mishandled by illiterate students, how does FELIX ever reach the newstands?

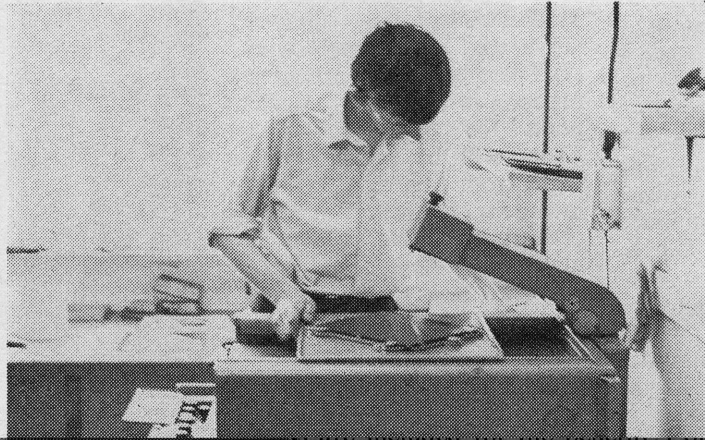
The initial preparatory work on the next issue is due to start the Thursday the previous FELIX finally emerges by some miraculous process. Throughout the following week articles trickle in, are sub-edited and sent for typing. The page layouts are concocted and sent by special messenger (G.P.O. for short) to our printers, Baileys. The type is then set, the proofs returned for checking and finally FELIX is printed to reach us on the Wednesday before publication. Felicity is churned out on the Wednesday, collated into FELIX, and the finished literary masterpiece is unveiled.

That is the theory; now for the practice. O.K. Day one is the day of recovery and conception; the editor sits in the press room with the rest of his staff, scratching his head and saying "Well lads, what shall we put in the next one?" This process continues sporadically between pints until the weekend when the first pages have to be sent to Baileys.

At this point the press room telephone glows red with constant use as the reporters and other contributors are chased for their articles. When the articles, mainly features at this stage, finally arrive they are sub-edited and typed, then the fun starts.

The articles, now readable, are proof read and instructions relating to size and type of print, column width and other mysterious instructions are included for the benefit(?) of the type setters. The layout

On arrival at the printers the photos are separated from the copy and sent to the room shown below. In this photo the machine operator can be seen setting up the raw material for making a photographic block. The photo is placed under the plate, and the machine arm is lowered. Hey Presto, ten minutes later, a plate, wonderful stuff this science you know.



PROOF CHECKING
& NEWS PAGES...

On the Sunday before publication the sports, features, letters and editorial pages are returned in proof form. This is when we realise what a mess we made of the initial layout and articles are again expanded or cut to get them to fit.

At about four o'clock on Sunday when this stage is finally completed the work starts on the news pages. The editorial staff can be again seen scratching their greying heads and asking what happened during the week that is interesting and printable. At the same time as this is happening, the photographic editor is busily trying to transform the vertical pictures to fit horizontal spaces and vice-versa.

The final pages then begin to shape up by a process not dissimilar to that of the first pages. One member of the staff is then detailed to entertain the printers' representative, our great friend Mr. Milsom, while this process is completed with great haste. He then transports the pages to the printers who bring these ten days' work to harsh reality.

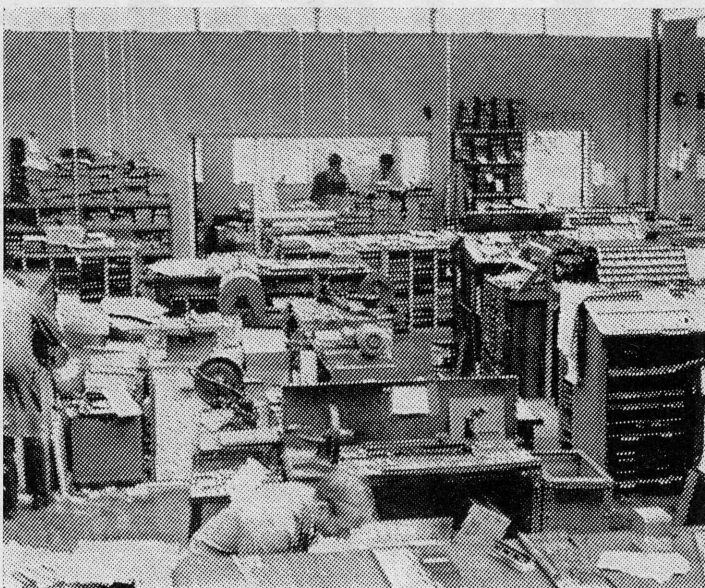
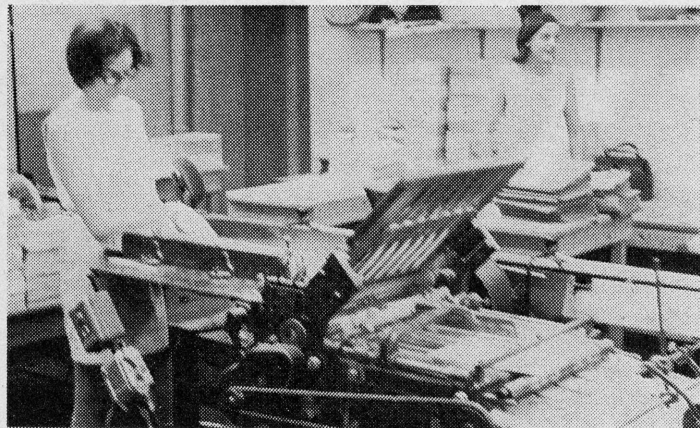
The photos below show various views of the printing machines which produce FELIX. The process is described in the captions below the photos.

The photo below shows in greater detail the process of setting up the type, photos and adverts in the frames ready for printing. Each frame contains two pages so in fact this whole article has been set in a frame as shown below. The person in the picture can be seen setting the clamps contained in the actual frame which hold the material firmly in position during printing.



When the pages have been printed they have to be collated together to form the newspaper. The photograph below shows the folding machine used to fold the double pages in half. The girl in the photograph can be seen feeding the printed sheets into the machine by hand.

The photo on the right is a general view of the workshop where the type is set. The news pages thus follow the same process as the earlier pages but are not returned for proof reading because of lack of time, instead they are checked for any obvious



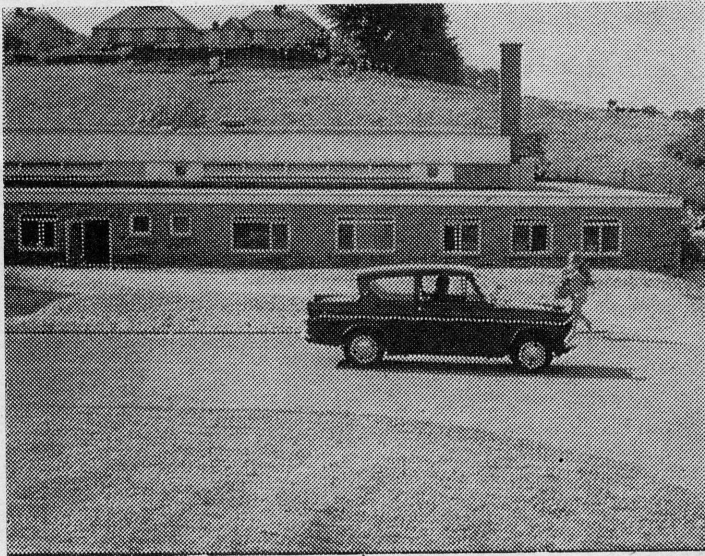
errors at Bailey's. Greater care is therefore needed over the last pages to try and ensure they fit the available space.

The picture below shows the exterior of the printing works of F. Bailey and Son at Dursley in Gloucestershire.

The two thousand copies of FELIX are finally completed by Bailey's on the Tuesday and Wednesday before publication and transported to London by the illustrious Mr. Milsom.

AND FINALLY
TO YOU...

During the Wednesday afternoon and evening the unfortunate Editor of Felicity works his fingers to the bone, collecting and, where necessary inventing instant news to fill Felicity. He then embarks on a mini version of the preparations for FELIX, but as he is also the printer things are a lot quicker, especially if he gets some assistance.



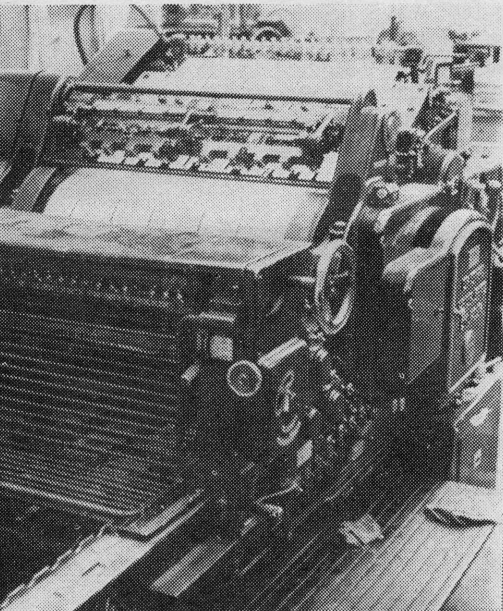
Vast quantites of paste letraset and limitless supplies of patience are poured on to an odd scrap of paper. This is turned into a stencil which looks surprisingly tidy by comparison. Now into print. The revered old Felicity head stencil is exhumed from the archives behind the dustbin and virgin paper is deflowered with the contents of FELICITY.

The final glowing masterpiece, still hot from the presses, or duplicator as we call it, is collated, along with any pieces of advertising bumph we have been given, into its parent paper.

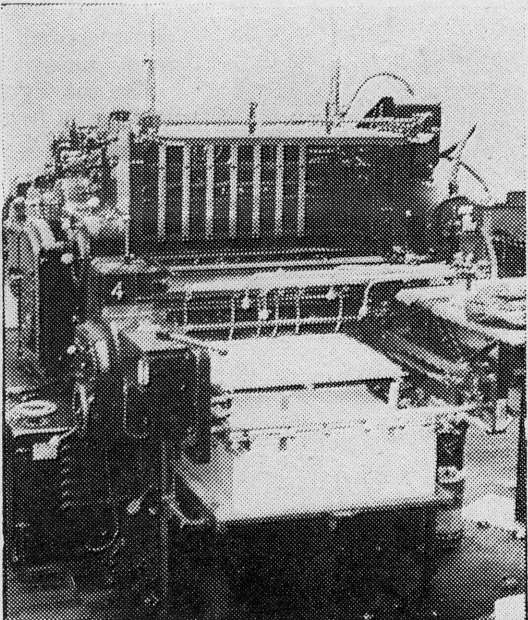
Bundles are now assembled in mysterious fashion, by the circulation people, and the beautiful creation at last graces its newsstands in the deserted hours of early Thursday.

You now give it a brief glance, before making it into a paper dart, or if you are one of the rare ones, actually read it. If it interests you, perhaps you will do your bit for the next issue by contributing something from your club or society, or even, as a last resort, joining our staff.

So if you feel gifted with writing ability, you own a camera or have some knowledge of developing, or both, can brew tea or fetch beer from below, then come along to a press meeting and say so. These are on Tuesday and Thursday lunchtimes, at about 12.45. So anyone can come and do a little — there's always plenty to do !

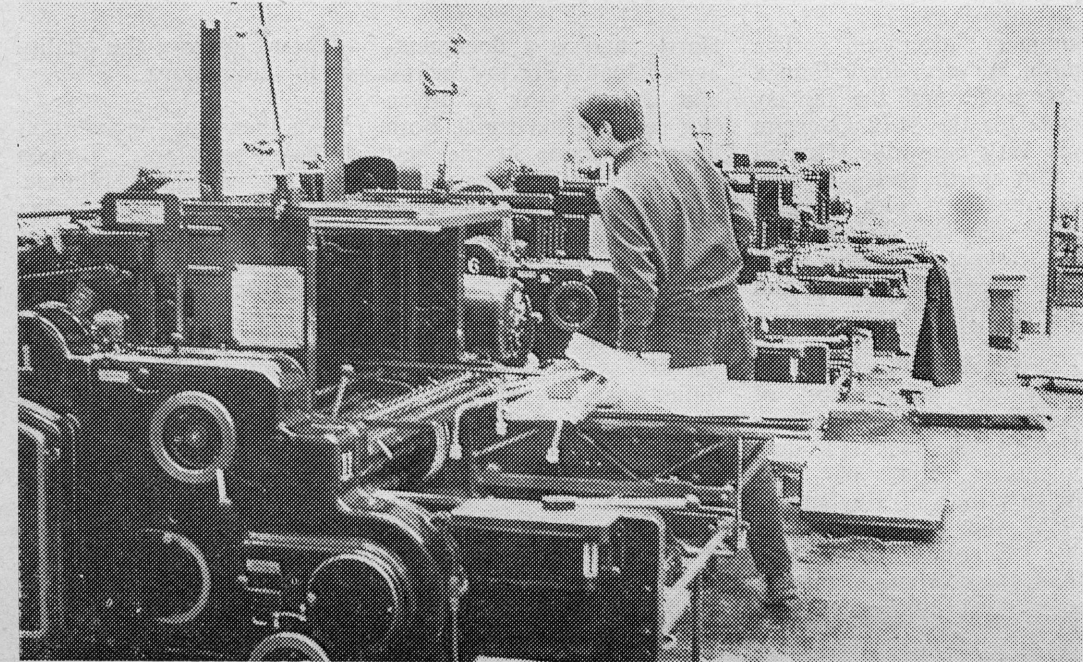


Behind the protective grill the pages of type reciprocate under the printing cylinder. The cylinder, complete with sheet of paper, is in the centre of the picture. Above this is a sheet of paper "queuing up" to be printed.



Here at the back end of the machine, the board at top holds the unprinted sheets. Above the pile, the last sheet to be printed is about to descend.

A battery of the German 'Heidelberg' letterpress printing machines.



Tuesday, October 12th, 18.00 hrs. Union Upper Lounge. SEASOC Freshers' **Sherry Party**. Food and drink (fruit juice also available). ALL welcome.

Worldwide Occult, Witchcraft introductions, etc. All ages. S.A.E. without obligation to:—
PARAGON
The Golden Wheel
Liverpool 15
Lancs.

LAMLEY'S

A
M
L
E
Y
,
S

for your —
BOOKS
ART MATERIALS
PAPER BACKS
STATIONERY

*

1 EXHIBITION ROAD, S.W.7

Boat Club Successes

The Boat Club have been extremely successful over the last season, and have accumulated a vast amount of silverware for their efforts.

In the University of London Allom Cup regatta IC overwhelmed the other constituent colleges to win five out of eight points. In the Open event, the Allom Cup, a very strong IC crew containing Four Purples made easy work of Middlesex Hospital and U.C.&H. In the Junior division the going was a bit tougher, the 2nd VIII holding off Guys Hospital to win the Roderick-Hill trophy. The highest number of entries was in the Novice

division, where IC beat the favourites Middlesex Hospital and then went on to win in the final against Q.M.C. and Guys. The final was a most traumatic affair with 6 catching a crab 30 seconds from the finish, but IC recovered their composure to win by 2 lengths. IC also won the coxless IV's and the pairs.

The outstanding crew in the club have been the 2nd VIII who through the determination of their captain Andy Hill won Juniors at Brent regatta, after having picked up U.L. Juniors two weeks previously.

Victory also came to the

1st VIII in the Metropolitan Regatta, where they beat Westminster School and London 'B' to win the coveted Forster Cup.

In coxless IV's IC won at Cambridge Regatta. The crew was: D. H. Bardsley, P. Rowley, B. Mc Doual, C. Nicholls.

The results of the internal regatta were as follows:

Pairs: D. Sorton, V. C. Spencer. Senior Sculls: A. Ponsford. Junior Sculls: H. Evans. Novice Sculls: S. Rotherham.

New members will be made very welcome, no previous rowing necessary — and coxes too. **B. N. Black.**

Water-Polo in Yugoslavia

The Yugoslavs won the 1968 water-polo Olympics. They also have an exquisite coastline bordering the Adriatic Sea. What better place could there be for an enjoyable holiday and an opportunity to see some very professional water-polo. With this in mind, the I.C. water-polo club arranged for a ten day tour to Yugoslavia in mid-August.

Water-polo is a passion in slavic countries. In Yugoslavia, it ranks second to football as the national

sport. Every child living by the sea or near a pool will eventually come into contact with this sport. Therefore it is understandable that the quality is very high and that much can be gained from contact with Yugoslavian teams. I.C. did not win very many matches during their stay. However they did learn a great deal from some very high class players. The advice and suggestions were given freely and most of all enthusiastically. Improvement was visible over the period of our short ten day stay. It consisted mainly in a rearrangement of our priorities. To play good water-polo, three qualities are desirable in a player: good swimming, good ball handling and good shooting. Over and above this, a team must be able to play a coherently and cannot rely on individual superstars. Most British teams have good individual players but seem to lack the skill of playing as a team. I think this fact was demonstrated quite clearly to us during our stay.

On the lighter side, what is there to be said about our holiday? Oh the usual I guess: blue sky, sunshine, clear cool water, good food, cheap wine, all that sort of thing.

One last thing. In Yugoslavia, you may be surprised to learn that it's difficult to get a seat to watch a water-polo match unless you come very early.

Marc Garneau.

Summer Conferences

Each year the main lecture theatres in Imperial College are let out to various noted institutions and societies so that they can hold their annual get-togethers, and the College can make some money. Among the more interesting was the 2nd World Conference on Smoking and Health. This attracted several noted people, including Tory Minister of Health (what about school milk?) At the end of the week of lectures an International Campaign was launched against smoking (retiring editor of FELIX please note).

Another conference was entitled Disaster Technology. It was run by an I.C. student John Murlis, who had been to Bangla Desh doing relief work. Whilst there he felt that there were several inadequacies in the work being done by the so called relief organisations out there, and so he and other students started a group called the London Technical Group to investigate the many problems facing these organisations.

One conference, which slipped by almost unnoticed was one sponsored by NATO. It seemed to be a gathering of all the world's greatest Uranium geologists. In a time when there is increasing opposition to military research projects at I.C. perhaps it would be a good idea if the organisations using I.C. facilities should be vetted to see if their aims are in agreement with those of the students.

John Sommer.

SITUATIONS VACANT

Large numbers of oarsmen are required by I.C. Boat Club. Apply to the Boathouse, Putney.

Articles for the sports page of the next FELIX must be put in the Felix rack before noon on Thursday, 21st October.

FELIX FILM REVIEWS

'Soldier Blue' is one of those unfortunate films that every time it opens its mouth it lets out a cliché. The final massacre is a mixture of 'The Wild Bunch' stylistics and crude close-ups of amputated limbs and dripping gore. Symbolic massacre aside 'Soldier Blue' is a fairly average Western with almost two hours of yawn producing celluloid.

It's a shame about Luchino Visconti being such a variable quantity in the Cinema: his last film, 'The Damned', was a very bad film but his latest film, 'Death in Venice', is a masterpiece. The excellently

filmed story of a German composer's (Dirk Bogarde) emotional attraction to a young Polish boy (Bjorn Anderson). The film is beautifully photographed, acted and directed. Dialogue is kept to a minimum and the attraction between the composer and the boy comes over very well even though they never speak to each other. Altogether the decaying splendour of Venice in 1911 is the atmosphere that Visconti has managed to capture in this excellent film.

I'm sure that Tchaikovsky wasn't as troubled by sex as Ken Russell portrays him in his film 'The Music Lovers'.

His story attributes all his problems to his sex life. But ignoring the basic premises of the script the film is very good. It is in no way as good as 'Death in Venice' but it was a very good film. Ken Russell is a relative newcomer to films coming from television where his films on other composers also used the same basic premise as in 'The Music Lovers'. His grasp of film techniques is excellent and he has used them to the full. Yet his handling of one major incident in Tchaikovsky's life (his attempted suicide) where he changed the attempted drowning on a bitterly cold night to a short paddle on a

Summer afternoon. The music is very good (but a little loud) and the fantasy scene for the 1812 Overture was very enjoyable. Overall a film worth seeing if only to compare it with the proposed film on Tchaikovsky which ought to be very similar to 'Song of Norway' and very Hollywood-ish.

A couple of films that are really for aficionados of the stars: Pennebaker's 'Don't Look Back': the documentary film of Bob Dylan's tour of England in 1965. And 'Joan' (American title 'Carry it on') about Joan Baez or more particularly her husband David

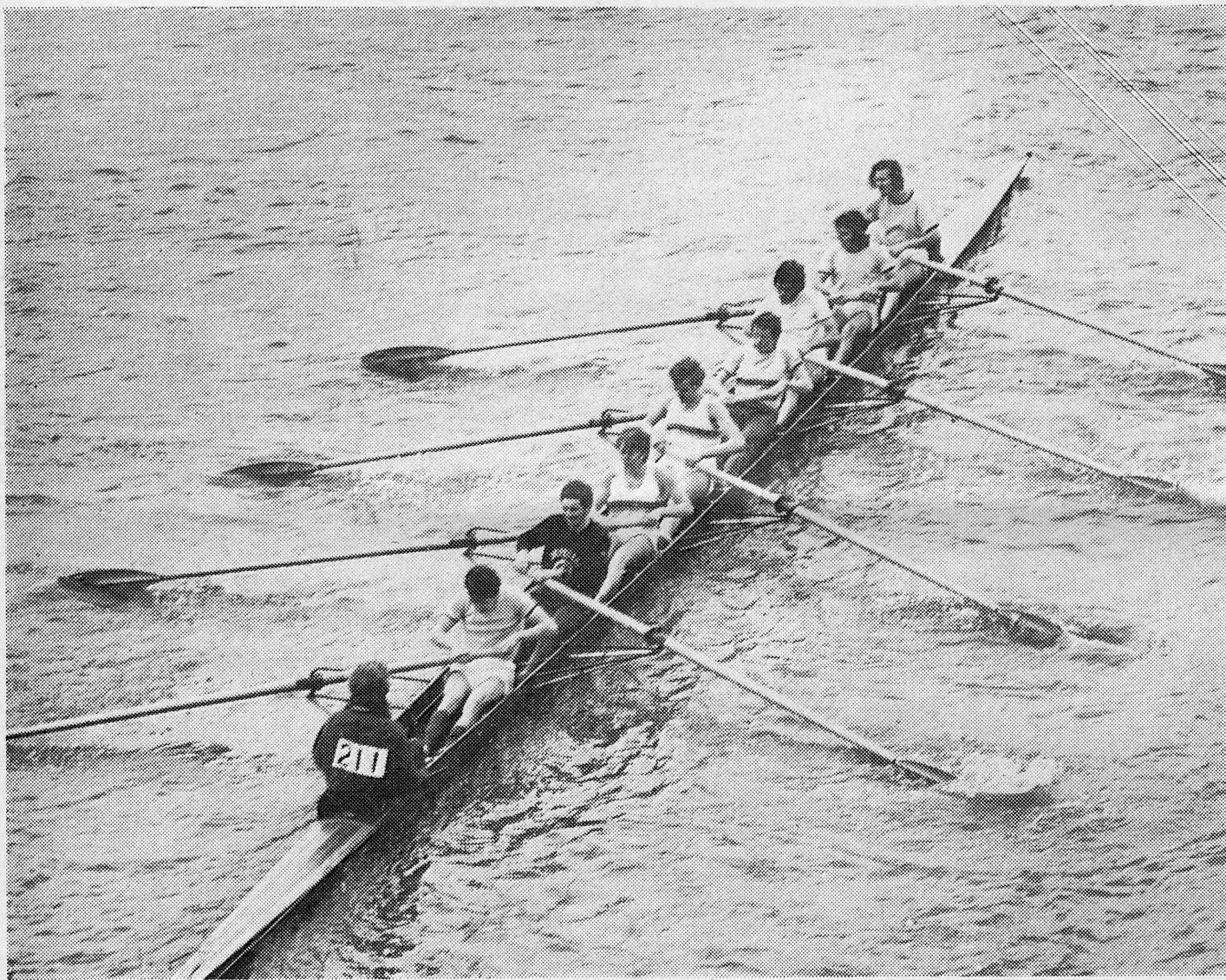
Harris, and is a documentary of Joan's life just before and after he went to prison (for resisting the draft). Both films are made in the best tradition of cinema-verité. This is where you have to really like the artists, because you can't hear the dialogue for most of the time; a lot of the dialogue in 'Don't Look Back' was, apparently very amusing, and I didn't hear a word: a lot of the dialogue in 'Joan' was very meaningful and again I didn't hear a word. I'm not complaining about all the cinema-verité techniques; the camera movements can be very effective, but it wouldn't take too much

effort to improve the quality of the soundtrack.

Another very good film I have seen was 'Bronco Bullfrog' which as Filmsoc. members will know (when they join!) is being shown at I.C. in February. This was yet another film that was ignored by the distributors. I shall review the film nearer the showdate because the chances of seeing it in a commercial cinema are very slim, but it is well-worth seeing so go to see it when it comes to I.C.

John Bryan.

(Chairman Film Soc 1971-1972 FELIX Film Critic).



THE FUTURE OF I.C.

Probably one of the most complex of problems today is planning for an uncertain future. Even in the simplified case of our own college, the problem can be taken to almost unlimited depths. How does one allow for technical innovation or the whim of some future group of school-leavers, neither of which follow well-behaved curves. Thanks to the writers, who in their own way, give valuable pointers as to what IC can expect.



... From the Man at the Wheel

Lord Penney

Felix gave me some holiday homework and asked me to write about the future of the College. Two methods are commonly used as an aid to planning for the future. One is to take data from the last few years and project a growth rate. The other is to make a "market" survey. Both methods are fallible. Projections of total U.K. fuel demand have gone awry; and we are all watching to see if Concorde will achieve its predicted market.

A market survey about university places would estimate the numbers of school students each year reaching present university entrance standards. It seems to be generally agreed that over a decade the numbers might double. There is little prospect that the number of university places will double over ten years—the capital cost is too great. Pro rata, Imperial College could grow by more than 300 students per year compared with an average of 130 per year over

the last few years. We have been given general guidance to plan for 210 extra each year and slightly to reduce the proportion of postgraduates.

So the College will grow steadily. More interesting, perhaps, is whether the College will change from its strong departmental structure with highly specialised courses. In spite of the many changes since I was a student, the ethos of the College has hardly changed at all. The majority of our students have always wanted a specialised course and have been willing to work hard for a good degree. They have expected, and usually obtained, a good job using their speciality. There is now, I believe, a need to broaden the options, to have more interdisciplinary possibilities at the undergraduate level, to integrate some of our groups (e.g. biology) into Divisions or Institutes, with some common courses and also, within the limits of our finance, to provide more carefully chosen courses in some fields outside science or technology. We must, I suppose, continue to have the honours degree with its classes for the fore-

seeable future but we should extend the basis on which the assessment is made, in the directions some departments are already moving.

If the national economy deteriorates, the resources available to the College will be reduced but these educational changes should go ahead. The present industrial recession is partly connected with changes in the pecking order. The technical society in which we live has many sensitive spots where pressure can be exerted on the system. However, the modern industrial state could not survive, with its population numbers and its standards of living, without efficient and progressive technology. I therefore cannot visualise the technologist and the applied scientist losing the influential positions they have today. The College will continue to have national importance. Less certain is whether we can fill all our places with good students willing to make the effort which science and technology demand.

The next few years will see further liberalisation for student participation in central and local College affairs but we must surely avoid the extreme positions taken in some other countries, where sooner or later academic quality is bound to suffer.

The most serious College problem where no complete solution is yet in sight is student accommodation. We need an extra 400 places in six years time. Money given to the Appeal will enable us to provide at most only half this number. Apart from this, the College can look to the future with considerable confidence.

... Rests in the Hands of Those Who Care

says H. Fairbrother

There are those who 'care' about developments for personal reasons . . . It was Professor (now Lord) Blackett who I believe coined the title 'Professorial Barons' and this labels some of those who care for personal reasons. There are those who glory in their subject . . . I have heard a senior Physics Professor say: 'If Physics students have any spare time, then they should use it for doing more Physics' . . . and this affects the development of Imperial College. There are those who care for Imperial College as part of their job and the results of their efforts are seen in the new buildings. Regrettably these are too small. A size nearer to 20 stories is needed for each technology to provide a balance in space between new

and growing points and old and dying points. The Safe Loading Weight for the new buildings is 1 cwt./square foot and if this is forgotten and if the buildings fill up with persons and equipment, it could be that one day many of them will fall down.

It may be thought that there are only a minority who 'care' but this is not so. All over the College people show that they care by adding personal touches to offices, workshops, stores and labs . . . these are everywhere, from the pinned up cartoon, that is pertinent to somebody working nearby, to the exotic plant, that thrives on the central heating. Over the years the hierarchical system in Imperial College has exerted direct and indirect pressure on in-

dividuals to prevent them from doing anything about the development of I.C. It is only recently that this pressure has been blocked and the voice of those who care about the people forming I.C. Community has become strong.

The future of I.C. lies with this latter group since they face up to the basic need of life. Consequently assuming this is so, it is likely that in 20 years time, I.C. will start to be completely rebuilt as an interdisciplinary college with no clear separate departments and centred around a central computer complex. At some point in time before then, there will be a massive change in environmental conditions which will include re-designing the open spaces, making the whole precinct a pedestrian only area with vastly improved cultural and recreational facilities, and cleaning the air of the city pollutants . . .

... A Past President's View

Judith Walker

In my opinion, the College has no future as 'Imperial College'. Although the name is apt enough, since overseas students are still taught a science more relevant to imperialism than the technological needs of their own countries.

If I.C. is to survive as a true institute of higher education it must go out — towards the nearby community, to society at large to the liberation of the Third World. At present the College — or rather the professors and lecturers with private consultancies — relates very well to the outside world of big business, the military and government, but not so well to its students or to the people. Yet paradoxically the very graduate processed by the Imperial College system is out of favour with employers.

EDUCATION'S NO PRIVILEGE

Jobless graduates will soon be used as a cudgel by the Tories to 'regretfully' call a halt to expansion in higher education. But elitism is no longer acceptable — everyone has the right to continue his or her education. The degree is no job passport, nor should it be. Education is more than vocational training on the cheap for a job in big business.

IC IS KILLING SCIENCE

Education here should mean the teaching of socially related technology. Science is anything but politically neutral, so why should it not be turned to the needs of the people? (One good answer—because capitalism does not work like that!!) Why isn't the College (not just the union) helping the people of Notting Hill—our neighbourhood, we have the technology and the people? Be warned—diversification will

come to I.C., but there will be no fundamental change—no university preaches its own destruction.

YOUR LOCAL COMPREHENSIVE?

The only form of education which could be acceptable as a future would have no selection procedures (e.g. the City College of New York), no restricting exams, no discrimination. Discrimination?—is that the reason why there are so few women, so few British black students, and only 30% or so working class students? They have had little chance, oppressed by the capitalist system all along the line, to make it to the citadel.

I.C. looks down on the technical colleges yet is itself only a 'high class' version.

In fact, relatively speaking, some of I.C.'s courses are narrower than at 'lesser' institutions. The so-called Binary system relegates the technical colleges, colleges of education, and the poly-

technics (still) to a second class status, with much less money for many more students, often crowded into older buildings.

Equal opportunity for all means an end to the iniquitous binary division which keeps the majority of students (in non-university colleges) down.

IC NO:

USK YES:

USK, the student-inspired 'University of South Kensington', could be the model for the future—the bringing together of all the institutes in Kensington. These first steps towards uniting the students have, however, been taken by the Unions and not the College authorities. The comprehensive university is a logical step, which will have to be fought hard for. It's students may study full or part time, but in either case they should receive a wage rather than a grant. 'The student wage assumes that higher education is producing an economically desirable output i.e. the economy needs you. 'The loan sees higher education as a personal consumer good'. Student unions are becoming more like trade unions and in industry the white collar workers (i.e. you, the technocrat) unionise.

How can the future be changed and I.C. destroyed/reconstructed? The college will not dissolve the department structure, be governed by a general assembly and become a community college by sweet reason. And repressive tolerance is a British byword—despite the present government. Think and act. The future lies the way of Lennon, Jackson, Freedom brothers.

Do you want to read books by:-

Ernest Hemingway
James Aldridge
Marghanita Laski
Alan Drury
Margery Allingham
Vladimir Nabokov
George Eliot

Get them from the

Haldane Library

Level 2, Library Block

Open Mon. to Fri., 10 — 5.30

REFECTORIES REPORT

The final loss in running the College catering services last session is now known to be around £2,313, considerably less in fact than had been originally feared before the various economy measures and price rises were put into effect. Although the College will write off the deficit this year, it is not willing to do so next session. In an attempt to break even, a price rise of 8 per cent in the cafeterias was agreed upon, with effect from 1st August.

The Catering Manager had originally asked for a rise of 13%, but the Union fought this down to about 8%, on the understanding that there would be no further price rises within the next 12 months.

The Union won a further concession — that the prices in the Union Buttery (open continuously from 11.00 a.m. to 6.00 p.m.) would only rise by 5%, so that snacks in the Union would be slightly cheaper than in College Block or Southside.

Meanwhile the outlook is distinctly rosy in the Bars — too rosy, say Union officials, looking at the startling £6,255 profit, representing nearly 10% of the turnover! About a quarter of this profit comes from the Union Bar, an eighth from College Block, and the rest from Southside Bar.

Union officials are concerned that Bar profits should not subsidise Refectories, though here the Union

is at variance with Catering Manager, Mr. Mooney, and also with the latest University Grants Committee memo to Universities, which recommends that the bars should keep the refectories solvent.

The same U.G.C. memo also advocates the 'moth-balling' of surplus facilities, the need to detect and follow the trend towards cheaper meals and snacks, and the advisability of cutting down over-elaborate or uneconomic services such as weekend meals, and waitress service.

A more detailed report on the catering services offered at I.C. was received over the vacation. The Senior Catering Advisor to the U.G.C., Miss F. M. Cowell, carried out a three day survey of I.C. refectories in May, mainly at the request of the Union.

Her report points out the gross over-provision of catering in the College, which was caused by the opening of College Block, with eating

facilities for 1800, in a year when student numbers only increased by 100. The opening of College Block was the sign for the run-down of facilities in the Union building, and also, through an additional wages bill of £16,000, contributed to the £30,000 deficit that session.

One obvious choice in rationalising the Refectories would be to close the Union building; however, Miss Cowell points out the undesirability of this, as it would deal a heavy blow to the concept of the Union as the hub of student life. Similarly, the staff dining room at 170 Queensgate loses heavily, but this also should be retained, as it provides an element of gracious living. However, if 170 is kept open, Miss Cowell suggests either finding an alternative source of money to subsidise it, or closing some of the other Staff facilities.

On the management side, Miss Cowell found the management was efficient and the operating staff of good calibre; but she did recommend the appointment of a Deputy Catering Manager to ease the workload — this has in fact already been agreed by the College.

The report now has to wend its way via the various College Committees for official comment.

sighted view. If all the money was used to acquire new accommodation then more students would benefit from cheaper accommodation in the long run.

During future vacations it is hoped to let between 100 and 500 rooms at £1.60 a night for students. This will include breakfast in Southside, and thus help to keep refectories viable over the summer.

FELIX wishes Sue Rossell and Tim Russell the best of luck with the scheme next year, but hopes that the powers that be will have second thoughts about the distribution of profits.

Illustrated Halas

John Halas will be lecturing at Imperial College shortly, as a guest of the Film Society.

As well as being an expert on the production of animated films, Mr. Halas is well known as a speaker on the subject, and has appeared at the National Film Theatre.

His lecture will be illustrated with several short cartoons, and also an extract from the famous feature-length film, "Animal Farm". The Film Society promises ample advance publicity.

UNION LOUNGE

Well, you have got past the title anyway which probably means you either don't know what the Union Lounge is and are curious to find out, or you wonder what there is to write about it, well read on.

The Union Lounge is situated in the ground floor of the Union Building somewhere between Pam's office and the Union Bar. Its only purpose in life up till now has been to house that relic from the days of I.C.'s mascotry, Mike, our ex-mascot. However since Queen Mary College decided it would make a nice souvenir and nobody at I.C. can be bothered to get it back, our beloved union officials decided to find a new purpose in life for the lower lounge.

In order to give you something to do in the evenings and somewhere to go and do it, they have had those old boards listing their predecessors names removed, moved to the top floor the old waiting room type chairs, and repainted the lounge with a splattering of orange here and there amongst the light green. The seating now consists of comfortable easy chairs, and low coffee tables have been installed to prop up the odd pint or four.

The apology that used to be known as the ladies bar is gone and has been replaced by a fully stocked bar which is actually equipped with its own pumps, (that's one up for Women's Lib.) The bar also doubles as a Snack Bar selling all the best that Mooney minions can't ruin, with perhaps even a barmaid for all you lucky freshers to chat up.

The lighting level has been decreased and is being replaced partly with coloured lights which do not flash yet but should improve the atmosphere a lot, who knows they might be able to lower the ceiling a few feet which would make it even better still. Having set this atmosphere they decided to add further to the attractions by installing a juke box for those of you who haven't got your own record grinder, Pin tables for you to waste your grants on and possibly a few more of those bar football tables to reduce the queues at the existing ones. In addition to all these goodies a Mooney coffee machine is being installed for out of hours drinking, so why not come along? Why not bring a few friends? it will make a pleasant change from the atmosphere of Southside, you might even find those new



JOHN MCCULLOUGH, Union President.

continued from page one

usually forced to submit their theses by any fixed date at this stage.

He also took the somewhat drastic step of submitting a report of his work to the department without one being requested. His case was at this stage taken up by ICU and ASTMS. Prof. Matthews refused to listen to the ASTMS as he said that they were not supposed to take up students cases even though they had fought on the side of students several times in the past.

Also at this stage a disagreement started as to whether or not SRC should have been previously informed of Piers unsatisfactory state of progress in the eyes of the department.

NO WARNING

Judith Walker (retiring President) wrote to Prof. Matthews on July 22nd making the points that:- Piers had a right to be represented by ASTMS if he wished; that he had not been given adequate warning; that there is no college requirement that Ph.D students have to satisfy their supervisors of any particular state of progress by the end of their second year; and that Post Graduates have as many rights as undergraduates.

On August 3rd the authorities changed their position and SRC said that Mr. Corbyn's grant could be continued if the department so recommended by 30th September. Towards the end of summer John McCullough, Union president, joined the battle by writing to Prof. Matthews, stating that he

machines in the Union bog, bring a bird along you might even find a use for them.

The only remaining trouble is to find a new name for this place, and to encourage suggestions the Union are offering one hundred pence worth of free goodies from the new Well, it's up to you to think of a new name for it and give your suggestions to John McCullough.

CORBYN BUSTED

One July evening the drugs squad payed Piers Corbyn a visit in his shared flat in Notting Hill. They had a search warrant for drugs, soon after entering the flat they found a filing cabinet. So quite naturally for them, they radioed the Special Branch who being just around the corner were there within five minutes.

The FUZZ found about £2 worth of hash — not Corbyns he can't take the stuff — and arrested Piers for admitting his premises to be used for the smoking of hash. You might think that was enough but not for the special branch, they also accused him of handling stolen property (i.e. one traffic cone, one roadside lamp, and one local authority sign pertaining to dogs fouling the footpath).

However the main event of the night was a search of his political files during which the S.B.'s took notes and asked him numerous questions. After being kept in jail for one hour and then released on £100 bail, being refused legal aid he appeared at magistrates court on Sept. 21st.

Piers pleaded guilty and was committed for trial at the London Sessions. The case should come up some time during the coming year.

hoped that Piers' Sennet editorship would not be used to condemn him as it was an integral part of London student life.

CLIVE JENKINS

Anyway the fight dragged wearily on with a petition from 24 physics PG's, and Clive Jenkins lending his weight to the IC ASTMS, and Digby Jacks NUS president joining in the fun. Throughout the summer Piers was working in the physics department and trying to ignore the political machinations of IC which was bubbling on apparently ignorant of the vacation.

Anyway to cut a long story short the outcome should keep Piers out of union activities for the coming session and has started the ball rolling for student and Technical staff acting as a united concern.



FELICITY



The **FELIX** Late News Supplement

FELICITY is needed because even the last pages of FELIX must go to press four days before publication.

During term time FELICITY is produced on Wednesday afternoon and evening, the day before publication.

Anything intended for publication in FELICITY should be put in the FELIX letter rack by the Wednesday lunchtime. Alternatively it may be brought up to the press room during production. The Editor of FELICITY reserves the right to reject or edit material as space requires.

REGISTER FOR VOTING

You can now vote at eighteen, and should register to vote in the constituency in which you reside whilst at College. Your landlord or Hall or Student House warden should have received the appropriate form "A", which he must return by Oct 10th. He should register all eligible residents, including you. Make sure you are registered.

If you miss the deadline the Union office can help you in the appeal period, between 28th Nov and 16th Dec.

Please note that it is quite legal to be registered both here and at home, but that to vote twice is illegal. When elections come you can decide where to vote, according to convenience at the time. For local government elections you can use your vote in both constituencies. **MAKE SURE YOU ARE REGISTERED. YOUR VOTE COUNTS.**

UNION MEETINGS

The first IMPERIAL COLLEGE UNION MEETING will be held on Tuesday 5th Oct at 1.00pm in the Great Hall, College Block.

Constituent College Union Meetings are on Thursday 7th Oct;
R.C.S. at 1.00pm in Physics Lecture Theatre 1,
C.&G. at 1.15pm in Mech Eng 220 and
Mines at 1.00pm in Mining Lecture Theatre 1.

ANTI-IMMIGRATION BILL RALLY

The final reading of the Immigration Bill has been brought forward to Oct 11th and 12th. A large rally is being organised at Hyde Park Corner on Sunday 10th Oct starting at 3.00pm, and followed by a march to Downing Street.

The Bill, if enacted, will affect many Imperial College students and their relatives. 22% of students in Imperial College, the largest percentage in the country, come from overseas. They, and all others, are urged to attend.

CON SOC (SIC)

The Union Conservative Society are shortly to be hosts to Dr William van Straubenzee, who will deliver a lecture this week. The Doctor holds office in the Tory Government as Mrs Thatcher's lackey, and is also vice-president of the Federation of Conservative Students, to which the Conservative Society is affiliated.

Over the summer he outlined government proposals regarding Student Unions, viz;
1; making membership voluntary,
2; appointing a registrar who may be empowered to veto the holding of Union General Meetings.

Apparently the Federation of Conservative Students will support the second proposal at the forthcoming Conservative Conference. There is a danger that should the Doctor address a meeting solely comprising Con Soc loyalists he may get the mistaken impression that such proposals would meet with general students assent.

HAVE YOU FOUND ACCOMODATION YET?

No? Then try the West London Student Accomodation Bureau in the Union Office (see FELIX front page article). IF THAT FAILS YOU CAN SLEEP IN THE UNION BUILDING. This is free, and camp beds are available, but you must go to the Union Office first to register.

Last year about twenty students with nowhere to live slept in the Union; there must have been many more sleeping on friends' floors. This year the National Union of Students is running an accomodation campaign, the first part of which will be about shortage of accomodation in specific areas. In order to supply this information, and to bring it home to the press, the Union must know of your difficulties, even if you're not sleeping in the Union. If you're homeless and sleeping on the Union floor (particularly on Sunday, Monday and Tuesday) this will help to focus public attention on the gravity of the situation.

CARNIVAL CRAMP

Committee Room B is now an office for the Rag Committee (latterly known as Carnival), and clubs and individuals who have deposited assorted equipment there, for instance linesmen's flags, ropes, a mallet, two large tent poles and a six inch diameter rubber ring, should endeavour to remove them with due haste, lest they incur the wrath of one Rob Armitage.

There is ample alternative storage in Beit basement. Indeed, much of the aforementioned junk has already been removed thither.

IMPERIAL COLLEGE--GATEWAY TO INDUSTRY?

What are you going to do when you leave College? (writes Steve Cann) The current position with employment is poor. This College, and hence you, is fortunate in that its reputation has carried a lot of weight with employers. Most departments have been able to place students in some form of occupation either via the well known "interview" and "old boy" methods. Even so, there are large numbers of students unemployed which will add to the competition for jobs in the coming year.

There will be little opportunity to indulge in "wait and see" tactics when finding jobs this year. Application forms must go in early, show interest in every interview (yes-man) and remember you might not get offered the job you expect. (at last, he sees the truth-ed)

And second years, start thinking about what type of employment you want before it's too late.

SITUATIONS VACANT: 105 clerks needed for trade delegation. Ability to speak Russian an advantage. All applicant must have a degree in aeronautical engineering. Box 953.

LOST: Future Editor of FELIX, one Doive Sugden. If found please knock into middle of last week, and return to Press Room.

WANTED: Some alternative to these stupid space-fillers. Internal phone 2881.

APOLOGY: Observant readers may notice that the last page will not appear until tomorrow. We regret any inconvenience to readers wishing to see the second half of the Piers Corbyn article.

WANTED: Either a new deputy president or a juke box for the Union Lounge by Sunday 3rd Oct. For the former petition John McCullough, and for the latter apply to Dave Amos.

WANTED: Girls for the FELIX Read Test. No experience necessary. Apply to the Editor in person.

CHER EDEITEUR,

Vous voulez une lettre en franais? Le voici!

Une amie.

ANNOUNCEMENT: The Editor of FELIX will be living in no 10, Old Beit (overlooking a beautiful brick wall).

FELICITY typed and edited by John Ackers who denies the authorship of any copy contained herein. Assistance donated by Mike Griffiths and John Rogers by kind permission of the appropriate authority. Type-writer loaned by Chad.

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

BINARY SYSTEM V. THE COMPREHENSIVE UNIVERSITY

(Copy of the N.U.S. IN ACTION Pamphlet)

The Government is expanding higher education in a "binary system", dividing autonomous universities from Technical Colleges and Colleges of Education. NUS wants to bridge this gulf.

1. All students should have equal academic facilities

BUT £581 is spent per annum on a university student for academic facilities. Only £249 for a trainee teacher.

2. All students should have equal social facilities

BUT universities' unions have an average £8 subscription compared with £3 in Colleges of Education. In Technical Colleges the Government has now granted £3, but only for full-timers over 18.

3. All students should have equal sports facilities

BUT many Technical Colleges have facilities below the level of local sixth-forms. University sport is organised by the BUSF, non-university sports lack any such body.

4. All students should be equally housed

BUT, although university accommodation is inadequate, Technical College accommodation is virtually non-existent.

5. All students need to mix with those studying other subjects

BUT trainee teachers and technical college students are isolated from other disciplines.

6. Teaching and technology are essential to national progress

BUT sixth-formers naturally try to avoid going to Colleges with poor conditions.

The Binary System is:-

SOCIALLY DIVISIVE
UNFAIR TO STAFF AND STUDENTS
EDUCATIONALLY UNSOUND

N.U.S. IS FIGHTING FOR:

1. Comprehensive universities bringing together all students and courses.
2. A fair balance of central control and internal freedom for all colleges.
3. Equality for staff and students.

RECENTLY WE HAVE GAINED:

1. More money for LEA College Unions
2. A promise of housing for polytechnic students
3. Increased catering grants for LEA Colleges.

FOR MORE PROGRESS YOUR HELP IS NEEDED

Students should take a lead in breaking down these barriers by social mixing with other colleges, joint union activities and amalgamation of clubs and societies.

Write to NUS for a copy of "Divided We Fall" (5p) if you want full details of the student case.

FIGHT FOR COMPREHENSIVE HIGHER EDUCATION - SUPPORT U.S.K.