



FELIX

The Newspaper of Imperial College Union

London Student Death Threat

London Student, the University of London newspaper, is fighting moves to close it down. The paper, which is frequently accused of appallingly low journalistic standards, made a £10,000 loss last year, and in future ULU wants to curtail this loss to only £5,000—and since the newspaper employs two full-time staff and is printed externally, this will almost certainly force it to close down.

A reporter from *London Student* described the difficulty as a 'cash flow problem' and claimed that the paper cannot be closed down at once because the printers require thirteen weeks' notice. In the meantime, the price is being altered from a flat rate of three pence per copy to a sliding scale on which colleges buying more copies per student would pay less. Imperial regularly receives four hundred copies, most of which are normally taken by students before the end of the week.

IC TURNS DOWN CENTRE POINT

Imperial College has rejected terms for a lease on part of the Centre Point complex, which might have been used as student accommodation. At a meeting this week the committee refused the offer of accommodation for 144 students in one of London's most recent landmarks.

Centre Point was built some twenty years ago at St Giles' Circus, the intersection of New Oxford Street and the Totten-

ham Court Road. The main tower, one of the tallest buildings in the West End, was for a long time looked on as London's leading white elephant—it has never been fully occupied.

Although most of the building consists of office blocks, there is some residential accommodation and Imperial was offered six floors of the annexe, next to the

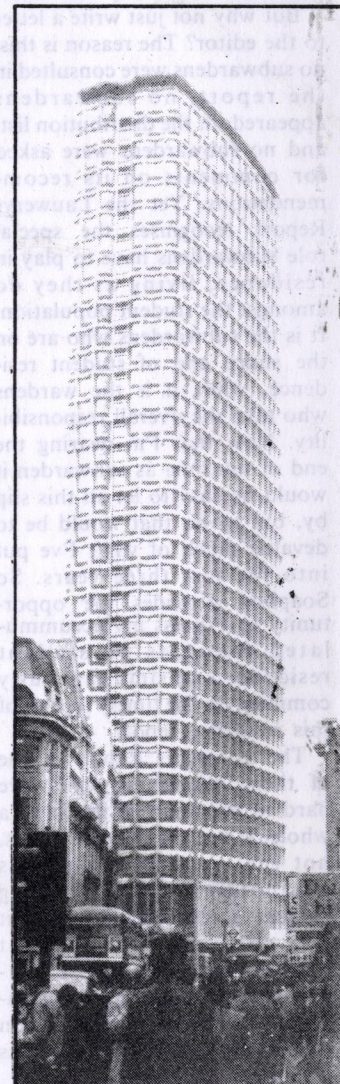
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Jezebel Goes to Brighton

Jezebel, the RCS motorised mascot, completed the London to Brighton Commercial Vehicles' Run last weekend in a mere twenty-two hours. This rather leisurely time was for two

reasons: a scenic detour (minor navigational error) via Eastbourne on the return journey, and an impressive list of bits falling off, including the sump drain plug.

The participants described the event as great fun (in retrospect) and were particularly impressed by the sight of dawn over Battersea Bridge on the way back.



Centre Point, the controversial office block next to Tottenham Court Road tube station: only partially occupied for over twenty years.



Jezebel, the RCS fire engine.

The Lauwerys Report on Student Residence has been described as one of the most ludicrous documents the Sheffield Administration has produced. Here Selkirk Subwarden Ken Baldwin analyses its strengths and weaknesses, and puts an alternative viewpoint.

On the Sharp End of Student Residence

The recent review of College student residence known as the Lauwerys Report has already provoked some discussion in these pages. Naturally—since after examinations and the sexual imbalance the biggest worry for IC students is accommodation. However the limited circulation of the Lauwerys Report has meant that its implications have not been made apparent to the vast majority of students. This is why this article has been written.

But why not just write a letter to the editor? The reason is this: no subwardens were consulted in the report, no subwardens appeared on the distribution list, and no subwardens were asked for comments on its recommendations. Yet the Lauwerys Report recognises the special role subwardens have to play in residence, living as they do amongst the student population. It is the subwardens who are on the sharp end of student residence, while it is the wardens who take the overall responsibility. Now that I'm nearing the end of my time as subwarden it would be easy to let all this slip by, but to do that would be to devalue much of what I've put into the last three years. So Soapbox provides the opportunity to express my accumulated thoughts on student residence and simultaneously comment on the timely release of this residence report.

The Lauwerys Report is one of those documents which are hard to condemn or praise as a whole. It has many good points, not the least of which is its commitment to expanding student accommodation. But it is a curiously inconsistent document, with the recommendations sometimes contradicting completely the discussion leading up to it. Two examples will serve to illustrate this:

Observation: In the difficult financial climate the residences must take second place to the College's teaching and research activities.

Recommendation: Appoint an

expensive (£16,000pa) Residential Services Manager (RSM) to administer the residences.

My comment: The last thing residences need is a high-price bureaucrat, out of touch with residence life, to dictate how residences should run. Closer consultation with wardens (who together with their housekeepers and subwardens are much better able to judge the needs of the Halls or Houses) is what is needed.

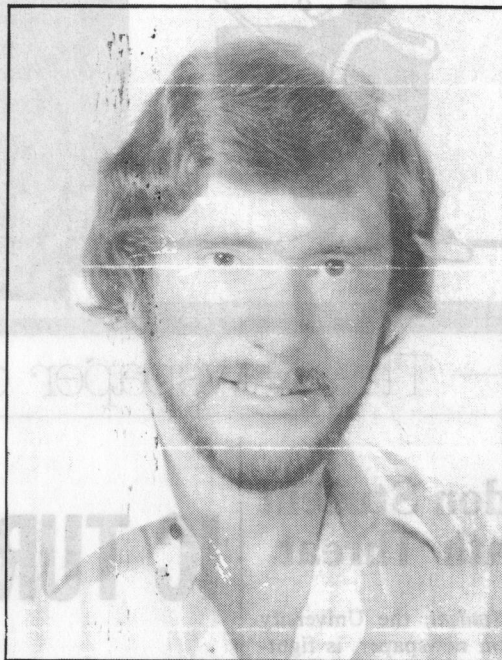
Observation: Wardens and subwardens are essential for

The Lauwerys Report is a curiously inconsistent document; its recommendations sometimes completely contradict its conclusions. It says that because of financial constraints residence must take second place to teaching, then recommends the appointment of a manager at a salary of £16,000. It says that wardens are essential for social life in Halls, then recommends that wardens be cut by a third. In other areas the report simply sidesteps issues completely.

welfare, discipline and social life in the Halls.

Recommendation: Cut the number of wardens and subwardens by a third.

My comment: The last time Hall wardens were cut I spoke out against reducing the warden/student ratio given the high pressure environment of a competitive college located in Central London (FELIX, May



1981). The financial saving of the current reduction after the RSM's salary has been deducted is a paltry £6,000pa—at the sacrifice of the wellbeing of 1,400 students. Is the possibility of one breakdown or suicide attempt worth this much?

Furthermore the report recommends that postgrads now become eligible for Hall wardenships. Not only do most postgrads lack the experience for the job, but they simply cannot afford the time to take total responsibility for the running of

arbitrary retrenchment.

In other areas the Report simply sidesteps the issues entirely. Here is a list of the main aspects of Hall life for which the Report's recommendations are inadequate:

Student Residence Committee: This is the main body determining residence policy and as such should be representative of all residences. The report wants to cut the number of wardens on SRC and replace them with College appointees, thereby making it less representative. Further, there are no subwardens' representatives who, as I have said, are closer to the student residents almost by definition. There are no student residents representatives on the SRC at all apart from two union officials who by their independent nature are not always interested or sympathetic to residence issues. A representative from Hall and House Chairmen is required here to put the residents' views—after all they are the people whom the College residences serve.

Food: This is the biggest sidestep in the whole document. The report recognises that refectory food is mediocre (appalling would be a better word) and that this causes impossible overcrowding in Hall kitchens not designed for mass cooking. Instead of calling for vast improvements in College catering the report recommends turning laundries into kitchens, thereby transferring the over-

Bedford and QEC To Be Sold

The main sites at Queen Elizabeth College and Bedford College are to be sold off as part of London University's campaign of cuts and mergers.

The committee responsible for the forthcoming merger of QEC, Kings and Chelsea Colleges has decided that the valuable site in Holland Park be sold. In proposals last year to merge QEC and Imperial College, University

spokesmen insisted that the site would be maintained as part of London University.

Meanwhile, Bedford College is moving out to Egham in Surrey where it is joining with Royal Holloway, and the beautiful buildings in Regent's Park are to be sold—despite an agreement that they should be used only for educational purposes. Members of the

University of London Senate who opposed the merger claim that they were 'led to believe' by Vice-Chancellor Quirk, the moving force behind the mergers, that the Bedford site could not be sold. But agents are now negotiating with the Crown to change the terms of the Bedford lease to make it more attractive to buyers—who are expected to come either from the United States or the Far East.

Aardvark Never Hurt Anyone

The University of London Union will not be buying an aardvark, it was formally announced last week. During recent discussions about mascotry, it was suggested that ULU should have a mascot, preferably 'something unusual and cuddly', and naturally a stuffed aardvark was the first thing to spring to mind. The idea has, however, been discarded, owing to expense and the difficulty of acquiring a stuffed aardvark on the open market. A motion to the ULU General Council, moving that the President be mandated to take the proposed aardvark on a monthly two-hour walk, has consequently been dropped.

The ULU President told FELIX that there was still a possibility of the Union sponsoring an aardvark in London Zoo's 'Adopt an Animal' scheme, but that really they had other uses for the money.

continued from front page

Tower. These contain furnished flats suitable for four people, and would have been by far the most upmarket residences owned by the College.

An estimated initial income from the flats of £177,000, based on £26 per week rent per student and a large income from vacation lettings, was compared with annual expenditure of a hundred and seventy two thousand. The terms of the lease were considered unacceptable, however, the major sticking point being the College's liability for repairs. Any structural defects would have been the lessee's responsibility, and as the complex was built mainly with the notorious high-alumina

cement, the College declined to take the risk of a thirty-five year lease.

The London School of Economics turned down similar proposals several years ago for the same reason; the accommodation block bears a thirteen per cent responsibility for structural repairs commissioned by the landlords, and the whole complex is worth some £50m. For a college to insure against structural defects would have needed Treasury approval, which was refused LSE and would probably been refused to IC as well.

Michael Arthur, the Student Services Officer, was told that these terms would be refused unless he could substantially

renegotiate the terms of the lease, and as the owners of Centre Point do not seem over eager to let the accommodation, this is considered most unlikely.

At the same time, the College is still considering a proposal to buy the Fremantle Hotel, which has been used as a head tenancy for nearly a year now and is at present on a three-year lease. This policy of looking for accommodation is seen as an effort to fulfil the promise to house all first year undergraduates and overseas post-graduates in College-owned property—a major selling point for universities eager to attract overseas students and their high fees.

crowding problem to the proposed communal college laundry.

Security: Although the Hall security guards try to provide cover for the student residences as much as possible, they just cannot keep out all undesirables because of poor arrangements for entering the buildings. So what does the report recommend? Cut their numbers in half! This is lunacy—it invites the possibility of theft, harassment and rape. What is needed are manned entrances, with one guard on constant patrol.

Vacation Accommodation: If the Lauwerys Report wants to find the solution to the residences' financial problems, it need look no further. That over 1,000 beds regularly lie vacant in the peak of the summer tourist season in the centre of London is almost criminal. Just one night at £10 a bed would cover the £6,000 saved by cutting the number of wardens, who would then be available for the benefit of students the rest of the year. It is to the INCOME side of the residence account that the report should be looking, rather than slashing the expenditure side to the detriment of the residence system. To be fair the report

does recognise that summer letting reduces rents by £4 a week and that more should be done towards this, but it does not go far enough. The report mainly considers conferences in Halls of Residence, but there is no reason why all College accommodation could not be used to bring income from the tourist trade or indeed from anyone who walked in from the street. This requires a hard nosed, commercial attitude from the conference or SAC officers towards widely advertising this central London accommodation, and there is no need for the appointment of another bureaucrat to run it. Only in this way can student rents be kept down.

There is much more I could add, and much of what I have said is oversimplified. But this is a consequence of this channel of communication. The residence system could do with better representation of the people most concerned: the students, wardens and subwardens. So if YOU have any constructive ideas to put forward, then stand up and be counted—at the moment College won't stand up and count 'em for you!

With Deepest Sympathy...

The Handbook Editor expresses his most heartfelt condolences to those societies which did not send him an article for this year's Handbook.

Articles arriving after last month's deadline will be sent to the Editor of next year's Alternative Prospectus or (worse still) The Phoenix, unless those societies affected send their prettiest female member to plead with him to accept an article. In the case of the Rugby Club, the Editor will settle for a drink instead.

The Handbook Editor can be found in the FELIX Office or the Union Bar (waiting for Rugby players to buy him drinks).

No Flowers by Request

This advertisement comes to you courtesy of ICU Handbook Attention-getting Devices Ltd. Any complaints of sexism should be written on a blank cheque, crossed a/c payee and placed in the grit-bin outside the Royal School of Mines.

Letters
to the
Editor



Eating People Is Wrong

Dear Sir

After recent detailed research into socio-masochistic behavioural patterns of the praying mantis, and even in spite of the dangers of drawing comparisons between human and animal activities, we feel compelled by the overwhelming evidence to conclude that the dietary supplements of the mantis could be usefully employed at IC.

The advantages of the implementation of this policy include the reduction of student numbers vastly in excess of the five percent recommendation of the government, without the loss of academic excellence. Repeated sexual assaults would be consigned to history. And by the judicious use of the powers entrusted, would give WIST the opportunity of becoming a majority voice in College.

The presence of a number of scared bodies has led us to believe this practise is already being undertaken (prompting the evidence by notably a number of life scientists).

It is worthy of mention that those not capable, or desirous of heterosexual relationships cannot escape the consequences. Since, in accordance with the findings of Freud (Vol 7 pp. 116-117) 'the ingestion of food is

inseparable from sexual activity' all those eating in College refectories will inevitably suffer the same fate as those copulating.

We would be grateful if you could forward our findings to the Oxford University Magazine *ISIS* as we feel certain it would simplify their survey.

Yours faithfully

G B Webb, Physics 3
J Redman, Met & Mat Sci 3

Quran Predicts Modern Science

Dear Sir

As the mysteries of Creation are unveiled by Advancing Science and Technology, questions such as the Origin of the Universe and that of man are slowly being understood.

When the physicists attributed the origin of the universe to a 'big bang', the students of the Quran noted that this was already stated in chapter 21, verse 30:

'Have not those who disbelieve known that the heavens and the earth were one piece, then we parted them...'

When a biologist tells us that life originated from the oceans, we find that this discovery is as old as the Quran itself:

'and we made every living thing of water. Will they not then believe?' 21:30

What I have mentioned above is just two examples out of a multitude of examples concerning the Quran.

During a forthcoming lecture (Thursday May 12, 1:30) you will be able to witness physical, touchable, examinable and perpetual miracles, which prove that the Quran is indeed the word of God, and that it comes to us perfectly preserved.

Yours sincerely

Tariq Syed
Physics 2

Summer Job

Five weeks work available as assistant in Science Museum helping in the Discovery Room.

The assistant's job is to talk to visitors and encourage them to try exhibits and answer questions. It also includes maintaining the exhibits, restocking consumable items and general supervision duties.

Since the average age of visitors to the Discovery Room is 10 the assistant will need to be patient.

A basic knowledge of elementary science, practical experience and the ability to explain and communicate is also required.

Please apply in writing to Dr A W Wilson, Science Museum, Exhibition Road, London SW7 2DD.

Applications should include name, age, address, phone number, the names, addresses and phone numbers of two referees, information about your academic record, relevant qualifications and experience, information about hobbies and

Imperial College Overseas
Society Proudly Presents

AN EVENING OF ASIAN MUSIC WITH

MOHAMMED RAZA

AND PARTY IN CONCERT

Special Guests

THE BHAMRAS

ON SAT 14TH MAY 1983 (7:30 PM)

AT "THE GREAT HALL"

TICKETS ADV £3.00
DOOR £3.50 (ADULTS)
£2.00 (CHILDREN)

special advance
"Lady + Gent" ticket
£5.00

FURTHER INFORMATION

589 5111 x1042
OR x1043

Small Ads

FOR SALE

●**Harlem Globetrotters** at Wembley next Friday May 13, tickets £4.70, Squash Club Night Out (Mk 3). Apply D V Molesworth, 731 6301 or RSMU Office.

●**Squash rackets:** Classic 003, £12ea. Also selection of US-made Manta rackets. Contact Dave 731 6301 or via RSMU Office.

●**Rush** two stalls tickets, Friday 20 May. Anyone willing to exchange for either 17 or 18 May. Any tickets accepted. Contact S Deverall, Physics 3.

●**Cheap Clothes** in the Junior Common Room. Jeans from £5.99, also shirts. All jeans are regular stock which is being sold off because they are either ends of line or remnants of containers. The jeans are made by *EASY* which came out top in a recent survey in *WHICH?* magazine for both price and quality. Between 11:30am and 2:00pm on Wednesday May 18 and Thursday May 19.

NOTIFICATIONS

●**Dramsoc** is taking three productions to the Edinburgh Festival—the Fringe. Auditions for parts are open to *anyone* interested; they are taking place on Wednesday May 11 at 7:30pm, meet in the Dramsoc Storeroom (1½ floors above Union Office).

●**Cu vi estas esperantisto?** Or, do you know what Esperanto is? I am thinking of setting up an Esperanto Club at IC and, if this interests you, then please contact me, E S Ratley via Maths 1 letter-racks.

●**Would the person** who borrowed my 7/8 antenna for the last motor rally please return it asap. John Stanley, Elec Eng.

WANTED

●**Amplifier and speakers** wanted £50-100. Sell now and get some revision done. Tommy Smith, Aero 1 or Mining House.

●**Wanted:** bookcases. See Maz in the FELIX Office or ring internal 2881.

PERSONAL

●**Some court disaster**, some flirt with disaster and others are laid down by disaster.

●**A good FELIX Editor** *never* forgets a face.

●**What do you get when you subtract** the main feature? Answers to P Nocchio please.

●**Gardeners beware** Friday May 13. Lily lovers pickle easily. Cheers GH May 17 Club.

●**Gardeners beware** Friday May 13! Crawling makes you legless. Cheers GH May 17 Club.

●**Special announcement:** In the first week of term Dr Dugwell (Chem Eng) introduced the concept of isothermal cooling. A nobel nomination is pending.

●**Would anyone** who has seen the FELIX Editor this week please inform the FELIX staff, the police or just get him into a straitjacket until we can collect him.

BEER AND BANGERS

Wed 25 May 5:30-7:00pm
Free! Names to Jen in the
Union Office by 5:00pm,
Friday 20 May.

Renetly

Gentlemen's Hairdressers

Discount for students and staff!
Cut: first visit £3, second visit and after
£2.50; Cut and Blow Dry first visit
£4.40, second visit and after £3.95.
Mon to Fri 9am to 5pm
Sat 9am to 12noon

interests, the kind of person you are and why you think you are suitable to this kind of work, details of dates between June 15 and July 1 when you would *not* be able to come to the Science Museum for an interview.

Closing date for applications May 27 1983.

Hours: 11am to 5pm Mon-Sat (inc) for five weeks, starting on Thursday July 28 and finishing on Wed Aug 31 1983.

Pay: £83 per week at age 19, £90, £93 per week at age 21 and over (pay scale under review).

Southside Security

I continue to receive abuse when I refuse to let strangers follow me in to Southside unless they can produce a Unioncard despite this being supposedly the most important rule necessary to keep potential rapists at bay.

Apart from this I have received no feedback *at all*. Doesn't anyone else find the security arrangements as ridiculous as I? If not, please say so and I'll shut up; until then, though, I'll continue to grouse and leave people locked outside.

Incidentally the large convex mirror in the foyer of Selkirk and Keogh has been angled *upwards* for several months now. This means that it is no longer possible to check for muggers waiting in the lifts, but it is possible to see if anyone is lurking crouched on top of the entrance doors, waiting to spring down on an unsuspecting victim....

Firstly, before I leave this subject, I know there are two security guards in Southside who are extremely conscientious about their work, and who were upset at certain remarks I made last week which might have implied that *all* the Southside security staff are lazy and inefficient. I hope the two who are not will accept my apologies for any embarrassment this caused.

EDITORIAL

FELIX Features

I wrote last week about how regular features tend to become emaciated over the summer. Instead, though, I have plans for several biggish feature articles which will appear throughout the rest of term. Next week's FELIX will include a special CND feature, with an article by Rob Kelsey, an interview of two of the authors of *London After The Bomb*, and various other relevant bits.

The following week there will be a FELIX investigation into the College telephone system and the week after I shall give you all the grisly details of my parachute jump.

If you have any other suggestions for features, especially if you'd like to write one yourself, do please look in and discuss your ideas. I'll be more than ready to give whatever help I can.

Cheap Clothes

Easy Garments UK Ltd are planning to sell off container remnants, ends of lines, and seconds in the JCR in the near future.

They will be selling a range of different garments, and in particular their jeans, at £5.99, came out as best for value and quality in a recent *Which?* report.

If the sale is a success it may be possible to arrange similar projects in future, so do go along and at least see what's on offer.

The only problem is the date: I have been given two sets of dates for the sale, so it will be from 11:30am to 2:00pm on *either* May 11 and 12 *or* May 18 and 19. Sorry I can't be more helpful.

FELIX Car Rally

In previous years this has only been publicised at the last minute, so hardly anyone has entered. This year you have no such excuse, and if you will have access to a car and a group of friends on June 19 and would enjoy motoring round London answering silly questions and gathering treasure first thing on a Sunday morning, then the FELIX car rally is for you. More details will appear nearer the date, but in the meantime, keep the morning free.

Photographs

Last term several people brought films in to FELIX to be developed and then asked for prints from the negatives. I was very lax about processing some of these films, and those I did often became separated from the contact sheet, making it difficult to find the original negative. Consequently most requests were met with 'Come back next term when I'll have had time to sort out the file.' Well, I've kept my word, and the photographs are now all beautifully arranged as far as possible in sequence with the negatives paired off with the corresponding contact sheet. So now you can see the results of the film you exposed last January, and even order prints from it, too!

Impossible Without.....

Gastropod, Bow-tie, Pinocchio, Walkabout-Looksee, Chris Mallaband, and various others with unlikely names, Nick Bedding, Lee Paddon, Adrian and Lynne James (no relation), Hugh Southey (no relation either), Jon Barnett, Diane Love, Paul Phillipou, Peter Hobbs, Peter Rodgers, Nick Pyne, Andy Wood, Maz and Pete the Print.

Special thanks to all those who (knowingly or unknowingly) helped Mike from QEC; to those who didn't meet him—you have been warned!

Martin S Taylor

BELOW The Belt

AN AMUSING BIT of nonsense from Mr John Thole reached me last week. Mr Thole is a lecturer in the Department of Humanities and possibly is one of the few people in College who have any real say in the IC musical sphere.

College has a number of music practice rooms in the basement of the Department of Humanities, and Mr Thole is in charge of their administration. Until this term anyone who wanted to use a practice room had to get a key from the messengers in Mech Eng.

But Mr Thole has now changed the system slightly, and a letter from him sent out during the vacation to all authorised users of practice rooms says that in future a special pass will be necessary before a key can be issued.

Passes will be necessary, this letter says, from Monday April 25. But later on in the letter we read that passes will not be *available* until the afternoon of Wednesday April 27.

WHEN I WAS young and impressionable, about 6 months ago, I used to be hugely flattered by important-looking bits of paper which would arrive in the FELIX Office headed 'Press Release'. Here, I thought, was a communication from someone who recognised the importance of student newspapers in the business world, someone who has something worthwhile to say, yet is not too proud to conceal it from the lower echelons of the world's press, someone fair-minded enough to give a fair crack of the whip to each and every station of the fourth estate, however humble it may be.

I was wrong. Now that I am a disillusioned and cynical old man with six months of diary column experience behind me, I

have realised the truth behind these rather pretentious documents.

Suppose you are, say, a manufacturer of perspex toilet seats and you want to bring your product to the attention of as large a body of people as possible, using the press as your medium. The best way is to produce a slick advertisement, well designed, with lots of photographs and diagrams, and then to pay the horrendous advertising charges levied by the Sunday supplements to publish it. Unfortunately you can't possibly afford all this. The best you can manage is a roughly typed handout on your company's headed notepaper. What to do? Suddenly the idea comes to you. Heading your handout 'Press Release' you pad it out with the kind of jargon press releases contain. You replace the word *continued* at the foot of each page with the word *MORE* in capitals, and at the end you

write --END-- as if it were a computer program. (Without this terminating construction, one assumes that a hapless mechanical reader would scour the rest of the letter looking for more text and would eventually start again at the beginning, condemned to sit forever in an END-less loop reading about perspex toilet seats.)

Finally, as your master stroke, you *don't* send your press release to the national press where it will be carefully and promptly filed under WPB; instead you must send it to the student press where, with luck, a young and impressionable editor, short of copy, will be hugely flattered by your interest, and will give you rather more space than reader interest merits.

I had planned to expand on this subject for another few columns, but space is getting prohibitive, so I'll continue this topic next week when you can expect

—MORE—

Screw Archimedes

I'm sure that most reviewers approached **Eureka 18** directed by Nicolas Roeg, now playing at the Odeon Kensington, with a degree of trepidation. Mr Roeg's films are never straightforward, and one is always worried about slugging him off for fear of having missed the whole point of the film. Nevertheless, I shall bite the bullet: this film is a load of crud.

Our hero Jack McCann (Gene Hackman) is a gold prospector down on his luck in snowy Canada. Having all but given up, he slumps down beside a tree with the wolves sniffing at what they evidently consider an interesting hors d'ouvres. Now things get silly: flash bang wallop, a stone falls into his hand, a fire starts and frightens the wolves away. He staggers off to the local hotel-cum-brothel which is run by a gypsy type who fortells his fortune will be made and then tells him what she and her dead husband (probably dead from exhaustion) used to get up to. He finds the gold, becomes hideously rich, acquires a Greek island, a wife, a daughter and a son-in-law in that order and then gets bored. He becomes paranoid and believes himself beset by 'gold diggers' after his money. He despises his son-in-law who despises him for finding rather than working for his fortune.

Well, the rest of the plot is equally silly involving gangsters and rather spectacular murder for no readily apparent reason. The film is inexplicably set in war time and there are many factual errors. Roeg implies that this island sanctuary is passed by in the war raging on the continent; however, at one point his daughter mentions Rhodes which was Italian owned and forcibly occupied by the allies in 1943. But this is mere carping over detail—it just seems strange the way the American gangster is able to move so freely in such

dangerous times.

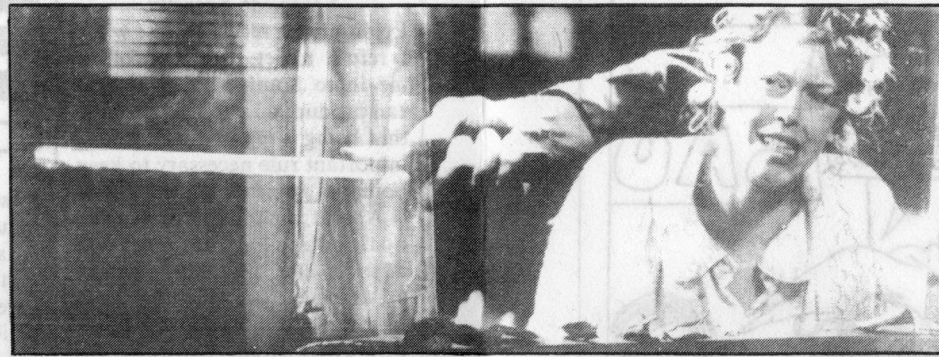
Roeg's style of editing consists of putting the film through a shredder and then glueing the bits together as seems appropriate. This is an interesting effect and can often be used to emphasise a point, as in *Bad Timing*, but here it merely adds to the confusion. It is a pity that he ruined what might have been a good idea with bad screenplay. Some of the violence is unnecessarily gruesome and there are no really good performances, although I suppose Gene Hackman acquits himself pretty well. But, if you want to see this man at his best, see *Carnal Knowledge* instead.

Sure of its footing, audience and approach comes **Friday the 13th Part 3**, 18, director Steve Miner, playing from May 12. Anyone who saw the two previous parts will know what to expect, but for those of you who remain in blissful ignorance I shall explain. This is full frontal no holds barred horror, gratuitous violence at its worst, and a real tour-de-force of blood and guts. While not a devotee of this genre, I recognise a masterpiece when I see it.

Despite all the gore they produce, horror films often have a puritan streak in them. In time honoured fashion, eight teenagers set off for a dirty weekend in a remote cottage and one by one are dispatched in gruesome and highly imaginative manners. The moral is simple: stay at home and be good or the nasty bogey man will come and cut your head off. This film continues the modern renaissance of 3-D, and you sit there with your specs on and gasp as things leap out of the screen at you. I suspect that its use will still be limited to the schlock-horror end of the market as this is where the greatest effect can be obtained, making the audience cringe and squirm in their seats, unable to detach themselves from the gruesome goings on on the screen.

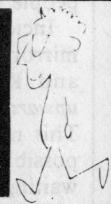
I must admit I found it all rather entertaining and in very bad taste

Lee Paddon



Here comes the chopper to chop off your head-Friday the 13th.

WALKABOUT-LOOKSEE
by Mobile Optics Inc.



Britain's first ever Cubist exhibition has just opened at the Tate Gallery. It's not a light-relief-from-revision exhibition: it's a superb display, in highly concentrated form, of the essence of Cubist 'reality'.

The exhibition has been selected and catalogued by Douglas Cooper, writer, collector, and friend of Braque and Picasso, and by the American art historian Gary Tinterow, and does indeed present 'The Essential Cubism'.

Approach via Benin

The roots of Cubism are in Cézanne's painting (pop into the National Gallery for a start) and in primitive Negro art (the Benin bronzes displayed at the Royal Academy last term). Cézanne had achieved a compromise

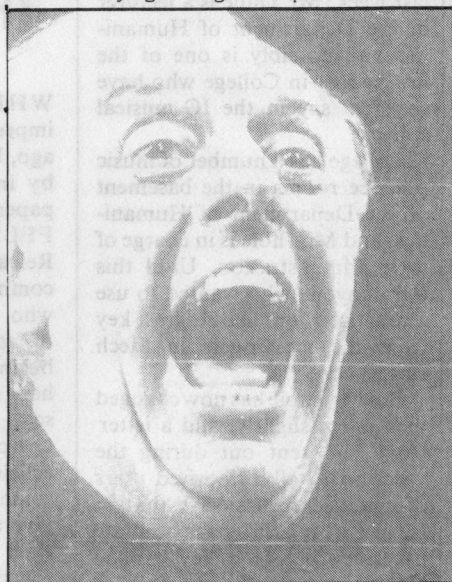
between the European tradition of naturalistic illusion and a self-sufficient pictorial composition. African sculptures and masks inspired a new freedom of form and technique. The result of these influences was Picasso's recognition that 'A head is a matter of eyes, nose, mouth, which can be distributed any way you like—the head remains a head'. And so art becomes an act of creation rather than imitation.

The first part of the exhibition is concerned with the balance between the internal reality of the pictures and the violins, glasses, figures and guitars they refer to. The fusion of at least three viewpoints in one pose in Braque's 'Grand Nue' (1907-8) represents the starting point. Picasso's 'Seated Nude' of 1910 emerges from the background by spotlighting and through the graceful lines of her breasts and arms and the curve of her neck. By 1912 the analysis of things seen has become almost monochromatic and is so complex as to obscure the link with external reality, making the original object, at the least, very difficult to recognise.

From this apparently dead end came the

18th Century France, has to instruct the young successor and son of the deceased in the arts, manners and typical attitudes of those in power.

In *The Technocrat*, Fo delivers a potted history of aviation (a bit in the Donald Duck style). He uses his American grammelot without saying a single comprehensible word



Dario Fo—conscience of an age

of English. *The Technocrat* has as its main character a great scientist who gives a lecture and demonstration on the infallibility of the scientific method and the superiority of modern man due to the technological development of flying.

The second half of this great show takes on

a flavour of mockery and subversion. In *The Resurrection of Lazarns*, set in the cemetery at Pisa, Fo plays a whole crowd of astonished people having come to see Christ 'do a miracle'. The main motif of this sketch is a satire on everything that contributes to the 'mystical experience'.

And finally, *Bonifvace VIII* (a bad Pope), paints the Pople of the 13th Century preparing for a procession by putting on the various garments symbolising his temporal power. At the same time, another procession crosses the city: that of Jesus Christ on his way to Calvary (a common element in Italian folk tales). Hardly surprisingly, these two playlets aroused bitter argument with conservative Catholic clergy and elements of the Italian Christian Democratic Party.

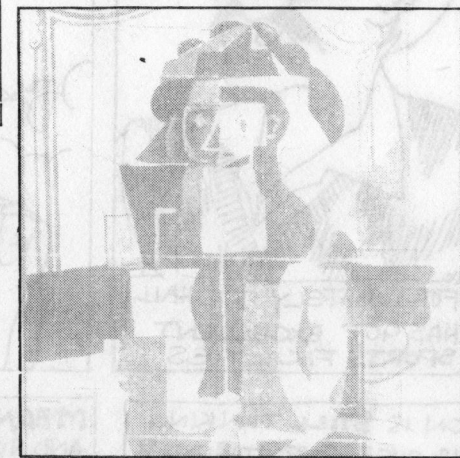
In *Mistero Buffo*, Signor Fo begins each piece by talking about its origins and background. He intersperses all this with jokes on diverse topics: Italian bankers and the Blackfriars Bridge, the Falklands War, the Pope. He doesn't speak a word of English—he speaks in Italian throughout, but this doesn't hinder one's enjoyment or understanding in the least. An interpreter and subtitles are on hand at appropriate points, however.

It's an extraordinary thing that although Fo has performed his *Mistero Buffo* literally thousands of times in Italy, his performance seems totally fresh and spontaneous. He is indeed a very rare comic genius.

Mistero Buffo is on until May 15 or until Signor Fo is arrested—which ever come sooner. Molto recommended.

Nick Bedding

delightfully simple solution of papiers collés: the cut out pieces are real imitations of reality! In 'Still-life with chair-caning' (1912), Picasso uses a piece of oil-cloth printed with the pattern of wickerwork chair-caning, and Braque often uses wood-grained wallpaper—paper masquerading as wood. The collages have a spare, uncluttered elegance and are full of humour. In Juan Gris' 'Man in a Café' (1914), newspaper headline is a joky reference to one of Cubism's preoccupations—'On ne



Cubism—waste of canvas?



The Fulham Road goes on for ever but Fulham proper doesn't start until Stamford Bridge from where the Fulham Road curves reluctantly into the shabbiness of Fulham Broadway with its bingo hall, chip shops and cafés. This is a seige town, holding its breath in anticipation of the weekly invasion of hordes of Chelsea fans, where the cavalry wear blue and arrive well before the nick of time, in green coaches.

Beyond lies a no-mans-land of low rise council blocks and then on to posh Fulham. The drabness of the Fulham Road belies this description but then it is merely a kind of alimentary canal (don't ask which end is which) serving a monied hinterland.

As with all alimentary canals, food is a major pre-occupation and many are the establishments which have sprung up to cater for those inclined, on occasion, to defrost their Neff ovens and Poggenpohl fitted kitchens. At the Fulham Broadway end, the only eating place of note is FAWLTY TOWERS (516 Fulham Rd, 736 0240), marked more by its memorable eccentricity than its unmemorable—but perfectly edible—food, this establishment attempts to recapture the atmosphere of its TV comedy namesake. Particular attractions are the obligatory rat sandwich start featuring a large plastic rat, various nasties falling out of the rafters into your soup and endless John Cleese tapes monopolising the sounds system. The waitress volunteered the information that the restaurant is very popular with office parties where apparently this kind of behaviour is considered rather a hoot. Prices are somewhat above the Gastropod norm but if you are thinking of organising an office party, no doubt you will find the extra well worthwhile.

Well into the posh bit: CARLOTTES, good food and a fairly live pianist, but can be a bit

truquera plus les oeuvres d'art'.

Synthetic Cubism

As well as playing on art's relation to reality, collage represents a new concept in art that goes beyond the technique of cutting and sticking. The picture surface is now the furthest point from the observer, not the nearest. The space which was an illusion just behind the surface, is now on or just in front of it. Planes and lines appear to interact on a platform in telephoto compression. And, just as papiers collés can be applied to a canvas, so can painted planes, resulting in simpler, more lucid compositions—Gris' 'Watch' (1912), and Picasso's 'Pierrot and Harlequin' (1920) are particular beautiful examples.

In the synthetic phase of Cubism, representation of reality is the aim rather than the starting point and reality is seen to lie beyond objective perception. 'Nature and art being two different things cannot be the same thing', Picasso wrote. This, maybe, is the essential message of Cubism—through a revolution in artistic style it expressed a new meaning of 'reality' in art, a meaning which pervades the 20th century.

Where? When? £?

'The Essential Cubism 1907-1920' is at the Tate Gallery, Millbank until July 10. The exhibition is open Monday to Saturday 10:00-17:50, Sunday 14:00-17:50. Admission £1 for students, otherwise £2.

expensive, especially if you succumb to the cocktails.

RED ONION BISTRO (636 Fulham Road, 736 0920)—calling this place a rip off, I am giving it the best review it is ever likely to get.

CROCODILE TEARS (660 Fulham Rd 731 1537): actually, they don't even weep crocodile tears when they hand you the bill but, apart from the fact that it is over-priced this is a fairly acceptable eating place. A trendy wine bar on the ground floor leads, via a trendy spiral staircase, to an even trendier eating place in the basement. Food is of the Chicken Kiev variety and oi

Kiev variety and portions can be on the small side, but the waitresses are pretty and the wine is good, so what the hell!

PIZZA THE ACTION (Geddit?) (678 Fulham Rd 736 2716): Groan! Anyway, since the disappearance of the two male waiters who kept groping each other in full view of the diners this has become one of the more attractive eating places in Fulham. Interesting decor combined with good value pizzas and palatable house wine.

SHAHEEN TANDOORI (686ish Fulham Rd): This popular and inexpensive Indian restaurant is a must. The full range of standard Indian fare is on offer and an excellent meal together with a pint of lager can be purchased for well under a fiver. Extra hot phal sauces are available on request, but for alimentary canal reasons are best left alone.

PETER'S PLACE (766 Fulham Rd 736 4376): A reasonably priced Greek restaurant with a pleasant atmosphere and good food. Try the Meze (a little bit of everything) at £12.00 for two.

STARLIGHT RESTAURANT (at the end of the Fulham Road): to all intents and purposes, a workman's cafe but if you can stomach the decor it offers excellent value for money.

LA BELLE EPOQUE (45 Fulham High Street 736 4372): round the corner in Fulham High Street you can find one of the better value Fulham eating places. Most of the menu is taken up with burgers, but the steaks are good value as well. Puddings are rather disappointing and the service can be incredibly slow. Worth trying if you're not in a hurry.

Friend or Fo?

Dario Fo in his classic *Mistero Buffo*, Riverside Studios, Hammersmith.

Friend or Fo indeed. One of the greatest talents in contemporary European Theatre, actor, director, clown, mime artist, spokesman for political theatre and author of the hugely successful *Accidental Death of An Anarchist*, *Can't Pay Won't Pay!* and *Female Parts*, Dario Fo draws enemies as well as audiences.

The jovial communist hasn't just suffered endless censorships at his adversaries' hands. Several bold and determined attempts have been made to run him over (nasty Italian habit that). He has suffered police harassment, evictions, kidnapping and imprisonment and has even been in gaol. His wife and co-author, Franca Faine, has been abducted and beaten up. He's an extremely likeable man but it is his communism that gets people you see. (In May 1980, Fo and Rame were denied entry visas into the US. The time was 'not opportune for a visit' according to the American Consul in Milan.)

Such experiences are enough to make the most hardened individual bitter. Not so with Dario Fo. On the contrary, he has a positive iust for life and a marvellously large and contagious smile. Slightly corpulent with a little white hair, he is what one imagines a merry monk to be.

Like all Italians, Signor Fo uses his arms for dramatic effect. 'Sono magnifici e stupendi' he says of the Pope's vestemtns with an expansive gesture of the arm. 'Fantastici Gloriosissimi' he grins. Like his plays, he is

fast moving and bouncy.

Riverside Studios have just opened with his famous *Mistero Buffo (Funny Mystery)*. This is also Fo's British debut.

Mistero Buffo is a unique, original and hilarious spectacle. It is inspired by the tradition of the *giullari*, the medieval strolling players and storytellers of the Po Valley who busked and performed to the peasants of Europe in squares and piazzas, frequently on the run from persecution and censorship. *Mistero Buffo* combines popular legend, newspaper, farce and entertainment with political and cultural satire and discussion with spectators. It has lost none of its contemporary relevance, and in the sketches Fo attacks bigotry, repression and blind obedience to authority.

The first half of the show consists of three *grammelots*. The grammelot originated in the 15th Century as a means of evading censorship. It was a kind of garbled speaking, leaving spectators to appreciate what was intended through bodily gesture instead—if they had sufficient imagination. Fo has developed a form of grammelot, a totally onomatopaeic sound system in which few recognisable words, if any, occur, but accompanied by a highly expressive body language. Fo's grammelot is adapted to any language (including American) and is even extended to represent sounds of machinery at work. It is also very funny.

The first is the *The Hungry Zanni*. Zanni who is directly related to the peasants of the Po Valley, imagines in his hunger that he is eating himself and goes on to eat people standing around listening to him. He then eats the mountains, and even God!

In *Scapino's Teaching Lesson* we see a tutor who, at the death of the lord of the manor in

CUDDLY EXOCET

REX MAESTRO IS REVISING



NOT FORGETTING THE SAUNA - IT'S ALL VERY NICE, QUITE LUXURIOUS

SAU



THERE IS EVEN A PLACE FOR TABLE TENNIS... WITH ALL THESE IMPROVEMENTS IT MAKES ME WONDER IF PERHAPS.



IC UNION IS STILL THINKING OF MOVING OVER TO SOUTHSIDE?



MEANWHILE, PRINCE WILLIAM AND HIS NANNY ARE ARRIVING AT HEATHROW

BLOODY RAIN! GIMME 'STRAE EV'RY TIME



Rhyno takes a look at CRITICON, Imperial College's critical review magazine and creates critical review for critics.

Rampant Ramblings

Criticarp

A most entertaining piece of prose fell into my lap the other day, and I felt the opportunity was too good to pass up.

Firstly let's explain the setting: Imperial College Palm court Symphonia has just performed (?) three pieces by Tchaikovsky, Mahler and Walton. Enter our intrepid hero, the immortal music critic Peter Wohlfarth, tar

brush in one hand, a set of aging Teutonic programme notes in the other. He mounts his faithful but ailing steed, CRITICON, and rides forth into...the Concert review.

It contains all the gorgeously florid phraseology worthy of a £2.99 Classics for Pleasure record sleeve. Or was that the sleeve pleasure classic at a record £2.99. Or the classic pleasure for sleeves, recorded for £2.99. I forget. It also becomes apparent during the review that Mr Wohlforth has recently taken a correspondence course in German. Spurious phrases such as *Das Lied Von der Erde*, *Ging herd morgen übers Feld* and *hum it to yourself* seem to appear randomly throughout the text.

The man's astonishing perception strikes one immediately. Mahler, we are told, has the ability to express all the fears and aspirations of mankind (no doubt on a plain postcard in a witty and original fashion mentioning Brand X soap powder in not more than fifteen words).

Does this imply that Mahler also managed to experience all man's aspirations? (he obviously

got around a bit) or perhaps he just liked meeting people.

The wordy Wohlfarth ploughs on through the miry cultural expostulations to bring us Life, Death and early Jewishness.

Only in the last half of the review are we treated with a little resumé of 'how the orchestra did it', by way of relief from our cultural edification.

Judging by his lack of comment, our reviewer clearly hasn't discovered the Penguin Book of Tchaikovsky yet, or is perhaps unable to cope with a Russian correspondence course. So, of course, Tchaikovsky, Walton and Barry Douglas are condemned out of hand, as a sort of also ran footnote. Perhaps Mr Wohlfarth should have stuck to three blind mice.

Which leaves one wondering if a man of such culture, such undiminished arrogance, and unquestionable verbose pomposity might not be a suitable candidate for Prime Minister, Leader of the EEC, or even ICU President.

Rhyno

Bookshop News

With regard to last week's front page, one of my staff's only comment was 'He has still got his shoes on'. If the gentleman concerned is going to make this a habit along the Walkway, would he consider selling advertising space?

New Titles

A hundred years ago - Ford & Harrison, Penguin £10.00
Hidden Places of Britain - Leslie Thomas, Penguin £4.95
Barbecue - Maggie Black, Foulsham £3.95
Dear Bill - Ingrams & Wells, Private Eye £2.50
The Other Half - Ingrams & Wells, Private Eye £1.95
One for the Road - Ingrams & Wells, Private Eye £2.50
Vintage Thurber V2 - Penguin £4.95
Selected Letters of James Thurber - Penguin £2.95
Genetha - Roy A K Heath, Allison Bushby £2.95

Adams Story - Buchin Emechesta, Allison & Busby £2.95
An Imagined World - June Goodfield, Penguin £1.95
Twice Shy - Dick Francis, Pan £1.75
Roses in Winter - Joan Dial, Fontana £1.95
Das Reich - Max Hastings, Pan £2.50
A Married Man - Piers Paul Read, Pavanne £1.95
A Women of her Times - G J Scrimgeour, Pan £2.50
Visions Before Midnight - Clive James, Picador £1.95
Into that darkness - Gitta Sereny, Picador £1.50
Lusitania - Colin Simpson, Penguin £1.95
The Gate of Heavenly Peace - Jonathan D Spence, Penguin £4.50
Shearing the Ghosts Face with Ink - Raymond Van Over, Picador £2.50
Phantom - Thomas Tessier, Pan £1.75
When the Tree Sings - Stratis Haviaras, Picador £1.95
Celebrity - Thomas Thompson, Penguin £1.95
The Intruder - Gillian Tindall, Pavanne £1.95
McCarthy's List - Mary Mackey, Picador £1.95
Diana Cooper - Philip Ziegler, Penguin £2.50

Dramsoc

Dramsoc are once again going to the Edinburgh Fringe (the world's largest drama festival). This time under the pseudonym 'Beit Theatre'. We have to change our name as people wouldn't pay to see us if they thought we were a bunch of posing students.

The three productions we are taking are: *Between Time and Timbucks* by Kurt Vonnegut, to be directed by Mick Thackray and Colin Cooper. This is a space fantasy TV play with a relatively large cast (10 to 1000s) and a lot of scope for creative costume design and technical effects.

What Do You Say When You Say Goodbye by Melodie Shan, a small cast play which will be directed by Nick Moran and *A Dramatic Anthology of the Metaphysical Poets* devised by David Simmons. This will have a cast of about five and hopefully one lute player.

Auditions: These will be held on Wednesday May 11 at 7:30pm. Meet in the Dramsoc Storeroom beforehand.

We are renting the venue in Edinburgh for the entire four weeks of the fringe, and subletting slots to other groups outside College (some of them professional). This means we need people there throughout the four weeks to manage the technical side, and run front of house. We also want people to deal with publicity, for instance posters have to be put up everyday as they get taken down so quickly.

If you are at all interested in any of this RUSH to the storeroom NOW and sign your name up on the list of people thinking of going to Edinburgh (this also applies if you want to act but can't make it to the auditions).

PS: We still have two unsaleable morning slots left, suitable for children's shows. So if anyone can come up with a kiddies alternative to Breakfast Telly (preferably non-sexist, non-racist, non-militarist, etc) see Colin Cooper within the next week. A lot of money can be made from this sort of show if it comes off.

CND

We have invited Prof Mike Pentz, the vice-chairman of CND to address a meeting at lunchtime on Thursday May 12. He will speak on: 'The Cruise Missile—'Deterrent' or a weapon for nuclear war.'

Mike Pentz was a professor of physics here at IC, and many of you may remember his debate last year with Lord Chalfont, which he dominated. He is an accomplished and provocative speaker and well worth an hour of your time. The meeting will take place in Physics LT1 starting at 1:00pm, and we look forward to seeing you there.

ICCND Group

STOIC

Good day and welcome to the twenty-fourth week of full frontal television. Due to a severe technical production problem (known as an almighty cock-up), Michael Palin got away last week but now we have found the scissors and sticky tape we should be able to edit it in time for this Tuesday. Watch out also for our new fine weather service—including satellite pictures more up to date than those on BBC and ITV programmes; so if you want to know whether the sun will shine (and if so which part of Paul Simion's anatomy it will shine out of)—see it first on STOIC.

Windband

Calling all wind players—this term sees the repeat of the smash hit '1812' by Tchaikovsky, under the Queen's Tower, complete with live mortar effects. We still need more players to supplement the band we have at the moment, so if you can wield a wind or brass instrument please come to the Great Hall on Monday at 5:45pm to give us a hand. To whet your appetite, we'll also be playing the Dambusters March (flying goggles not compulsory). The concert will be at 1:00pm on Tuesday May 17. See you there!

Chris

Opsoc

A fortnight frolic 'midst the sun, sea and sand of delectable Devon!

Sounds good, doesn't it? It's the Imperial College Operatic Society's Summer Tour to Budleigh Salterton in Devon. This year we are performing Gilbert & Sullivan's *The Gondoliers*, a splendid show full of well-known music. The dates are July 23 to August 7 inclusive.

We need new members, though: Singers, orchestra and stage crew. We rehearse every Tuesday at 7:30pm in the Music Room, 53 Princes Gate. Come along and see us at rehearsal or in the Southside Bar afterwards! Alternatively you can contact us via IC Union Office or Clive Paget, Elec Eng 2. It is not yet too late to join, but don't leave it too long!

RCS

The details for Silwood tonight: sherry will be served in the Bot/Zoo Common Room between 6:30 and 7:30pm this evening. The first coach will leave at about 7:00pm.

Next week we have the AGM on Tuesday and Joint General Committee on Thursday. The AGM starts at 1:00pm at Chemistry lecture theatre A/B—just to confuse any would be C&G Mascoteers. As usual this will be followed by the new exec initiations (revenge will be sweet). That evening there will be an impromptu bar night.

The Joint Gen Comm starts at 6:00pm in the Lower Refectory (not the SCR) following the old (?) exec play the new exec at wine draughts (groan). All reps, this year's and last, are expected to attend as there will be lots to discuss.

Finally a reminder that the Rag Fete takes place next Saturday (May 14)—if you have any ideas for stalls, etc, see myself or John Ferguson (Physics 2) after all he's supposed to be organising the whole thing.

See you this evening.

Fiona

ΨΦ Soc

I risk my safety with this revelation, but I feel that the details of my friend Prof Paul Stark's discovery must be voiced to the scientific community—and I use this surreptitious means to do so, maintaining my anonymity into the bargain.

Some days ago Paul rang me in the early hours of the morning, telling me that he had at last developed a hundred percent efficient synthetic elastic. He urged me to go down to Cambridge straight away. As soon as I put the phone down the dangerous implications of his discovery dawned on me. I rang back but there was no reply.

The sun was rising as I made my way to Paul's lab. The door was locked but the window through the door revealed Paul's fate. Debris lay about the room, of both metal and flesh. Blood splattered the floor and walls, and a tiny black ball, looking just like a child's power ball, ricocheted around and around the room, never stopping. Paul was wrong, the elastic was more than 100% efficient. The thump of the ball on the door grew louder.

The army has cordoned off Cambridge and MI5 want to 'talk' to me.

Doctor X

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*Delete if not applicable.




BARCLAYS

SPORT

with 18 year old Jahangir Khan v Hiddy Jahan (both Pakistan) and England's Lisa Opie v Vicki Cardwell (Australia). If you find retrieving or boasting difficult then the film should certainly leave you with a few ideas!

Squash 

Tennis 



Roger Williams on a Flier at the Redman team trial.

The season's ended but the squash (basketball, ice hockey, etc) goes on. News in brief: there are still a few tickets left for the Harlem Globetrotters at Wembley next Friday evening. (Kick off is at 7:45pm.) Meet 5:30pm sharp at IC Sports Centre.

The jumpers will arrive next week. Half-a-dozen grey sweat-shirts, with the black T-shirt logo printed on, have been ordered and are well worth considering.

Details of the above are, as usual, at the Sports Centre. Finally, any member is welcome, upon payment of a £36 fully refundable deposit, to borrow the Club's ninety-minute videocassette recording of the 1982 British Mens' and Ladies Open. It's on VHS format and closes

Dear Tennis Club Members

Last term was quite successful for the club. The mens firsts came third in Templar's Winter League, and did well in friendlies. The most notable result was the 9-0 thrashing of Loughborough Seconds.

We have a full calendar of men's (first and seconds) and ladies team fixtures this term. We aim to cap an enjoyable year with cup success.

I would like to remind all club members that they may use the excellent grass courts at Harlington this summer. Coaches are available on Wednesdays and Saturdays. Further details are on the club noticeboard.

Best wishes for the coming season.

Badminton 

is badminton on Tuesday and Friday evenings in the Volleyball Court. All are welcome to attend.

Thirdly the visit by Trinity College Dublin must be reported. Before Easter a team from Trinity played IC in a very light hearted match. No score was kept as such, but it was apparent that IC had lost. However, a good time was had in the evening when a local hostelry was patronised. The Irish, used to extortionate prices, proceeded to drink far too much as did Ian. The photographs prove this (£5 for the negatives, Ian!).

A few important things need mentioning. The club AGM will be on Friday May 20 at 7:00pm in the Volleyball Court. All members are welcome to attend and stand for any of the positions of responsibility. Papers are now up.

Secondly, an apology. Due to a total unavailability of the Great Hall on Monday evenings there can be no badminton on these evenings. However there

ICU Athletics Clubs Committee present

SPORTS DAY

This Saturday (May 7).

At Motspur Park.

Entry forms available from the Union Office.

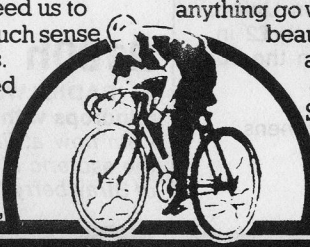
Coaches leave Beit at 12:30pm.

Late entries accepted.

ALL ARE WELCOME!

SIT ON IT

You don't need us to tell you how much sense a cycle makes. But you do need us to help you choose your next bike. We'll service it, guarantee it, and should anything go wrong, repair it beautifully. And we also offer a 10% discount. So even though you'll be getting around town faster, your grant will go slower.



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London SW10, 01-352 3999
FULHAM CYCLE STORE
917-921 Fulham Road,
London SW6, 01-736 8655

10% STUDENT DISCOUNT





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Entrance on
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Tel: 584 7258

Opposite Natural History Museum, 2 mins from South Kensington Tube

COCKTAIL AND WINE BAR

Open

Monday-Friday: 6:00-11:00

Saturday: 8:00-11:00

INTRODUCING HAPPY HOURS

6:00-9:00pm

Cocktails at £1.50 & Drinks 80p

STUDENTS NIGHT MONDAY
COCKTAILS £1.50 ALL NIGHT
6:00-11:00pm

LINSTEAD HALL Appointment of Subwarden

One of three residential sub-warden posts in Linstead Hall will become vacant this term. Applications are invited from academic or research staff members, or from postgraduate students. The Hall has 188 residents, and the duties of sub-wardens are to assist in the social and financial arrangements, under the general direction of the Warden. Rent-free accommodation is provided, suitable either for a single person or a couple (without children). The posts are for one year initially, but applicants who can offer a further year or two will be particularly welcome. Please apply in writing, describing any relevant experience to the Warden, Dr M D Carabine, before 15 May 1983.

SELKIRK HALL Subwarden and Assistant Subwarden

Applications are invited from post-graduate students or members of academic staff for the post of Subwarden of Selkirk Hall. The Hall has approximately 48 male and 24 female residents and is situated in Southside. The role of the subwarden is to assist the warden in general administration and help promote social activities among residents. Appointment is initially for one year, but is renewable annually for up to three years. A small rent-free flat is provided.

A post of assistant subwarden tenable in either Selkirk or Tizard Hall is also available and provides rent-free accommodation.

Applications for either post should be sent to Dr M H R Hutchinson, Selkirk Hall by March 20 1983.

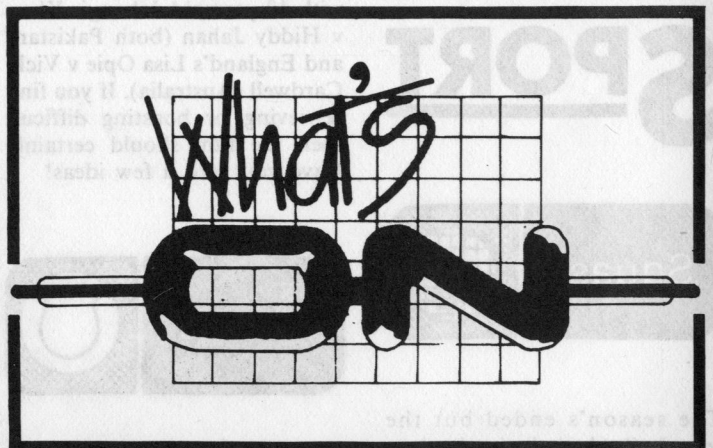
Day Nursery Annual Jumble Sale

10am-2pm

Friday May 13 in the
Consort Gallery

Level One, Sherfield Building

For further information contact Sylvia Stirling, int 3844.



Today

1230h

JCR

Liberal Club Bookstall
Membership of Union of Liberal Students, Young Liberals, Liberal Party available.

Lunch JCR

ICNAC (BUNAC) weekly meet.
Look for the stars and stripes.

1255h Union Concert Hall
Islamic Society Friday prayers

1830h Music Rm, 53 Princes Gate

Christian Union meeting All welcome. Coffee at 1800h.

1900h

RCM
Concert Hall

RCM Student Association
Concert Ravel: Tombeau de Couperin, Mozart: Flute and Harp Concerto, Beethoven: Symphony No 7. All free!

1930h

ULU
Malet ST

Sisters of Mercy, Laughing Clowns and The Smiths play at University of London Union, Malet St, WC1. Prices £2 in advance or £2.50 on the door.

2230h Falmouth Kitchens
Soup Run

Saturday

1800h

301m
MW

IC RADIO Chartshow with Ajay.
-Even if you don't keep your radio in the sink, tune in and listen to this week's Top 30.

2000h

301m
MW

IC RADIO Neil Collins show featuring Round Table. *In Round Table, many famous and influential celebrities are invited into the studio to give their opinions on new releases. Few ever take up the offer. However I do know that there will be a famous UGM chairman, a (relatively) famous IC RADIO DJ and a very famous feline, to name but a few.*

Sunday

0915h Sherfield Building. Look for sign on Consort Gallery door.

WLC Prayer Meeting.

0930h Beit Arch
Cycle Ride

1000h Consort Gallery, Sherf.
WLC Communion Service
Coffee afterwards.

1100h More House
Catholic Mass

1300h Union SCR
Wargames Club meeting

2100h

301m
MW

IC RADIO Walk between the raindrops with Neil Sykes.
I am now at liberty to mention the esoteric IC RADIO concept of Strawberry Nose, but I shan't.

Monday

1230h Rag Committee Office
Community Action group meet.

1930h JCR
Advanced Dancing Class

1930h Elec Eng 408
Wellsoc Free to members.

Tuesday

1230h Southside Upper Lounge
Boardsailing club meeting.

1230h Elec Eng 606
Pimlico Connection weekly lunch.

1245h Southside Upper Lounge
Cycling Club lunchtime meet.

1230h Chem 231
Catholic Mass and lunch

1300h Upper Union Lounge
Audio Soc Record Club. All currently available albums at fantastic prices.

1300h TV Lounges
STOIC Michael Palin interviews Dave Owen.

1300h Bot Zoo
Nat Hist Soc meeting to discuss arrangements for weekend trip to East Anglian nature reserves on May 13-15.

1730h Brown Committee Room
Amnesty International meeting.

1800h TV Lounges
STOIC

1800h TV Lounges
STOIC Michael Palin's second interview with Dave Owen. *—probably much the same as the first.*

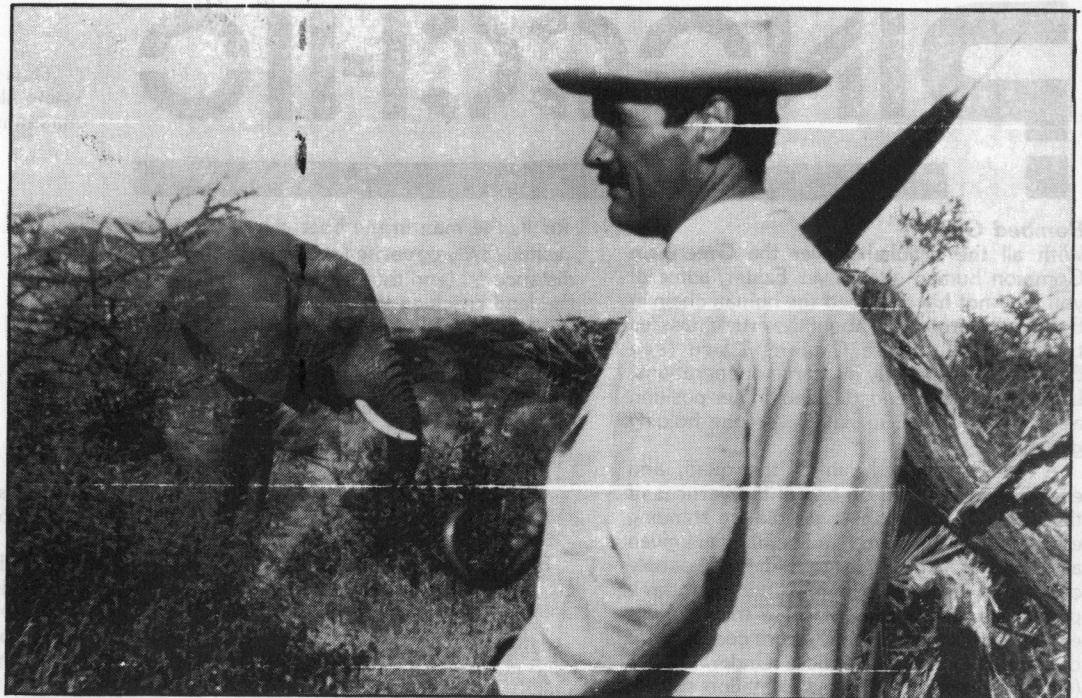
1800h Civ Eng 201
Civil Engineers for Nuclear Disarmament speaker meeting and discussion.

1800h Southside Upper Lounge
Boardsailing club meeting.

1830h JCR
Silver Medal Dancing Class

1830h Mines 303
Photosoc lecture on Astro-photography. Free.

1830h Union Gym
Judo Practice Admission 25p



—Michael Palin NOT interviewing Dave Owen. For Michael Palin interviewing Dave Owen, see STOIC on Tuesday.

1830h Upper Union Lounge
Audio Soc Demonstration The A&R A60 lead the sub-£200 amplifier race for a long time but with products from Naim, Crimson and Exposure joining this area of the market, can the recently improved A&R compete? Come and find out at the last demonstration of this term. (A very special event is planned for May 17 so watch this space)

1930h Music Room
Opsoc rehearsal for our summer production 'The Gondoliers' by Gilbert & Sullivan.

1930h JCR
Intermediate dancing class

2230h Falmouth Kitchens
Soup Run

Wednesday

1300h Union SCR
Wargames Club Meeting.

1315h 9 Princes Gdns
Islamic Soc Quran Circle

1830h JCR
Bronze medal dancing class

1300h 341 Huxley
Senior Christian Fellowship
The Gospel of John: Study 2.

1345h Beit Arch
Cycling Club training ride.

AFTERNOON 401 RSM
Microcomputer Club meeting.

1900h RCM Parry Theatre
Ring Around the Moon, play performed by RCMSA Drama Society. 20p programme, admission at the door. Performance repeated on Thursday and Friday.

1930h Dramsoc Storeroom
Auditions Dramsoc is taking three productions to the Edinburgh Festival Fringe. Auditions for parts are open to ANYONE interested, the Festival being over the last week of August and first two weeks of September.

Thursday

1300h Physics LT1
ICCND Mike Pentz, formerly a professor of physics at IC, and vice-chairman of CND speaks on 'The Cruise Missile—'Deterrent' or a weapon for nuclear war?

1300h Green Committee Room
SF Soc library and committee meeting.

1300h TV Lounges
STOIC

1730h Aero 254
Gliding club meeting.

1800h TV Lounges
STOIC

Coming Soon

FRIDAY 13 MAY

1945h Wembley Arena
Squash Club night out to see Harlem Globetrotters. Meet 5:30pm at Sports Centre. Tickets are £4.70 and only available from D V Molesworth, int 3880, GPO 589 5111 ext 1566 or 731 6301 late evening. Limited numbers only but non-members welcome.

FRIDAY 13 MAY

2100h Southside Bar
Jazz Club The Red Sharks, a rhythm'n'blues band from Essex.

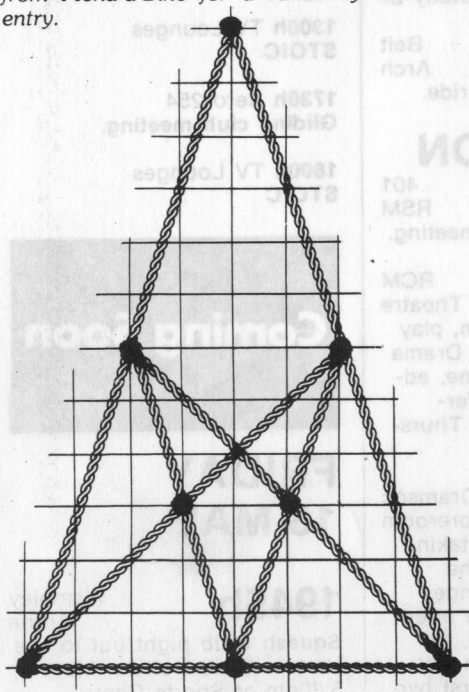
PINOCCCHIO

Bombed Out

With all the brouhaha over the Greenham Common human chain over Easter, some of you may not have noticed the human chain in Beit Quad, protesting about the cruise missiles to be sited on the Queens Lawn (see FEELSICK). The lady in charge of operations, Lady Ugly Wasteland, decided, in her position as a Peace Artist, to have everyone holding garlands.

A grid is marked out in the quad, and everyone is to stand on one of the vertices of the grid. Whenever three people are standing equally spaced in a straight line, they are given a garland to hold. No more than three people can stand in a straight line, nor can three people stand in a straight line if they are not equally spaced. At first the entire complement of People In Social Services Under Protest (eight of them) stood in the formation shown, and between them carried seven garlands. Later, when the President of IC Union, Steel Goolies, came out to talk to them, the nine of them stood in a new formation; what is the maximum number of garlands they need?

Solutions, comments, criticisms to me at the FELIX Office by Wednesday, 11:00pm. £5 from Mend-a-Bike for a randomly selected entry.



Last week's solutions

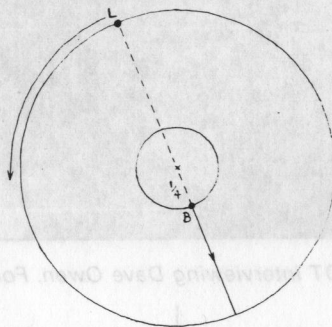
Part the first

Quite a few people entered this, but I soon realised the error of my ways—people, upon seeing a puzzle like this, sent in vast tracts of algebraic calculations. All I needed was a sensible diagram!

Assume, without loss of generality, that the pond is one unit in radius. The man in the centre of the pond, can row at the same angular velocity as the man on the outside can run, at a radius of one quarter. Inside this smaller circle, the man can row at a faster angular velocity than the man on the outside, and can thus reach the position shown (the man in the rowing boat is marked B; the man on the land is L). From here, by making a dash

for it, the man in the boat can reach a point diametrically opposite the man on the land in a distance $\frac{3}{4}\pi$ (and thus in time $\frac{3}{4}$), the man on the land reaching that point distance π away, in time $\frac{\pi}{4}$ which is greater than $\frac{3}{4}$.

Of the seven entries, the randomly chosen winner was N Gorsia of Maths 1 who can collect his £5 cheque from the FELIX Office after 1:30pm on Monday.



Part the Second

Well, this is a bit complicated. Take the following argument: 'Once the boatperson has established a strategy, it is pointless for the man on the land to reverse direction, since the boatperson can reflect his strategy or carry on the same one, whichever gives him the greater advantage'. Accepted? Well, just accept it for this issue.

Now consider the boatperson's path takes him from a point on the inner circle B, to a point on the land B' (we start on the inner circle since this is the largest radius from which we can be sure that the boatperson can be diametrically opposite the landman). The path taken by the boatperson is clearly a straight line; this is the shortest path between the two points. Produce a tangent from B to the inner circle, which cuts the larger circle into two pieces, X and Y. To reach any point in Y, the boatperson clearly has to cut into the inner circle; when he again reaches the edge of this inner circle, he will be in the same position as before, or in a worse position, since the man on the outside can then turn round and be closer to the boatperson.

The point of destination of the boatperson therefore lies in X.

Now we require calculus. Look at the following diagram:

L represents the starting position of the man on the land.

P is the tangent from B produced.

O is the centre of the pond.

B and B' as before.

The man on the land starts running anticlockwise. The minimal distance from the point L will reach to B' (A, say) is given by $A = L'B' - R \cdot BB'$

where R is the ratio of the speeds, and L'B' is taken around the circumference of the circle.

If θ is the angle B'OB, then, using the cosine rule,

$$BB' = \sqrt{1 + r^2 - 2r \cos \theta}$$

where r is the radius of the pond, =1 (say)

$$L'B' = \pi + \theta$$

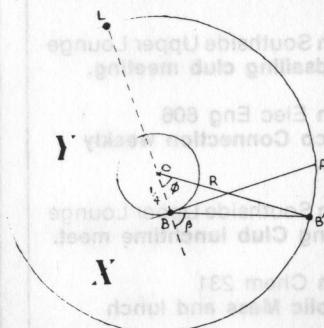
Let D (the D-operator) represent differentiation with respect to θ .

$$D(BB') = (r \cdot \sin \theta) / BB'$$

$$\text{So } D(A) = 1 - (\sin \theta) / (BB')$$

$$= 1 - \sin \theta > 0 \text{ for } \theta > \pi/2$$

Thus B will obtain the greatest advantage by going along a tangent to the inner circle. The maximum ratio of speeds can then be found.



This solution is slightly simplified, and leaves many problems, some trivial, some more difficult. What is the best solution if the man on the land changes direction? What do you do if he oscillates infinitely?

Anyway, my thanks to Dr Pretzel for such a great puzzle and congratulations to Ken Morison, Chem Eng PG, who was the only person to even come close to the solution.

Cue for a puzzle

And now the moment you've all been waiting for. I'm not sure how valid the first two solutions are, not being too well acquainted with the game of snooker, but I am assured that they are well within the rules.

1. The highest break possible is 162 and is achieved thus: you give away, without having potted a single red, 159 points. Your opponent then gives away a foul worth 4 points, but makes it a foul snooker. You then pot any colour as a free ball, then the black, then a normal 147 break (all reds with blacks, all colours). The score is then 159 all, with you on a 155 break. The black is then respotted, which you pot first shot, to give yourself a break of 162.

2. The lowest total score with all the balls down is 31 points; this is achieved by putting all 15 reds down in one shot, and putting the white down in the same shot, which is a foul shot, giving away four points. The colours are then potted, a total of 31 points.

3. Finally, a break of eight points in which the yellow (worth two points) goes down four times is; your opponent gives away a foul, giving you a free ball. You pot the yellow (one point), follow it with a colour—the yellow (three points), then pot the last red on the table (four points). The colour you then pot is—believe it or not—the yellow, followed by the first of the colours to go down, the yellow (eight points).

Port-Passing Pranks

The seating arrangement was:

Reisenschein	
Admiral Z	Gunter Schutzem Asst
Heidensieck	Di Van Zoom Asst
Gunter Schutzem	Admiral Z Asst
Di Van Zoom	Heidensieck Asst

Reisenschein passed the port to his left (clockwise). Hence, Di Van Zoom purloined the port, and three people hadn't any, viz Gunter, Heidensieck and the Admiral.

Of the two people who entered this puzzle, R Tan of Chem Eng 2 was selected as the winner, and can collect his £5 from the FELIX Office after Monday 1:30pm.

EXEC NEWS

President's UGM Report

1. Lauwerys Report

I have drafted a detailed response to the Lauwerys Report on the future of residence at Imperial College. The major reason for the report was the pressure for highly efficient management brought about by new UGC regulations concerning the amount of central funds that could be spent as a dispensation to the residence account. The report had two major themes: (1) the need to lower the 'subsidy' of residence; (2) the appointment of a Residential Services Manager.

The College 'subsidy' is substantial (of the order of £300,000) and does not include any estimate of cost of administration time to maintain the residence. The report recommended that this sum should be fully isolated and transferred to an independent residence account. This would clearly have an enormous and unacceptable effect on rent bills over the next few years. I would therefore like the UGM to adopt my response to these sections of the report:

Recommendation 4

We have no object to the costs that arise to the College by having Student Residence being identified. However, this must include some estimate of the benefits that accrue to the College by being able, for example, to offer incentives to all first year undergraduates and to some groups of overseas postgraduates. It is possible that unless the College is prepared to spend a great deal of administrative time isolating these sums precisely only a very general estimate will be able to be compiled. I would hope that it is the case that the College charges the residence account a realistic price for services offered and, where appropriate credits the residence account with interest received on the balance held by the College.

Recommendation 5

We reject the suggestion that it is possible for the residence account to bear the full cost of the removal of the UGC dispensations. There are clear limits to the extent to which student rents could rise to meet this. The Union would find it totally unacceptable to allow student rents to rise, in percentage terms, more than the maintenance grant. In addition the pressures of the market place would dictate an upper ceiling with places going unfilled. Therefore money would have to be found by the sale of the assets of the Students Residence Committee (one assumes that if residence are to be self sufficient they will be given the ownership of the Halls/Houses) to fund the shortfall. This policy would probably be unacceptable to the College. We therefore feel that this recommendation is completely impractical.

The Residential Services Manager described would take over much of the responsibilities of the warden making them merely responsible for pastoral/welfare issues. My response is thus:

Recommendation 17

This is not a recommendation I can comment on in any detail until the counter proposals have emerged from the Hall/House Wardens. However, the Unions initial reaction is that the case is not proven for an appointment at that level. The argument that he can be funded out of income found from reducing Wardens/Sub-Wardens is irrelevant, he should be able to fund himself through increased Conference/Summer Bookings. We do feel that an appointment could be made at a lower scale as a manager for the SAC Scheme which has consistently failed to realise its potential.

I do feel that there is a need for a more efficient management of Residences as a whole but it is the level of appointment that is at question. We do not need another desk bound administrator.

2. Southside Scheme

I will report to the UGM the details of the first phase of the development of sports facilities in Southside. These will comprise of Sauna/Changing Room facilities, a Gym, Weights Room and a space created for table tennis.

3. Residence

In an attempt to ascertain student feeling on the linen service I have prepared and distributed a questionnaire. I apologise for omitting Garden Hall in the questionnaire which was prepared at short notice to enable it to be mailed with residence bills.

4. Ordinary Residence

Sir Keith Joseph has made a statement concerning this matter and has admitted that LEAs are liable to reconsider claims for compensation from students who were (in retrospect) classified as Overseas Students. However, anyone who does feel they are affected should contact their LEA by July 31.

There is no statement yet concerning fees that were paid at the higher rate by wrongly classified students. Though the government does intend to foot the bill.

**UGM THU 12th
GREAT HALL
1:00pm**

Hon Sec's Report

Other than the routine I've only two items to report.

Parking

If there's anyone who was allocated a parking place at the beginning of the year and is no longer using it would they please return it to the Union for the use of other people who do need them.

If you do not have a parking permit you are allowed to park in College every night from 5:30pm until 9:00am and all weekend, special barrier cards for these times are available from the security office in the Sherfield Building.

Files

I have some lever arch files for sale at 80p each, the money goes to Rag so make a contribution and get a file.

Cost of Living Survey

Some 400 people will have received a cost of living survey please complete and return it, you may win a bottle of champagne and the information will be of use to the Union when negotiating things such as rent rises.

D.P.'s Report

Everything is now drawing to a close, with my exams being imminent. Consequently I haven't time to write a report for this UGM and every other meeting and still have time to do anything that Steve has not already pinched for his part of the report.

At this precise moment I am engaged in battle with the National Westminster Bank concerning the exorbitant bank charges many people have just had levied on them in the current quarter for being overdrawn for a couple of days and am hopeful that this situation can be altered.

If I can think of anything else I will tell you at the UGM.

MOTION ON SOUTH AFRICA

PROPOSED BY DAVID HODES

SECONDED BY ANTI-APARTHEID SOC.

BROAD LEFT ALLIANCE

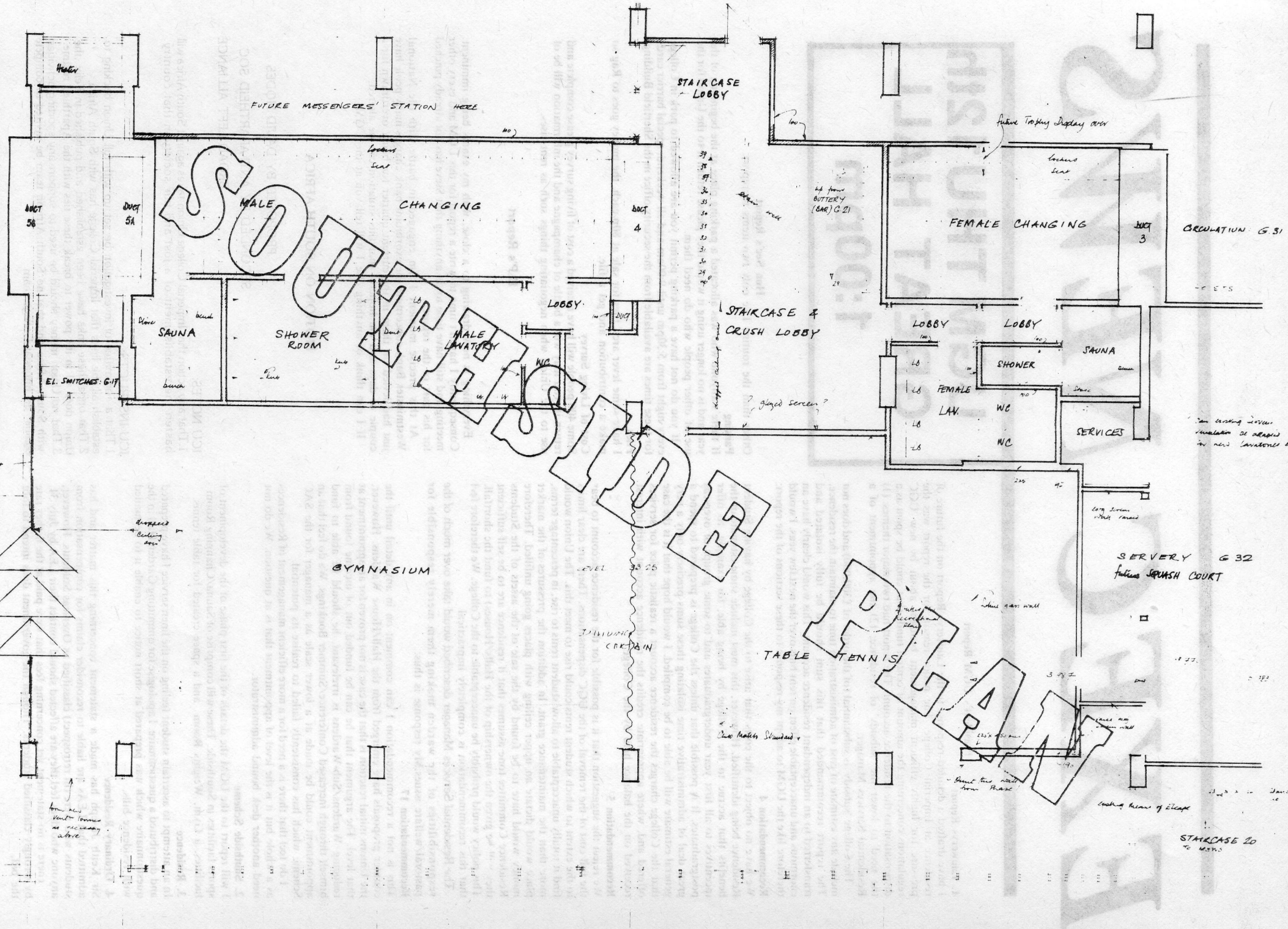
ICU NOTES:

1. That any action that Imperial College Union takes against South Africa will hasten the establishment of a just and fair society in that country.

ICU INSTRUCTS:

1. That a committee of investigation be set up with full Union backing to establish all the links that Imperial College has with South Africa.
2. That once these links have been established and published in Felix, the Union does all in its power to break these ties with the Apartheid regime.
3. That no Union money should be used to support any sporting activities with South Africa and that no South African team be invited to compete against an Imperial College team.

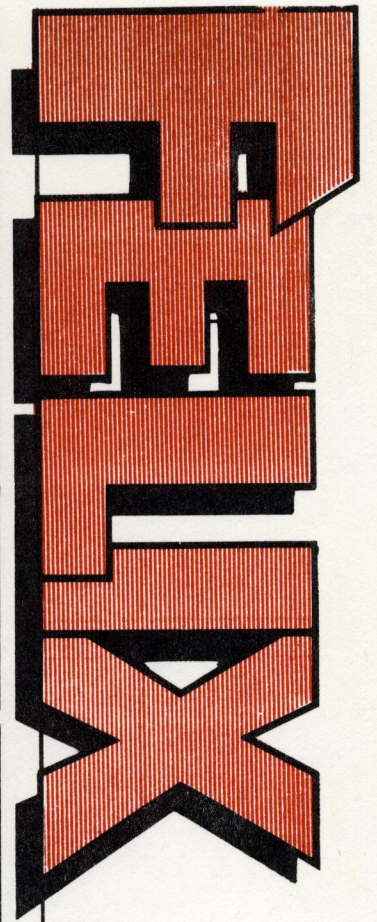
MAIN STAIRWELL



SOUTH SIDE

PLAN

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 1	25 April	26	27	28	29	30	1 May
2	2	3	4	5	6 SILWOOD BALL 6pm, Bot/Zoo Comm Rm.	7	8
3	9	10 RCSA AGM 6pm Sherf Bldg RCSU AGM 1pm Union Concert Hall	11	12 IC UGM, 1:00pm RCSU GEN COMM 6pm ULR	13	14	15
4	16	17 WIND BAND '1812' Concert 1pm Queens Lawn	18 ICSO CONCERT 8pm, Great Hall.	19	20 IC CHOIR CONCERT 8pm Great Hall	21	22
5	23	24 IC Union AGM	25	26	27	28	29
6	30	31	1 June	2	3	4	5
7	6	7	8	9	10	11	12
8	13	14	15	16	17	18	19 FELIX CAR RALLY RCSU v RCSA CRICKET MATCH 12pm meet Union Bar.
9	20	21	22	23	24 END OF TERM	25	26



Calendar Summer 1983

Waitrose Opening Times

Mon 12noon—7pm
 Tues 9am—6pm
 Wed 9am—6pm
 Thurs 9am—8pm
 Fri 9am—8pm
 Sat 8:30am—4pm

Bookshop Opening Times

During Termtime: 9:15am—5:15pm

Haldane Library

Mon-Fri 9:30am—9pm
 Saturday 9:30am-5:30pm