



FELIX

Founded 1949

The Newspaper of Imperial College Union

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Claire Hamill — see page 11

Phones fiasco

A FAULT IN the College telephone exchange this week allowed students to make national and international calls from the Southside staircase telephones—free of charge.

Students made calls, thought to have cost thousands of pounds, to the United States of America, Australasia and the Far East, before the fault was discovered.

The Southside exchange was then disconnected, until British Telecom engineers could trace the error in the exchange program. It was re-connected soon after BT engineers left, but almost immediately started to allow free calls again.

As a consequence of the Southside fault, all College telephones have been able to make national and international calls, 24-hours a day, by routing such calls through the Southside exchange. It is not clear, though, if calls so routed will appear on the monthly telephone bill.

Finance fiasco

THE UNION Finance Committee met yesterday to decide how to distribute a £28,000 'cut' to the Union subvention for next year.

The claim made to College for next year was considerably higher than this year's subvention, while the University system is being required to suffer a 2% reduction in funding, in real terms.

It is expected that the Finance Committee will adopt a policy of 'selective misery' rather than 'equal misery' across the board, that is they will make highly selective cuts in the funding for certain clubs, or certain types of expenditure for groups or clubs.

Tour grants slashed

UFC latest: *Thursday 5.30pm* UFC have voted to abolish club tour grants, and sports team members will have to bear a higher proportion of travel costs. A total of £800 is to be removed from the CCU budgets. Further cuts may still be necessary.

Door fiasco

THE DOORS to Selkirk Hall are to be replaced, it has been decided by Student Residence Committee.

The existing set of two double doors is to be replaced by two single doors of twice the width.

At present it is possible to render the double door locks useless by unbolting the doors from the inside.

The decision to carry out the replacement comes less than a week after FELIX drew attention to the problem.

Jez romps home



RCS fire engine Jez romped home to a stunning third place in the London to Brighton Commercial Vehicle run last Sunday.

Hordes of supporters from RCS travelled down to Brighton to cheer on their motorized mascot.

Fire alarm fiasco

LINSTEAD HALL WILL be without a fire alarm until next week, while the system is modified.

Two emergency hand sirens have been left at the messenger's desk but until yesterday residents were only told that the alarm was not working, with no mention of what to do when the siren sounded. Linstead warden, Dr Clarke has now added that there is an emergency fire alarm and residents discovering a fire should ring the messenger. College Fire Officers, Bob Foggon said the emergency sirens were 'noisy enough to wake the whole of South Ken'.

Letters

Ronald
Duck

Thanks

Dear Sir,

On behalf of the other members of the 'University Challenge' team and myself I would like to express our thanks and appreciation to the large contingent of supporters who journeyed to Manchester for the contests.

We were easily the best supported team in the series and the atmosphere created a tremendous boost particularly in the game against Belfast.

I am sure that when our successors play in the next 'University Challenge' to which Imperial is invited those of you who are still here will give them as good support and spur them on to achieve what we just failed to do

Dick Langstaff

A pedant writes

Dear Sir,

I wonder if any of your readers have noticed an extraordinary resemblance between the actor Peter 'Grand Moff Tarkin' Cushing and Christopher Lee, another actor, well known for such films as *Dracula*, *The Return of Dracula*, *Old Red-Eyes is Back*, *It's him again*, (*that's enough films—Ed*).

No? Well, I must confess that they aren't very much alike, which is why I was rather surprised to see Peter Cushing billed as the star of *The Return of Captain Invincible* in your review in issue 702!

May I suggest that your reviewer requires the services of an optician?

Yours etc,

Richard Monkhouse
Elec Eng 3

Dear Sir,

I'm afraid that Ronnie 'great communicator' Reagan has lost me, a bit. How can it be all right to inflict trade sanctions on Nasty ol' Nicaragua, but not all right to inflict them on Dear ol' South Africa?

Does the man's 'humanitarianism' know no bounds? Maybe we should lead the way and give 'humanitarian' aid to the ANC? Do you think Ronnie would follow our example?

E M Ugoala
Physics RA

A Frenchman writes

Route de l'Aeroclub,
83400 Pierrefeu du Var,
FRANCE

Dear Sir,

I have had a confectionery in the south of France since 1979. In summer, I take on students to sell my products (peanuts, nuts and sugar-coated almonds) on the beaches.

I don't know to which organism to write so I address myself to you.

Would you kindly attain the annexed circular to the person or the organism who attends to finding jobs for the students of your University. Would it be possible to stick up the circular in yours rooms and so give general information to the students, who might be interested.

Hopefully my proposition will hold your attention.

Yours faithfully,

D M 'chouchou' Jacomo

Note: The annexed circular can be seen in the Union Office—well worth it just for a laugh

FELIX

'The Union faces its gravest financial crisis ever,' we are told. The subvention paid to the Union next year will be about £28,000 less than what has been claimed.

But the problem is completely artificial. All that has happened is that a ridiculously large claim has been reduced to a reasonable level. It was optimistic for the Union to expect a massive percentage increase in funding based on virtually no increase in activities.

But unfortunately the more outrageous claims were not cut when they should have been; as soon as they were presented.

Now that clubs have had their claims accepted by major sub-committee, DP and UFC, it will come as rather a bitter blow to find that they are to be cut, after all. It makes forward planning impossible.

The Exec knew exactly what sort of subvention the Union would get next year. It is somewhat to their shame that they didn't use that information when the first round of claims were being considered. To have left it this late was folly, indeed.

Where should the money come from?

Every year the Union spends many thousands of pounds paying for students to have foreign holidays. This comes under the euphemistic heading of 'tour grants' for clubs and societies. This expenditure cannot be justified (except for certain competitive sports). The Union should provide equipment and training for clubs—it should not pay for students to travel abroad when they can just as easily do the same thing at home. This is a gross misuse of Crown funds.

Another good area for saving is CCU beer money. One of the CCUs spends £3000 per year on beer which is given away to its members.

As long as these activities continue there is no financial crisis in the Union. There is fat to be lost, and if it is lost properly, it will make the Union a more efficient organisation, giving value for money.

Acknowledgements: Many thanks to Debbie, John, Jon, Grenville, Ajay, Chris, Pete, Richard, Patrick, Christopher, Alan, Hugh, Luke, Tinker, Steve, Nigel, Rosemary, Tony and all the collators.

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IMPERIAL COLLEGE CHOIR

Friday 17th May At 8 pm

Monteverdi Vespers

In Holy Trinity Church

Prince Consort Road SW7

Tickets from choir members
or the Haldane Library

Hours of fun at Rag Fête

THE TENTH ANNUAL rag fête will take place on the Queen's Lawn tomorrow. It will be opened at 2.00pm by Lady Flowers but the bar will be open from just after midday.

Main attraction will be the Queen's Tower which is open to climb for a spectacular view of London. Clubs taking part include Debsoc with 'Is this the Argument Room?', the Orchestra and Wargames. The Rag Committee will be running a jumble sale—selling jumble ranging from loads of old books to an antique record player. If you ignored the previous notices and have left something in Linstead basement for a couple of years, this will be the chance to buy it back—we may even offer you a discount!

Other attractions include Popcorn, maggots racing, raft

race, human slot machines, strawberries and cream, hit squad, ducking stool and chaps burgers, Pedal Cars, Egg-throwing, Darts, Bo and Jez, an unridable horse, dodgems, peep show and twat the rat. Along with at least most of the above and probably a whole lot more Carl Burgess will be having his head shaved (assuming £300 in sponsorship is raised) and Maribel will be dragging people down into the mud.

To finish the afternoon off Joint Rag Committee will take place somewhere round the Queen's Tower at 6.30pm with elections of next year's officers and the choice of charities.

In the evening, if you are very lucky you may even find some people down in the bar. So have a good time and bring plenty of money.

Eddie and Pat
welcome you to

the HOOP and TOY

One of South Kensington's finest traditional English Free House Pubs with excellent choice of beers and home cooked fare at a reasonable price.

and FAGINS WINE BAR

An Old English Wine Bar with an extensive range of wines and foreign beers, hot and cold food including veal in lemon sauce, beef bourgignon, chicken frascati, jacket potatoes with choice of fillings etc etc., lunchtime and evening.

Come along and see us—it's well worth a visit!

Oh, Sir Peter

SIR PETER Swinnerton-Dyer, Chairman of the University Grants Committee, has indicated that he isn't willing to be considered for the post of Rector of IC.

This was revealed after an erroneous report in the Times Higher Educational Supplement saying that he had turned down a firm offer of the job.

According to THES Sir Peter described the Rectorship at IC as 'the single most important job in the university system'.

The post of Rector falls vacant in September, when Lord Flowers becomes Vice-Chancellor.

Be warned

A NEW FILING system is to be introduced in the Union Office next Friday.

It involves heavy use of the waste paper basket which will take care of the piles of uncollected letters now lying in the Club and Society pigeon holes. The new system will ensure that representatives of all Clubs and Societies check their pigeon holes at least three times a week. Anyone failing to do this will have Union Receptionist Kathy to face.

The system becomes operational next week, when all pigeon holes will be emptied—so be warned. Kathy is also threatening to rip up the Union Message book unless the response to collect messages is better.

Put The World In Your Pocket



The Lowdown For High Flyers

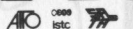
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Letters

The last word...

Letters to the editor should be typed, or neatly written on one side of the paper.

Anonymous letters will not be considered for publication, but names need not be published, if requested.

Parking permit plea

Dear Sir,
It has come to the attention of the Security Division (Traffic Wardens) that over the last few months undergraduates and postgraduates of Imperial College are disobeying rules regarding parking. Although it is a small percentage, they are nonetheless causing problems within the environs of the College campus. The rule is quite simple: no cars are allowed to park without a permit, that is without a temporary or permanent parking permit.

Also, on the exits at Exhibition Road and Imperial College Road, motorcyclists are requested to drive to the left of the barrier (there is a sign!) otherwise the crash barrier will not work properly. One motorcyclist nearly received injuries through not doing this.

Yours faithfully,
Traffic wardens

Dear Sir,
Last week Mr Aharoni said that the Israelis 'tried not to hurt civilians'. I was in Lebanon during the invasion and I myself saw that the planes attacked the shelters rather than the military installations.

I can't help comparing Hitler exerting the right of Germany to self-defence and to live within secure and easily defensible boundaries by occupying France, and Israel's occupation of most of Lebanon.

I would just like to add that I consider every inch of my land very dear to my heart.

Yours sincerely,
T Shaker

Dear Sir,
Far be it from me to bore anyone any more about the continuing saga of the infamous slogan 'Down with Israel', but we feel it to be our duty to clear up some anomalies and misunderstandings.

We think it is about time that all those concerned in the Middle Eastern conflict sit together in an attempt to reach a peaceful and just solution, what we do not agree to is the method adopted by the Israelis towards that just and rightful settlement. Furthermore, Israel's iron fist policy that was clearly visible in the Lebanon goes on to show their lack of willingness towards that long-spoken-of 'peaceful settlement'.

Thirty seven years have gone by and we are still trying to overcome the roots of the whole problem namely, the clash between Palestinian nationalism and Zionist ideology.

Finally, it is important to emphasise that as long as the Palestinian rights to self-determination and the establishment of their own independent states are ignored, there will never be a lasting and durable peace in the whole region. Israel can not simply enforce their own peace settlement and call it a just solution.

Yours faithfully,
Friends of Palestine Cttee

Dear Sir,
It is the 'realistic attitude' adopted by people such as T Sheriff and T Ishaq which leads to countless people being killed daily in the Middle East. How do they dare call the civil war that has raged in Lebanon before, during and now, after Israel's campaign, freedom?

Israel has often tried to extend a peaceful hand to its neighbours: when one responds, as President Sadat of Egypt did, you know only too well how his own brethren rewarded him. No wonder the open hand of friendship clenches into a firm fist.

Is it not more realistic to face up to problems, like Israel does, and admit that one can make mistakes and then hold an inquest into what went wrong, rather than just say 'it is Israel's fault'? Blaming everything on us Jews is perhaps the only comparison to the Second World War.

To compare the Jewish victims of WW2, who were innocent scapegoats of the Germans, to the Arab victims of today, who themselves proclaimed the Jihad against Israel, is totally ludicrous. As such, I feel that us Jews have learnt very well from our past. Never again will we stand by defenceless while another nation tries to take away our right to live, but will take up arms to defend ourselves against anyone threatening to do so.

Yours faithfully,
Michael van Messel
Physics 1

The editor will accept no more letters on the subject of the conflict between Israel and the Lebanon.

The correspondence on the subject of the slogan 'Down with Israel' is closed.



IT IS USUAL to associate Portobello Road with its weekend street antique market, it is however a misconception to believe that this is its only attribute, the fruit and vegetable market being the obvious example that dispels this notion. This recalls the cherished memory of a disgruntled American tourist who arrived one weekday to be confronted with the sight of stall after stall of perishables but there again, what does one expect from these overtly dense Trans-Atlantic types, other than their usual obnoxious habits, such as their pseudo laughter that has as much feeling as a faked orgasm and their insipid nature, which was epitomised by one who declared to his wife on their departure from the Stratford Theatre ten minutes after the play had begun,

'Well Millie, ya can now truly say that ya've seen Shakespeare.'

However, before this article declines into descriptions of Americans and vegetables, which are actually quite difficult to differentiate between, I will describe the features of Portobello that students tend to have a greater affinity towards.

The stallholders' bawdy and abrasive proclamation of today's prices and 'specials' contrast with the tactful approaches to passers by made by the furtive characters who stand on street corners and who offer various illicit substances at separation of an inch between noses.

From heresay, 'dope' may also be obtained from the pub, which is located on the corner of Ladbroke Grove and Blenheim Crescent a side-street off of Portobello; associates have been propositioned six times within an hour in this pub. Apart from its reputation for live music, it is also rumoured to be under continual surveillance by the police who frequently subject persons leaving the premises, who they suspect of carrying drugs, to a body search; I therefore advise that readers, who are unfortunate enough to have a squint, to study their copies of *But Were Afraid To Ask* before wandering around this neighbourhood.

From the back streets, from the gutter

Portobello Road — fruit, veg, antiques, dope and Rough Trade Records. Our roving reporter, Christopher Murray investigates...

Of all the publications that deluged me during Freshers's week, this was the outstanding one. It is, in effect, a compendium of party conversation, including such topics as the relative viscosity of cervical mucus and the insertion of pebbles into the female genitalia of camels (presumably explaining their notoriety for being bad tempered) by Arabs which constituted the first example of the principle of IUD (and I guess, that of the french tickler too). I can well remember an argument, concerning the orientation of the rectum, that was only resolved when BWATA was brought out from underneath the bed and a

Another public house in the area and that can be recommended is the Colville sited half way along Portobello Road, it boasts, on the advertisements outside, of Sunday afternoon strip shows in its upstairs function room that star stripping vicars and the like. However, it is suggested to the real ale buffs that they try the Earl of Lonsdale on Westbourne Grove, which is near to the Notting Hill end of Portobello Road and is one of the twelve Sam Smiths outlets in London; The Museum ale is recommended.

The shops on Portobello Road are also of interest and often provide a respite from the busy market.

Notices displayed in Newagents' windows are always worthwhile to glance at, since usually among the second-hand bicycle market and flats to let, there are a few dubious ones that advertise caring and understanding relationships with 'Sensuous Cindy' and friends, or

detailed inspection of the male and female genitalia made One questions the rationale of such a publication, perhaps it is to prevent wide spread physical abuse of one's person however, if this is the case, experience shows that this principle is comparable to making schoolboys undertake physical education to reduce masturbation: According to Desmond Morris, the People's psychologist, in the Naked Ape, it is self-defeating since the extra energy acquired by increased fitness must still be expended in some way, similarly, BWATA increases the inquisitiveness of its reader and results in greater experimentation.

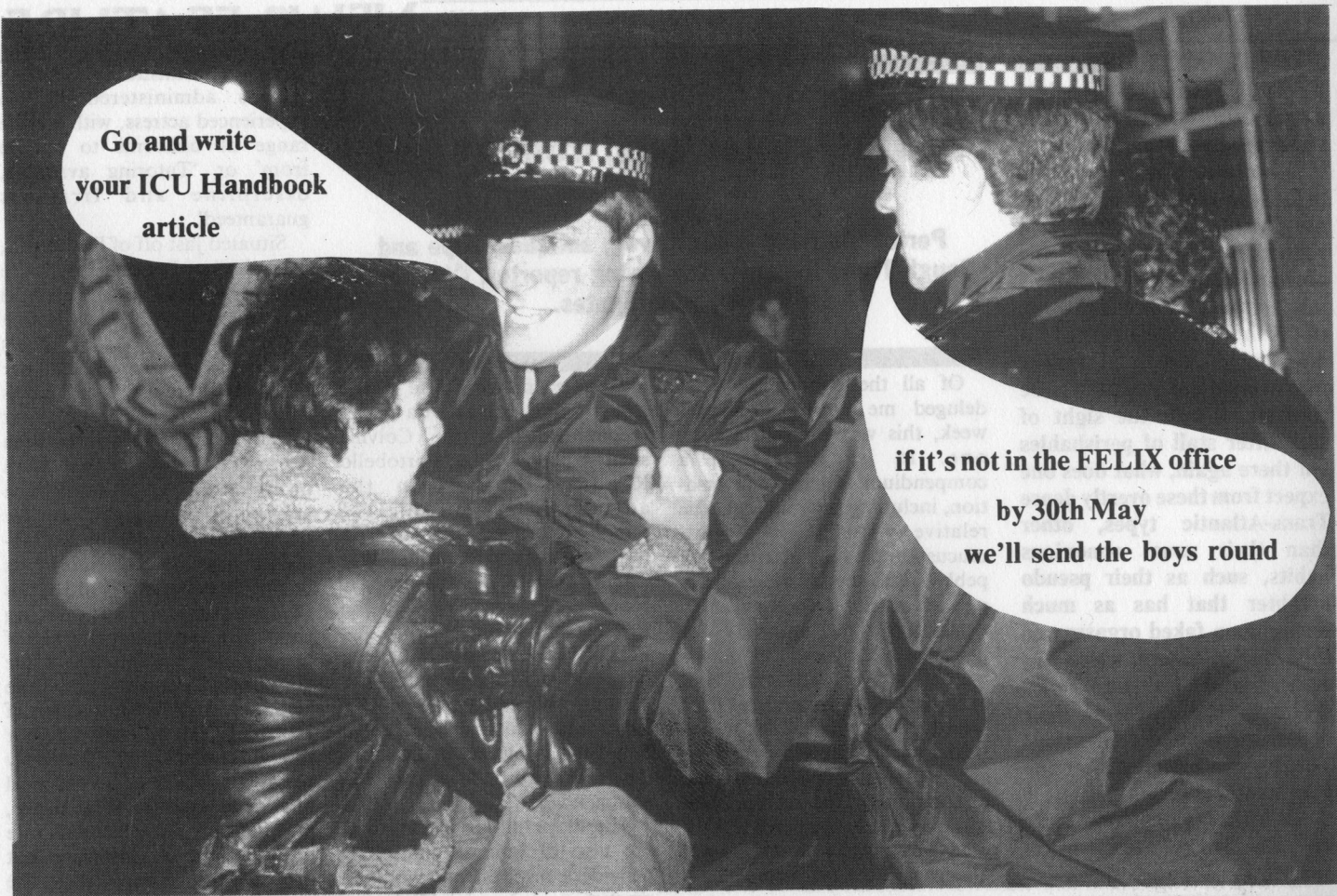
more euphemistically, 'Acting lessons administered by an experienced actress, with a large range of uniforms to choose from' or 'Tutoring available, discipline and firmness guaranteed'.

Situated just off of Portobello, along Talbot Road and opposite one of those underground lavatories, there is the Rough Trade Record Shop; it deals exclusively in records that are released on independent labels and consequently a vast proportion of the stock has been recorded by groups with profound and radical names such as 'Fellatio in Smegma'. Also, for those who consider buying so-called 'commercial' music as being materialistic and thus tantamount to supporting capitalism and the music press of being blatantly exploited by the large record concerns, this shop also stocks a large supply of Fanzines that will nurture your thoughts still further. Invariably they consist of dreadful interviews with the local bands, that not only fail to demonstrate any attempt at criticism but provide the groups with the opportunity of self-adulation, and to spout out their contradictory politics. Also they include self-opinionated verbose articles by the editor, who revels in puerile resentment and a wit, that fails to compare with second rate, pre-sixth form humour.

The Basement shop is located underneath Rough Trade and is thought to be an extension of the underground conveniences; it supplies the peripherals that any self-respecting alternative person might require, for example, earrings made from IUDs. Likewise, the other clothes shops on Portobello tend to provide for the Kensington Market Set, examples of which being the Leather Rat and the Cage.

Those who wish to maintain the students' reputation for being obnoxious might like to try driving a car down the road on a busy market day, say Saturday, with liberal usage of the horn. Those without a car, who still wish to be obnoxious in some other way, will find that Ladbroke Grove is the closest tube station, although Notting Hill Gate is also in close proximity. Sightseers are warned against the abundance of defecation left by dogs.

●Did you know...that Portobello is a small port in Panama, on the Carribean northeast of Colón.



Go and write
your ICU Handbook
article

if it's not in the FELIX office
by 30th May
we'll send the boys round

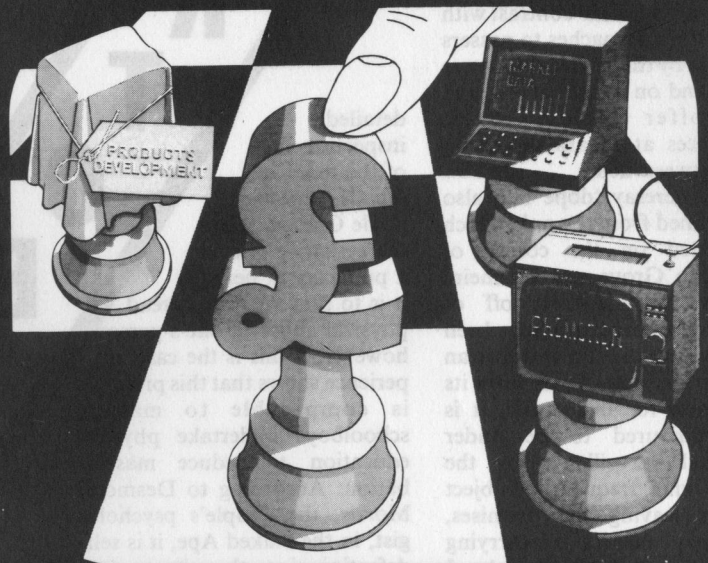
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To give you a chance to find out more about this exciting and challenging career P&G will be running a Marketing Course from September 22-26 1985 at the P&G Head Office in Newcastle upon Tyne. The course which is free will cover all the major areas of the Brand Manager's responsibility [including advertising, consumer promotions, finance and media] and there will be every opportunity to try out some moves of your own.

For an application form ask at your Careers Service or write to Michael De Kare-Silver, Procter & Gamble Limited, Newcastle upon Tyne NE99 [telephone 091 279 2256].



Closing date for applications is May 24th 1985.



Tinker

A nice easy one this week, so as not to give any extra brainstrain, before the quizzes.
What is the next element in this series:-

23, 11, 6, 3, 5, 4,
GRADE 2

Solutions to me in the FELIX office by Friday 17.

Still no solutions to the Golf puzzle of last fortnight, so I will run that on until someone solves it.

Here are the solutions to the Easter puzzles, in brief.

To solve the spider fly problem, simply 'unfold' the sides of the room and draw a straight line from spider to fly. This gives an answer of 40'.

The answer to the grade five puzzle was found in a similar way, but by considering the three different routes that are possible, the dimensions of the room were given as 260, 240 and 390.

The two sentences were:-

'The number of occurrences of the number 1 is 3, of 2 is 2, of 3 is 3, of 4 is 1, and of 5 is 1.'

'The number of occurrences of the number 0 is 1, of 1 is 4, of 2 is 3, of 4 is 2, of 5 is 1, and of 6 is 1.'

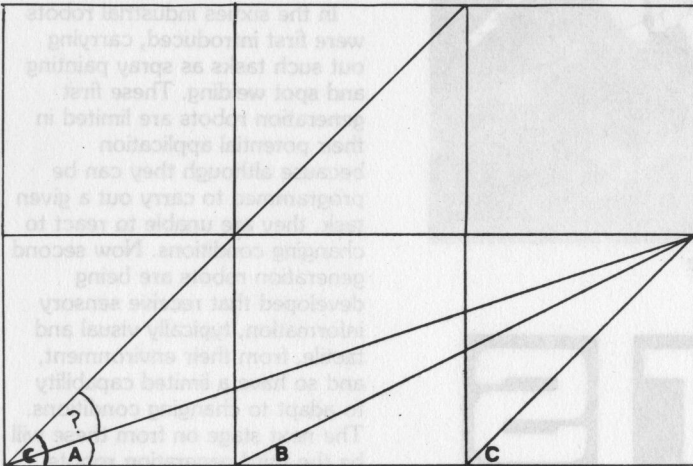
The geometrical puzzle could be solved as shown.

The missing angle must, by similar triangles, be B. Thus $A + B = C$.

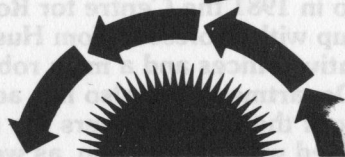
Since there was only one correct entry per puzzle, no solution was left unrewarded.

Correct answers to all the puzzles, except the grade five one, from S Errington Min Tech PG who wins himself £15.

The grade five puzzle was won by YUJI MATSUMOTO from Computing, who may collect his £5 cheque after Wednesday.



Apocrypha



The story goes like this:

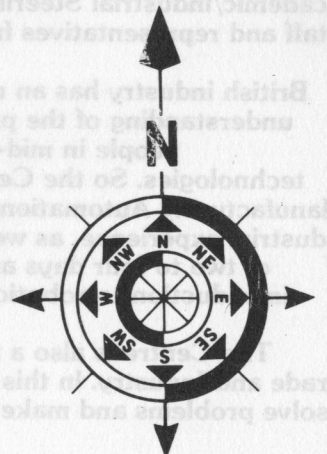
When you pull the plug out after a bath you'll have noticed the water swirls round. If you are in the northern hemisphere it swirls one way, if in the southern hemisphere it goes another, if on the equator it goes straight down. This is because of the earth's rotation.

Sparing no expense FELIX sent two of Imperial's top scientific brains to do a carefully controlled experiment in the Beit Hall washrooms. A bath was filled with water, the plug pulled and the water went clockwise. Another bath was filled with water, the plug pulled and *Voila!* it went anti-clockwise.

Dr Bignell of the Atmospheric Physics Department explained why our carefully controlled experiment went wrong. For the earth's spin to have any effect the bath would need to be 10m in diameter, with a perfectly

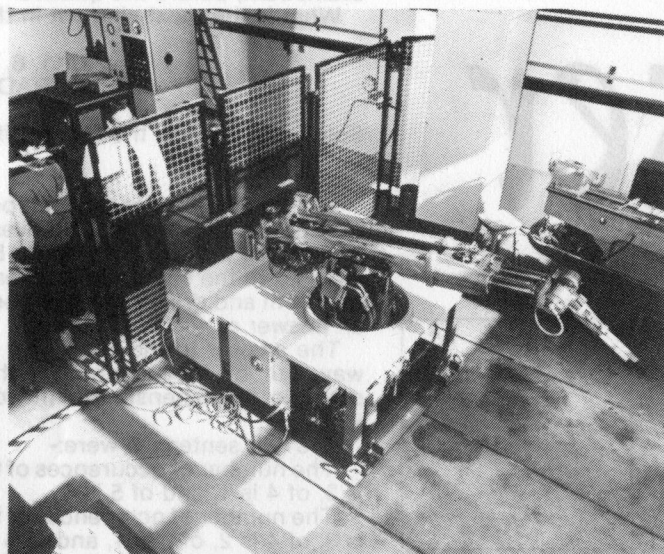
horizontal optically correct base. After being filled with water it would need to be left in the dark (to prevent radiation heating) for three days. The plug would need to be carefully drawn down the drain hole and out, to prevent any eddy currents developing. Apparently someone actually has carried a bath like this round the world and the effect can be seen. But a 'normal' bath?

No way.



SCIENCE

Robot Revolution • The Centre for Robotics and Automated Systems



The general robot lab, Imperial College

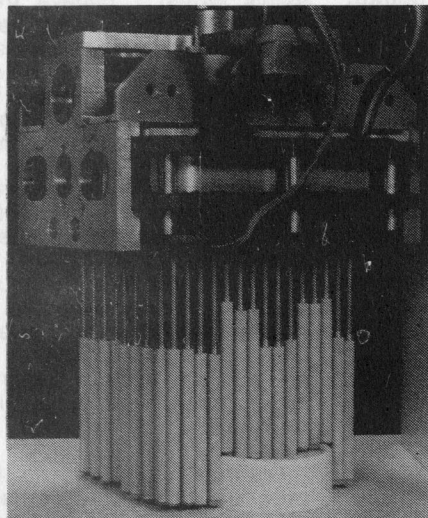
IT COULD BE said that we are in the midst of a robotics revolution, which has the potential to touch all of our lives. The speed of technological advancement over the last few years has been spectacular with many industrial processes now being largely automated. It seems likely that fully automated and unmanned factories may be with us in only a few decades.

In the sixties industrial robots were first introduced, carrying out such tasks as spray painting and spot welding. These first generation robots are limited in their potential application because although they can be programmed to carry out a given task, they are unable to react to changing conditions. Now second generation robots are being developed that receive sensory information, typically visual and tactile, from their environment, and so have a limited capability to adapt to changing conditions. The next stage on from these will be the third generation robots that will receive every type of sensory input and will have 'artificial intelligence' that will be used to solve problems. There will be a vast range of potential applications for these robots including assembly, inspection and many other activities which have long been associated with human skills of manual and mental dexterity. There will also be many non-industrial uses such as security work, space exploration, farming, helping the disabled, and many more.

Research activities at the Centre cover many aspects of automated systems including robotics. The work is mainly carried out in the departments, with a substantial amount of the work being interdepartmental. Over fifty per cent of the funding for research is coming from industry, with there being a number of 'teaching company' projects where students are supervised jointly by College staff and companies such as Lucas, Philips, and Rolls Royce. As a result of one such project with Lucas, a vision system has been developed to be used in a flexible assembly systems. It allows headlamps on an input conveyor to be individually identified so that the robot can them perform appropriate operations on them. The development of vision systems opens up a wide range of applications, and some of the

current research is aimed at producing more advanced vision systems. Other current research projects are looking at areas like, robotic assembly, safety and reliability, laser machining, use of robots in hazardous environments, use of robots in the meat processing industry, and many others.

Robotic Assembly has been singled out as one of the most important applications for second generation robots, and it is predicted that it will become a major robot application within a decade. The underlying principles that govern robotics assembly are being studied by a team from Mechanical Engineering. The major interests are cost effectiveness and the ability of systems to react to changes in products and processes. A major development to come from this work is a form of 'Universal Gripper'. At present the grippers used in assembly work can only handle a few shapes and so have limited adaptability to any change in the process, with both time and money being lost when a gripper has to be changed. The new 'Omnigripper' shown is a largely universal gripper and may help to solve this problem. It consists of two parallel slightly separate 'fingers' each consisting of an array of eight by sixteen closely spaced pins, which can ride vertically up and down independently of one another. As the gripper is lowered over an object, some pins will be pushed out of the way, so creating 'customised' fingers which mould to fit the part. For grasping objects either the two fingers can be brought together to grip the



The Omnigripper

object externally, or else they can be moved slightly apart for an internal grip. There is feed back from each pin of the Omnigripper, providing tactile information about the object, including height details. So there is the potential for recognition of objects.

In the meat processing industry de-boning is a major task. The work is very monotonous, but requires great concentration, and hand and eye co-ordination, and is at present carried out by skilled butchers. A team from the Departments of Electrical and Mechanical Engineering are collaborating with a meat processing company to develop a prototype robot system for de-boning bacon backs prior to slicing and packaging. The system is required to extract up to fifteen ribs and some other bones from the cured bacon. Work on this systems is near to completion, and the robot system is shown in the photograph. First the bone layout is registered by plunging needles into the bacon, these penetrate the meat but not the bone, and send back tactile information. Then a special tool cuts round each bone tip, and a moving loop placed over the bone tip pulls back and strips the bone cleanly from the meat.

One of the most attractive potential uses for robots is in the assistance of disabled people with tasks like eating and page turning. This possibility is currently being studied and it is hoped that in the future further non-industrial uses, including the development of artificial limbs, can be studied.

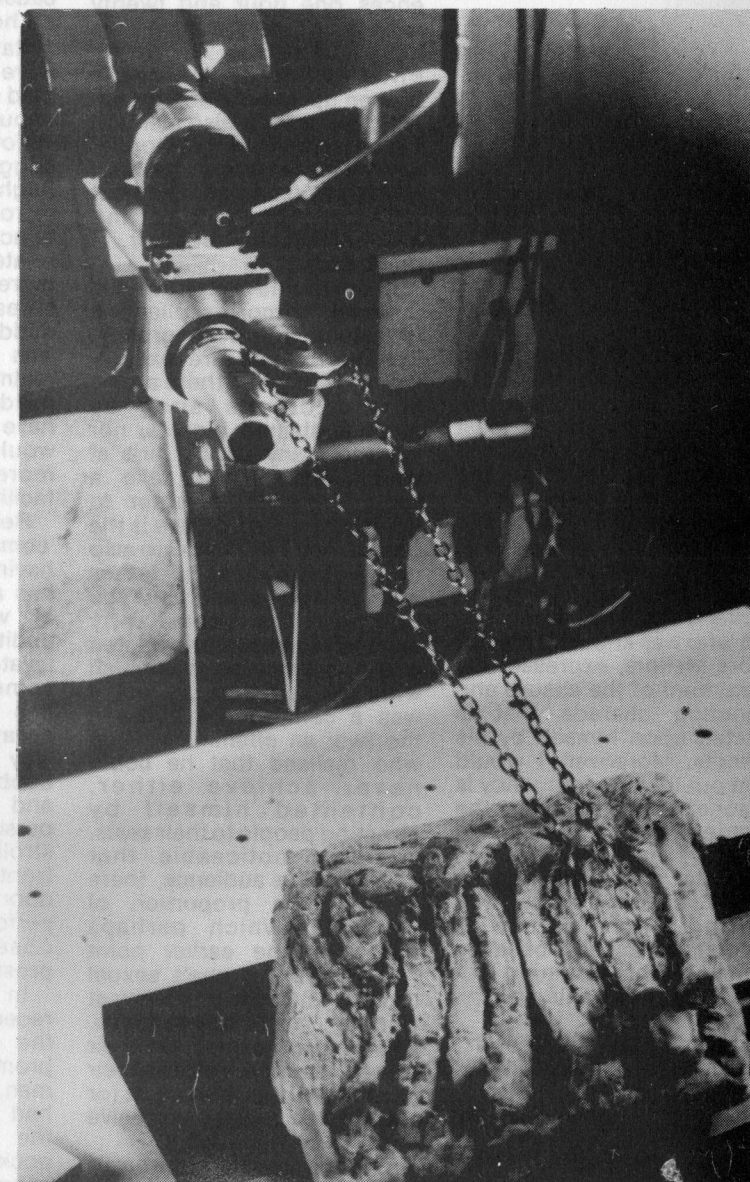
Lasers provide one of the most

easily automated forms of energy available to industry, and as a consequence they are being used to cut and process metal. The use of robot mounted lasers for these processes is being studied by a team from Metallurgy and Materials Science.

Safety and reliability of robots in the working environment is of the utmost importance, and forms the basis for a major research project at the Centre. This project is being carried out in collaboration with the National Centre for Systems Reliability and the Health and Safety Executive. Part of the work is covering the impact that the introduction of robots has upon health and safety in the working environment. Although robots can be fenced off there will still be occasions when humans come into close proximity with them, and this presents a

potential safety hazard. For instance at pick-up points or where the robots maximum reach overlaps perimeter fencing, it is possible that someone could be trapped or crushed. The team from Management Science and Mechanical Engineering are looking at the effect of robot design on electronic and mechanical malfunction. Using information about the failure rate of individual components that make up the robot systems, it is possible to quantify the overall reliability of the robot and a typical cell in which it is used.

The work at the Centre shows clearly how academics and industrialists can work together to satisfy both their needs. Although at present the capabilities of robots are still very limited, in the future they have a vast potential.



Bacon de-boning - by robot

ROBOTS

By the early eighties robotics work was well established at Imperial College, with several teams working in a number of different departments. However, as a wide range of technical expertise are used for the development and understanding of robots and automated systems, a focal point was needed to co-ordinate the existing activities and to stimulate new interdepartmental research and teaching. So in 1981 the Centre for Robotics and Automated Systems (CROBAS) was set up with Professor Tom Husband as Director. The Centre has administrative offices and a main robotics laboratory in the Mechanical Engineering Department, but also has access to many facilities throughout College. The work of the Centre covers the managerial, social, and economic issues involved with automation, as well as the technological aspects. So the Departments of Social and Economic Studies, and Management Science, play an important rôle in the activities of the Centre along with Mechanical Engineering, Electrical Engineering, and Computing.

There are also a number of other groups throughout College, such as Astronomy and Metallurgy whose work is linked with the Centre. In all its activities the Centre aims to meet the needs of industry as well as the academic community. The main way this is achieved is through the joint academic/industrial Steering Committee. The committee consists of academic staff and representatives from industry, and meets twice a year to discuss the direction that teaching and research should take.

British industry has an urgent need for well-qualified graduates with a good understanding of the potential of automated systems. To add to this many people in mid-career find that they need educating about the new technologies. So the Centre runs an MSc course in Industrial Robotics and Manufacturing Automation, and is keen to take on graduates with a few years' industrial experience, as well as fresh graduates. Along with this short courses of two to four days are run, giving practising engineers and managers an introduction to robotics and related activities, with the opportunity to see robots in action.

The Centre is also a robotics consultant approved by the Department of Trade and Industry. In this capacity it can carry out specific studies to try and solve problems and make systems more efficient, or it can give advice on the introduction of automation into a factory.

REVIEWS

Theatre • Jumpers
Cinema • Birdy
Singles • Toyah
• Philip Bailey
Porn • Festival of Erotica



Armchair Perverts

Apparently, it is a fact that the average male thinks about the act of sexual intercourse, or a related subject, at least once every fifteen minutes, if not more frequently; the author of this essay would certainly vouch for this piece of information and even D H Lawrence comments on man's affliction in *Lady Chatterly's Lover*, when the man who was knocking her off before Mellors, expresses his resentment of the absurd and degrading charade that is inflicted upon himself by his instincts. Moreover, I would point out that the frequency is seasonally dependant too, the summer period seeing a marked increase in this parameter (comparable only to the effect obtained by stuffing one's self with oysters) principally because of the weather bringing out mini-skirts, hot-pants and the like.

It is also at this time of the year that one is presented with the matter of examinations which are consequently difficult to work for, owing to reasons concerning the above, or, more precisely, it is a case of:

'Please help me Mr Student Counsellor, or whatever your name is, you can give me advise that concerns coping with examination stress, depression and all of that but this does not resolve the sexual frustration that I am experiencing and which is dissolving my concentration: I mean, one minute I am pondering Maxwell's equation and the next, my attention is diverted to some creature who has just walked past or crossed her legs. The situation is desperate, I will not fail my examinations because I lack intelligence but because I've spent all my time in the library bog abusing myself.'

Therefore, may I recommend the *Festival of Erotica* at the Raymond Revue Bar, to those who feel these same tendencies that have just been defined. For £10 (there are no student discounts, so don't bother asking) one experiences one hour and twenty minutes of, as the advertisements describe it, *Erotic Entertainment* which is broken up into about fourteen acts; the adverts also mention full air-conditioning, I wonder why? The performances start at 7.00, 9.00 and 11.00pm but whether they become chronologically seedier, I don't know.

It is genuine 'executive clit' material, or more explicitly it is tasteful, soft pornography. The performers are exceptionally pretty and there are no sordid details such as nicotine-stained nipples, nor are there any flabby girls at whom one has to take a second glance in order to determine which crease is the one of interest. There are also no rip-offs, such as hostesses who politely insist that you purchase an exorbitantly expensive bottle of diluted Champagne or face a skirmish with the bouncers; in fact it was a compromise between the two: an effeminate wimp who realised that he could never achieve either, contented himself by directing people to their seats.

It was noticeable that amongst the audience, there was a high proportion of orientals, which perhaps reinforces the earlier point that controlling one's sexual urges is related to efficiency at working: that is, these people, who are renowned for their mental stamina, release their tensions in one short burst (or several rapid and successive ones, to be pedantic).

There is actually quite an art to coming in one's pants, since there is the initial

problem of overcoming the ludicrously of the blatant phallic symbolism employed in the show to be able to arouse oneself; also the seats are so confined that there is not enough room to administer even a discreet tickle. One guesses from the liberal usage of the sledge-hammer metaphores, such as strip-tease on motorbikes that represent throbbing machinery pounding in between the girls legs, that the designer and choreographer are pundits of Desmond Morris.

The most unobtrusive act was the 'love-bomb', which is a scene depicting a beautiful girl writhing rhythmically backwards and forwards on top of a huge SS-20 shaped object, whose front end glowed red when caressed by the aforementioned girl and, when a lever is thrown, abruptly and unsmoothly adopts a new angle of elevation which almost causes the girl to be thrown off her mount.

Rather surprisingly there were no acts that incorporated nurses or schoolgirls; fair enough, so these ideas have yellowed, however I would suggest that these ideas ought to be used in the introduction to provide a concept that the punters can relate to before progressing to more complicated ideas. A spread eagled girl in the middle of a large cream cake was too great a step in the realms of sexual fantasy and a gradual approach should have been adopted which would have made the show more plausible and thus facilitated arousal.

Returning to the topic of 'coming in one's pants' and having assumed that one now has an erection, the moment at which one leaves the auditorium and rushes to the lavatory, something that for some occurred frequently, has to be chosen. One can always tell the amateur by the way he runs out, almost doubled up, hands on groin and grunting, whereas the person of greater experience strolls leisurely across the front of the stage towards the door at the same time that a performer, whom he casually observes on passing, is prostrate in front of him.

In one of Anna Ford's recently published articles in the *Sunday Telegraph* that promoted her new book about men, she claimed that women had the converse reaction to the male's serious hand in pocket approach. From my experience, I must disagree: the attitude is certainly

different from that of the man's which I believe that show has correctly described, however, I found the females' jocular approach non-existent and a bored one in its place; perhaps this is not surprising in the light of her dubious claim that 60% of males have external marital affairs. It was almost as if their husbands had forced them along, expecting them to memorize the various acts so as they can be re-enacted at home; although it is uncertain whether swinging from a ceiling light without disturbing the neighbours or causing multiple back injuries is feasible.

For those without wives, the program proudly advertises the video in order that one may relieve the evening in the comfort of one's own home; this is euphemistically a way of saying that you can sit in front of the television masturbating which would be impossible to do at the show without being arrested for gross indecency in a public place.

In retrospect, the females' ennui was not unexpected since there was only one male performer whose G-String remained on throughout, although he did swing about on a rope, thrusting his pelvis into the audience, which I guess is moderately stimulating for those interested in this sort of thing. Perhaps this preservation of humility is a result of the laws regulating pornography: it is permissible to show explicit scenes of cunnilingus however, it is not to show an erect penis; pornographic videos will sometimes feature love sessions which show a woman 'jacking off' a man with a limp one, which I guess suggest that either the actor has remarkable self-control or that he has masturbated several times before hand to obtain this effect. The latter is more plausible as this would explain why, to a large extent, blacks are employed for this: not because of the belief that the negroid member is superior to the whiteman's counterpart but because the bruising of the genitals is less obvious.

The final scene involved all the female performers in a naked state (but of course) and square-bashing. I admit that this was my favourite act because it was the most tasteful, least pretentious and demonstrated the beauty of the female form.

'Bullshit, you're just a pervert', you, the reader, reply.

JAZZ

Shepp

I arrived late. Obviously. It was only eight o'clock but already it was standing room only. A man in a pork-pie hat and pinstripe suit was making jokes on stage to an appreciative audience. 'Turn up the microphone, I feel like Mick Jagger. I look a bit like him, don't I?' This was Archie Shepp, a man in his fifties, but still in excellent shape, drinking shorts and singing blues to a roaring audience. It was a side of Shepp that I had never seen before. It is easy to dispel those early l.p.'s (**The Magic Of Ju-Ju** and **Four For Trane**) as art for arts sake, jumping on the already

new to jazz, but British audiences have heard little in recent years. Now, the return of **Jalal of The Last Poets**, (appearing on the new **Working Week** l.p.). hopes to bring this expressive form back. Shepp himself is still touring Britain, (he plays at **The Forum**, Kentish Town on **May 16**). To miss him this time, is to miss one of the most versatile men in jazz at the moment.

CINEMA

Birdy

Did you ever see *One Flew Over the Cuckoo's Nest*? Well the new film *Birdy* is the same sort of formula; a lunatic, you think, and there's some Vietnam war thrown in there too somehow. None the less a good film with some very funny sequences and a well acted and portrayed friendship between Birdy and his boyhood chum Al, played by Matthew Modine and Nicolas Cage. Lighting and music gives a similar atmosphere to many of Alan Parker's previous films.

Yes, the man who brought you *Midnight Express* and *The Wall*, Alan Parker sat in front of me for the interview. Seeing his grey hair and big headed smile left you wondering how this could really be the man who ruined the Turkish tourist trade. The interview is short and he has little to say.

He is keen to talk about the new film and the new flying cameras used for the first time, with little success. He crashed most of them. He says he likes the commercial aspect of the film—American money—as it helps him to get his film, and what he has to say, to the largest audience. Frankly he has said very little in the film, what there is is mainly the author's work, William Wharton.

He mentions quickly, with nostalgia, how he started his career walking up and down Wardour Street with film scripts under his arms. That was twenty years ago. Since then he has shot commercials and was responsible for the film *Fame*.

Despite him and the annoying background knowledge I enjoyed the film. The book, I think, explains the schizophrenia which is left to the imagination in the film. You simply have to remember that he really wants to make love to the birds, rather than any high-school girl.

THEATRE



This is Tom Stoppard's classic play about philosophy and its absurd relation with the real world. Dorothy, (Felicity Kendal) failed vaudeville star, throws a party, whilst her husband, George (Paul Eddington) desperately trying to finish his symposium on the existence of God. The festivities are abruptly halted when one guest, Duncan McFee is shot dead. Left with a dead lecturer in her room, Dotty begins to lose her grip, whilst George, quite unaware that anything is amiss, is unable to offer any help or understanding. Her only succour is Archie, Vice President of the University, who neatly disposes of the body and side-steps the ensuing police investigation.

It is difficult to pin down what makes this play so successful. As an established play perhaps it is ideally suited to the West End, because so much of its meaning is contained in the text, requiring little expressive acting from its cast. This is unfortunately true of Paul Eddington, whose long philosophical monologues lose much meaning in their delivery. Felicity Kendal is both passionate and provocative, and is quite accustomed to Stoppard's work, having worked with Peter Wood (director) both on this and his play, *The Real Thing*. Most spectacular of all, however are the professors of philosophy, the jumpers, whose spectacular acrobatics conclude this farce in excellent cabaret. An excellent play. Why can't the West End be like this all the time?

SINGLES

Toyah: Don't Fall In Love

Now recording for CBS, this new single was meant to herald a new start for Toyah. Unfortunately, despite the hype that has bought it a chart place, the music and lyrics are equally uninspiring. Boring.

Philip Bailey: Walking On The Chinese Wall

Title track from his album, this suffers from the same Phil Collins percussion production and repetitive melodies as the other tracks. *Easy Lover* was a brilliant single (even if I, like most others, am now bored to death with it) but this doesn't come close to it.

Claire Hamill: If You'd Only Talk To Me

Now supporting Rick Wakeman on tour, Claire has had more experience of the

true soul scene (instead of the plastic disco imitations) than most others. Despite the Lindisfarne voice, and Stuart Coleman (Of Shaky fame) production, a marvellously lilting tune.

Bangles: Going To Liverpool

The all new, all female, latest Bananarama imitators have yet another all new, all female, Banarama imitation—and a pretty poor one at that. Gerry and The Pacemakers meets Abba on vinyl.

Sugar Sugar: Bouncing Up

The thing I most dislike about this single is that it's not a full seven inches wide and so it f---ks up my stylus. Mind you the music doesn't do much to ease that initial antipathy. Why is pop music so bland these days.?



unsteady bandwagon of the times—but here was living proof that a good man matures with age. Playing a lot of mainstream themes (**Charlie Parker** early **Coltrane** and **Eubie Blake** ballads), Shepp quite often changes tempo, (as in **The Girl From Ipanema**; Latin-American to 4:4 time), laying down riffs, sometime diffidently, often at a breakneck pace. He was obviously dissatisfied with the amplification in the house. After a furious turn, and amidst cheers and applause, he reached down and fished out a large microphone concealed deep inside his saxophone.

If his jazz has become more palatable, it is no less meaningful than that work of a decade ago, but it is more direct. Shepp's jazz-poetry, spoken and sung over a loose rhythmic backing (by drummer **Charlie Chan Jr**) conveys the message that once his horn would have taken up. Poetry is nothing

SUMMER JOBS

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CLOSING DATE FOR APPLICATIONS: FRIDAY, 10 MAY 1985

CRICKET

Summer game

Second XI

Last Wednesday, as foretold in FELIX, the IC Second XI cricket team set forth for Harlington armed with only eleven men(?). A bad start 15 runs for 2 wickets was rescued by skipper Gareth Fish and freshman Ian Morgan. Fish played on before lunch for 47 with IC 100 for 6 against Surrey. During lunch the rest of the team arrived and afterwards took us to 147 all out. Surrey were 18 for 2 then 39 for 3. Ten dropped catches and some very dubious umpiring from the Surrey camp allowed them to score the 148 required from only 36 overs. Next week is the crunch against the favourites Reading.

Result: Surrey bt IC 2nd XI by 6 wickets, their first UAU win for seven years.

UG Victory

A fine match this was, played between two teams of RCS Gentlemen, during which much new talent was displayed (not always for cricket).

The game commenced at 2.13pm precisely on time, the UGs having won the toss and electing to bat.

An excellent innings produced three 50s, with Mike Jordan scoring 67, Ian Morgan with 62 and Dave Layland (captain) an unbeaten 50. The PGs fought back some extent Robin Graham taking three wickets in his short spell of spin bowling.

Eventually, the UGs declared at 214 for 8, and both teams, with spectators, proceeded to devour the teas they had carted along.

The PGs started soundly but were seen under pressure from

the fast opening attack of Dave Shipley and Phil Rawstron. One over by the captain led to a very close run out, followed by the wild (if not wide) antics of a certain A T Belk. Mike Jordan then proved himself a very able bowler with figures of two for two resulting in the final defeat of the PGs on 78 all out.

Many thanks to everyone who turned up—I hope they enjoyed themselves, and thanks especially to Dave and Robin for their captaincies.

Ps We challenge the Maths UGs—Just name a date Roy!

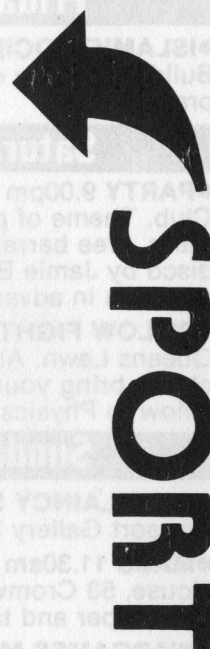
Sunday XI

Anyone, *yes ANYONE*, who wants a game of cricket. on Sundays May 19 and/or June 2, 16 or July 14, and 28 then the Sunday XI is for you. A batsman who wants a bowl, a bowler who wants to bat, a fly-half, prop, goalie, striker, cox, flasher, stalker who's after a game, then sign up on the cricket noticeboard (just outside the Union bar) and await selection!

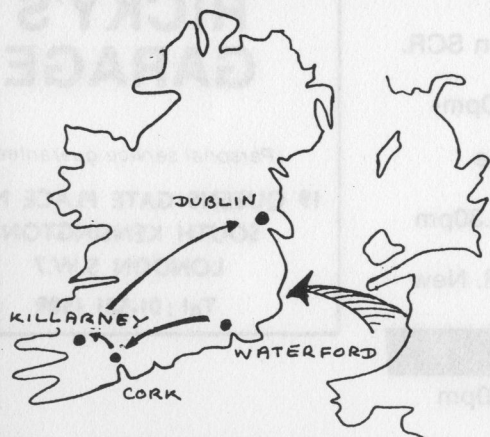
Can someone please write some match reports?

Hand them in to the FELIX Office any time up to Wednesday night.

Sports Ed



industrial society



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DIARY

Friday 10

● **ISLAMIC SOCIETY** 1.00pm Union Building. Friday congregational prayers.

Saturday 11

● **PARTY** 9.00pm to 1.00am Holland Club. Theme of party: Vicars and Tarts. Free barrel after 11.00pm, disco by Jamie Bell. £1.00 (tickets available in advance).

● **PILLOW FIGHT** 3.00pm Rag Fete Queens Lawn. All PP Soc fighters please bring yourself and your pillow to Physics level 2 at 2.30pm.

Sunday 12

● **CHAPLAINCY SERVICE** 10.00am Consort Gallery Sheffield.

● **MASS** 11.30am and 6.00pm More House, 53 Cromwell Road. Mass, bar supper and talk.

● **WARGAMES MEETING** 1.00pm Union SCR. 10% discount on games, membership £1.50.

Monday 13

● **ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office. Come along and find out about the activities of the Community Action Group.

● **HANG GLIDING MEETING** 12.30pm Southside Upper Lounge.

● **WATERSKI CLUB MEETING** 12.30pm above Southside Bar. Sign up for Wednesday and Saturday skiing.

● **CHRISTIAN UNION** 5.30pm Green Committee Room, Union 5th floor. Meet for prayer each Monday till 6.30pm

● **IC WINDBAND REHEARSALS (1812)** 5.45pm to 7.15pm Great Hall. All Windplayers welcome for this great extravaganza!

● **BIOTECHNOLOGY SOCIETY MEETING** 5.45pm Biochemistry Building Link 4 Lecture Room. 'Hands off my Genes', talk on Biotechnology and the Law by Peter Elliott, Patent Agent. All Welcome.

● **DANCE CLUB** 6.30pm, JCR. Advanced Ballroom and Latin 6.30pm (Jazz), 7.30pm (Ballroom) 75p.

Tuesday 14

● **THE IMPERIAL WORKOUT** 6.00pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome. 50p a lesson, membership £1.00.

● **CANOE CLUB** 6.30pm IC Swimming Pool. Trip every other weekend.

● **NORTH AMERICAN STALL** 12.30pm JCR. Vacation in the USA—Work and Play you'll never have another chance (looks good on CV too)

● **AUDIOSOC** 12.30pm Union Upper Lounge. Discount record club meeting, buy records cassettes, videos etc at trade prices.

● **MASS AND LUNCH** 12.30pm Chemistry 231.

● **HOVERCRAFT CLUB MEETING** 12.45pm Lower Gallery, Linstead Hall.

● **QT MEETING** 1.00pm Southside Upper Lounge.

● **RIDING CLUB** 1.00pm Southside Upper Lounge. Meeting.

● **RED BURGUNDY TASTING** 6.00pm SCR. Members £2.50, non-members £3.00.

● **JUDO PRACTICE** 6.30pm Union Gym Beit Quad. Price 50p mat fee.

● **DANCE CLUB** 7.00pm(inter) and 8.00pm(improv) JCR. Intermediate Ballroom and Latin and Improvers Ballroom and Latin. 50p.

● **OPSOC REHEARSAL** 7.30pm Music Room, 53, Prince's Gate. Meet in Southside Bar before rehearsal.

Wednesday 15

● **ICCAG HOSPITAL VISITING** 12.45pm, Mech Eng Foyer.

● **WARGAMES** 1.00pm, Union SCR. 10% discount on games.

● **ISLAMIC TEACHINGS** 1.30pm-2.00pm, 9 Princes Gardens. Muhammad as foretold in the Bible. Free.

● **MICRO CLUB MEETING** 1.30pm Mines 401. Membership £2.

● **DANCE CLUB** 8.00pm JCR. New Beginners Class. 50p.

Thursday 16

● **METHSOC MEETING** 12.30pm Chem. Eng. E400. Informal meeting, lunch available.

● **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club meeting. Buy records, cassettes, videos, etc. at trade prices.

● **ICYHA BUTTIES** 12.30pm Southside Upper Lounge. Our weekly meeting with information on this term's coming events. All welcome.

● **THE IMPERIAL WORKOUT** 12.45pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome 50p.

● **STAMP CLUB MEETING** 12.45pm Chemistry 231.

● **BALLOON CLUB MEETING** 12.45pm, Southside Upper Lounge.

● **STOIC BROADCAST** 1.00pm and 6.00pm JCR, Southside TV Lounge and all Hall TV sets. Newsbreak—The last of the year, including the Rag Fete.

● **SCIENCE FICTION SOCIETY** 1.00pm library meeting. Access to the society's 600 volume library. All members welcome. Union Green Committee Room.

● **QURANIC CIRCLE** 1.30pm 9, Princes Gardens. Learn the science of the recitation of the Quran.

● **THE IMPERIAL WORKOUT** 6.00pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome. 50p a lesson, membership £1.00.

● **ICCAG SOUP RUN** 9.15pm, meet Weeks Hall, Princes Gardens. Taking soup, biscuits and meeting some of London's homeless.

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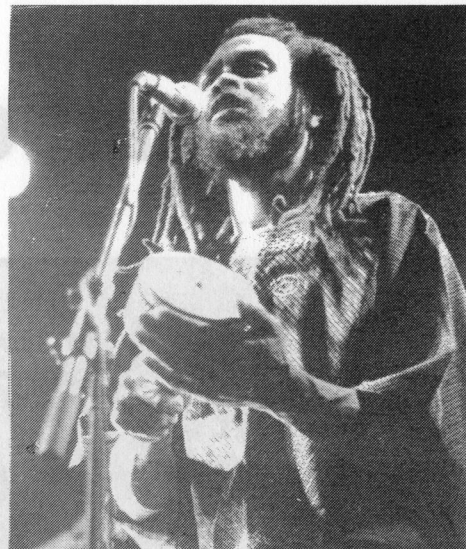
★It really **must** be summer, when James Brown comes to town. This is the man who gave you *Papa's Got A Brand New Bag*, and who invented numerous dance steps such as the Fly, The Mashed Potato, and the Camel Walk. The self acclaimed Godfather Of Funk, making his first appearance in ooh-ever-such-a-long-time, will be playing at the Hammersmith Odeon on the 25, 26 and 27 of May.

★The **American Festival**, which runs till the end of May, has provided the chance of a number of American musicians, actors playwrights and artists to perform and talk about their work, many for the first time in this country. **Margaret Jenkins** is one such woman, who brings her dance company to **The Place** to perform three new works, (**First Figure, Whatever Happened To Tina Croll?** and **Inside Outside**). Her work is spectacularly visual, combining dance with theatre, and has been much acclaimed in America. The show runs until the 12th. **Admission £3.25**

★**Count of Three** is a new and successful theatre company who are no strangers to the Edingburgh Festival. Their new production of **The Bedsitting Room** starts at **The Three Horseshoes** and runs for a week. Like most of **Spike Milligan's** plays, it is hugely funny although the plot (some thing to do with a nuclear holocaust and peagee), defies description. So, I might add, do the actors.

★'Twelve dozen dental mirrors please, and a stuffed alligator'. Such shopping lists are run-of-the-mill stuff for **Laurence Corner**, (62 - 64, Hampstead Rd.), an outfitters with a difference. In addition to the usual selection of Government Surplus, they are able to offer large quantities of commercial uniforms, (including, at present, practically the entire stock of British Airways air-hostess' outfits), at remarkably cheap prices. Over the road they deal in surplus equipment, (four-foot machetes, tongue depressors, wigs, glass eyes, that sort of thing) Now you'll never be stuck for birthday presents again...

Capital
· I · D · E · A · S ·



★To promote their new l.p., **Musi-O-Tanya**, hard-reggae band **Misty In Roots** play at **ULU**, (Malet St) tonight, starting at 8.00pm, Admission £4.00.

★Making a rare appearance in Britain, **Jimmy Rogers** and **Phil Guy** are indisputably two of the largest names in the blues-field. Rogers, who worked extensively with **Muddy Waters** in the late 50's and 60's is now recording on **Chess Records**, Guy makes his first appearance in this country, and both appear at the **100 Club**, Oxford Street, on **May 19**. Arrive early.



RAG FETE

Climb the Queens Tower
Fun and Games
Stalls
on the Queens Lawn

Saturday 11th May

STA Competition Winner



Pictured above is Andy Thomis, lucky winner of the FELIX/STA Travel Competition. He is shown in the ULU Travel Office in the JCR, receiving his ticket for a weekend in Paris for two.

Bye, Brian

THERE WILL BE a chance for staff and students to bid the Rector farewell at an informal gathering on Wednesday 19 June between 5.00pm and 7.00pm. Beer and bangers will be provided in the main Dining Hall, Sherfield and, weather permitting, on the Queen's Lawn. Everyone is welcome to attend.

Rent rise

THE FINAL DECISION on rent increases in student Halls and Houses has been deferred until next month when the level of next year's grant will be announced. The College is seeking an increase which is expected to be more than the grant increase.

Appealing procedure

A NEW APPEALS procedure is to be introduced for students who are disciplined by Hall or House wardens. At present any appeal can only be referred to the College Disciplinary Appeals Committee. This body was thought to be too high-powered and so the first line of appeal will be to a new Residence Tribunal, which will be made up of the deputy chairman of the student Residence Committee, a Hall and a House Warden and the President and Hon Sec of IC Union. The tribunal can also be used if wardens are unsure about whether or not a fine should be imposed.

Late rent surcharge

IN FUTURE a surcharge of £15 will be made to Hall residents who fail to pay their rent within two weeks of receiving the bill. Many people don't bother paying until the end of term in order to gain interest on the money, or in some cases to spend it. This surcharge may be waived if a valid reason for default is given to the Student Services Officer.

Rooms

SINGLE AND SHARED rooms are available in College accommodation for immediate occupation until the end of term. Contact Leslie in the Student Services Office.

SMALL ADS

ANNOUNCEMENTS

●Do you need a typist for your thesis/dissertation/report? The HALDANE LIBRARY has a large file of addresses and phone numbers. Please ask at Library Counter.

●Got anything you want to advertise? How about the Small Ads noticeboard in the Haldane Library? (Not accommodation ads). USE YOUR LIBRARY

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●Two 3-speed ladies bikes, one £30, the other £50ono. Contact Caire on 675 0617.

LOST

●White Envelope containing 8 or 9 slides- Pictures of Guilds Presidents Dinner. If found please return to Maribel Anderson via Guilds Office.

ACCOMMODATION

●Single room in Selkirk Hall available for rest of term for £26 a week. Contact Monka Staffico. Tel 5841416 anytime.

●Two rooms and own kitchen situated in Tooting, suitable for 2 people. The house is 5 minutes walk from Tooting Bec tube. The rooms are available from 1 June at £208 per month, contact Susan on 672 8274 for further details.

●Flatshare available for one person. June 8 to September 29. Hamlet Gardens Flat (not College Run). £25 pw. Phone Dave Robinson ext 6806 or 741 0003 evenings.

●Two students wanted to share in Fulham with two girls. Double room starting September £30pw each. Contact D Walker, 3 Dorncliffe Rd SW 6.

●Two people required to share a flat for 6 in Hammersmith, non-smokers preferred. For details contact P Toomer Maths 2 on 748 6149 ext 218 ASAP.

●House-share for next year one double and one single on College company let £30pw lovely area next to Wimbledon Common and Richmond Park Garage available from June 27. Nick Wooder ext 6866 or 789 9796 (evenings).

PERSONAL

●Pillow talk—PPS meets QTS at the Rag Fete.

●Say it with pillows—Join PPSoc.

●Terminators will obliterate the QT wimps at the Rag Fete—be there!

●Will PPSoc share the Chairman at the Rag Fete?—Will pigs fly??

●PPSoc wish to deny the libellous rumour that we have ceased to be and would like to remind QT that we're in better shape than they are!

●Dave Shepherd? Where are you? Please report in to any College bar to receive your emergency transfusion of Guinness.

●Juliette—the yolk's on you!

●Will Iain Wide Boy Smith make another video?

●Warning: The vixens are full of the joys of spring! Watch out all you men of power.

●Avoid creaking bed-springs; sleep on the floor! See N James for details.

●Guilds Guides—T-shirts and centenary histories non available from Guilds Office.

●Tiggers v Diggers: 2:1

●To Pete, Happy Birthday and I'll be at your next one promise CWIS.

●Lots of Birthday kisses to our paedophiliac, 21 year old Station Manager, with love from all the IC Rad females (and CWIS)xxx.

●From one old Croc to another: Happy Birthday!