



# Felix

## NEWSPAPER OF IMPERIAL COLLEGE UNION

# MOONEY MONOPOLY SMASHED!

The College has given the go ahead for IC Union to run the refectory in the Union Building next session. The final decision was made at a meeting of the Rector's Policy Committee on Tuesday. The Union takeover represents a radical departure from previous College policy of maintaining a centrally-managed catering service throughout College, the so-called 'Mooney Monopoly'.

The Union's aim in running the refectory would be to provide a snack bar outlet with simple hot and cold food during the lunch period and snacks during mid-morning and afternoon sessions. Extensive use will be made of microwave cookers for serving hot snacks. Other lines will be prepared on-site, eg sandwiches, rolls, ploughman's lunches, etc.

The details of the takeover have still to be worked out between College and the Union. Under the Union's proposals the refectory will be run by a full time refectory manager and an assistant who will be employed during term time only. Additional staff will be employed on a casual basis. The Union will oversee the management through a Catering Committee consisting of Union officers and the refectory manager. This committee will be responsible for overall policy and long term planning for the outlet, rather than day to day running which will be the responsibility of the manager.

The Union Building refectory has been declining in popularity for several years, despite being moved from the present Ents



Mr Mooney at work

'Lounge Lizards' room to the lounge bar two years ago. The move involved considerable investment by College in constructing a completely new outlet in an effort to revitalise the refectory. However, despite the refectory's facelift the food served remained almost identical to that sold in the old outlet and the decline continued. During the present academic year the refectory has made a substantial loss and it had been accepted by the College that major changes were necessary and consideration had been given to closing the refectory completely.

## Rent Increase To Match Grant

The College have agreed to keep rent increases down to approximately 4% for College-owned premises. This figure, which is in line with the student grant increase, will mean 50p to £1 extra per week for students in Halls and Evelyn Gardens. Rents for Head Tenancies are likely to go up more, since increases of up to 10% have been imposed by the landlords. The College has agreed, however, to absorb some of this amount, hopefully leading to an increase to the student of less than 10%.

The bill for messengers and security in Halls is to go to the residence account from now on. The annual cost at present is some £97,000, but Student Residence Committee (SRC) have outlined a reduction in service which would lead to an annual bill of £42,000. The Rector has agreed that the £55,000 difference will be met out of the College account, until the reductions in service can be achieved by natural wastage.

The Rector has also indicated that the two flats in Linstead Hall at present occupied by academics will be put at the disposal of the SRC as soon as possible. This will release a number of places for student use, probably as accommodation for married students. The Penthouse flats in Southside on the other hand, seem certain to return to use by academics.

The College is at present looking for a new residence for between 100 and 200 students. This will replace the Fremantle Hotel, the lease for which expires in 1985. In view of the problems experienced with the Fremantle it seems unlikely that the lease would be renewed. The properties viewed so far are too expensive to be self-financing if rents are to be kept at a reasonable level. It is hoped that income derived from the Summer Accommodation Scheme could be used to supplement funds for such a purchase. Last year the scheme raised a record of £98,000 compared with less than half that figure in previous years. (For the bad news see page 3).

## Jo Goes!



The Union's receptionist Jo Hewanicka left on 4 April to take up a job in graphic design. She has been employed by the Union for nearly three years, before which she worked in the College Conference Office.

During her time in the Union Office Jo's friendly and helpful manner has been appreciated by all those making enquiries in the office.

It is not expected that a new receptionist will be appointed until September. In the meantime Union officers and staff will be covering her duties. It would greatly assist them if all members of clubs and societies would check the Message Book in the Union Office for their messages.

## Open at Last

The new travel office in the JCR is expected to open on Monday after a week's delay. The office will be called 'ULU Travel at IC' and will be operated by STA of Old Brompton Road.



## AP Outrage

Dear Editor

As current Alternative Prospectus Editor, I must voice my feelings of anger and disgust towards IC Exec for overruling Council's decision to provide a pewter tankard for the post of AP Editor.

Apparently the Exec consider such a provision 'unimportant'. Adding insult to injury, Christine Teller has gone on to say that there is no reason why Publications Board cannot purchase their own tankard outside. (This would cost £25 more than one from the Union.) Apparently, the Exec are more interested in conserving their slowly dwindling stock of blank tankards than seeing any of them put to good use.

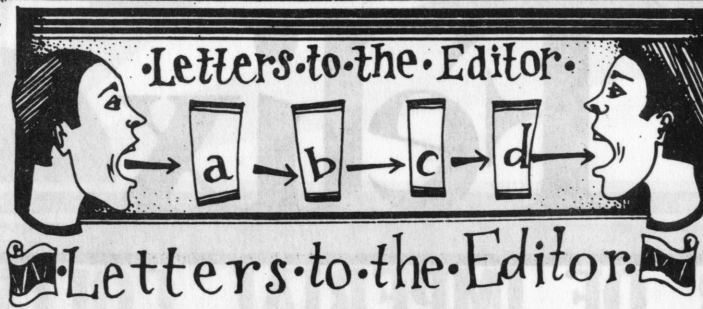
Let us remember what the AP is for: it is a publication which attempts to show students' feelings about their courses and IC itself to prospective students. If the AP was 100% successful, no one would come here without knowing what they were letting themselves in for.

In the past, the AP was produced by the Academic Affairs Officer. The Editor's post was created to put production and presentation into the hands of a publications specialist (and to take a large burden from the shoulders of the AAO).

Now let us consider tankards: frivolous and unnecessary they certainly are, but they remain a vital part of IC tradition. In their refusal to grant one to AP Editors past, present and future, Exec have insulted and belittled David Rowe and Hugh Southey and the hard work they have put into the AP. They have also forced the resignation of David Rowe, a most able Pub Board Chairman who has always been ready to help with advice about printing, publishing and advertising for publications editors.

As to my own course of action, my resignation from the post of AP Editor would be entirely justified: I do not do so only because this would be detrimental to next year's AP.

Yours  
Diane Love  
Physics PG  
AP Editor 1983/4



Dear Pallab

To many the decision of Dave Rowe to resign over a matter as apparently trivial as a pot for AP must have seemed petty. After all pots, like many of IC's traditions, are merely anachronisms. Reminders of the days when women weren't allowed in the Union Bar and the Union Building was only on two levels. However to take this view ignores the significance of these pots.

Pots are traditionally purchased by the Union for certain Union posts. These posts have to be well established. Other than this there appear to be few criteria for the decision. There have now been three AP Editors, all of whom have done the job to the best of their ability. They have each produced eighty page booklets that have been among the best of their kind in the country. All three have had to work extremely hard (often into the early hours of the morning) and have needed a high level of commitment. When one compares the performance of the AP Editors with that of some of the more anonymous Union officers, who seem to have been awarded pots because of their capacity for sherry, the only possible conclusion is that the Exec's decision was wrong, and a calculated insult to the AP Editors. Possibly the real reason was the unpopularity of FELIX with the Union Office.

To the majority of Union members, the fact that the Exec overturned a Council decision should be more worrying. The pot was approved unanimously by Council, a committee that is made up of over forty people representing all the Union's activities. It is a far more representative committee than the Executive. The Executive should only make decisions concerning day to day decisions as it is made up of only six people. Six people who can hardly be said to be representative. Hopefully next Monday Council will overturn

the Executive's decision and show that its decisions should only be reversed by UGMs (the most democratic forum of all).

If you still think the AP Editor's pot is a storm in a teacup, then I apologise for wasting your time. However, hopefully this letter will have explained the amazement of Dave Rowe, Diane Love and myself about the decision.

Yours  
Hugh Southey  
AP Editor 1982/3

Dear Pallab

I am shocked that the Exec should refuse Pub Board a pot from the Union stock for use by the AP Editor. They have interfered beyond the remit given to them by the Constitution and have no right to overturn decisions by Pub Board and Council. I would hope the latter body would express their dissatisfaction at their action in the strongest possible way.

I hope that the Exec have good reason to take the action they did. It would be sad if such a fine Exec has descended so far as to act out of petty vindictiveness. Such meanness of spirit is very sad indeed.

I remain  
Yours sincerely  
Stephen Goulder

## RCM Riot

Dear Sir

Last Wednesday (21 March) we held a party at RCM at which several IC students were present—and to which they are normally welcome—however, amongst those IC students present, 3 males have caused us much concern.

They did not wish to pay the modest entrance charge of £1, but were persuaded to do so. Before they left, they blocked the sinks in the 3rd floor lavatories and left the taps running. This caused extensive flooding and put one of our lifts out of action. They also pulled

towel holders and tiles off the wall, pulled half a dozen lockers off the wall, molested a female student and departed with a fire extinguisher.

At the time of this party, our Bursar was celebrating his retirement with colleagues and the Council. The ensuing mopping-up operation almost ruined his party and left me considerably embarrassed.

In future, all non-RCM students will be required to produce identification and sign in at our parties which I think is unfriendly and tedious, but in the light of what went on at our last party, I think such measures are perfectly reasonable.

Yours faithfully  
Daniel Meyer  
President

## NUS Nasties

Sir

Once again the NUS debate is re-hashed in FELIX. The report of Imperial's two observers to the NUS Easter Conference is factually inaccurate and glossed over the undemocratic and unrepresentative nature of NUS. Free speech, for example, was not possible if you were a member of the Federation of Conservative Students (FCS) while the hard left of the Labour Students had ample freedom to promote their revolutionary activities. Physical assault and verbal abuse was rampant and the present Vice Chairman of FCS was kicked in the head after a speech. Where delegates were the only Tory from their university there were many cases of intimidation by the other (left-wing) members of their delegation, and one who refused to vote for a Labour candidate had her voting card ripped from her hand when she tried to vote. Many Conservatives were labelled as racist and fascist and the police had to be called several times to restore order.

Rather than promoting such a reprehensible organisation as NUS should not Imperial be helping other colleges in London to disaffiliate as we have?

Yours Graham Brown  
ConSoc Chairman-elect



## Miscellany at a different length than usual

### UGM Sketch

It is with much regret that the UGM Sketch this week will *not* break with tradition. In the past half a page has been written about a three minute meeting whilst the last meeting was excessively long only for the sketch to be butchered down to a few column inches. This was rather unfortunate as a veritable abundance of typically caustic

wit was lost, most of it being disparaging remarks about the FELIX Editor-elect David Rowe. This "Guinness-swilling penniless nomad" was one of the few people to attend yesterday's short meeting (someone called quorum right at the start) and he actually made a disparaging remark himself: during informal discussions about the formation of a lunatic fringe at College Rowe pointed out that such a body already exists (not Consoc, STOIC, WIST or Ladies Rugby) but the Executive (ie the sabbaticals and CCU Presidents). Those Exec members on show yesterday failed to provide conclusive evidence for Mr Rowe's hypothesis—one is patently bald anyway and there's nothing wrong with Gaynor's fringe a pair of scissors couldn't

cure although Sean Davies recent coiffure has been seen as lunatic in some circles. Perhaps nonsense DP Christine Teller could have sorted it all out but she was at the dentists prompting comments about "the horse's mouth" from one cruel observer.



Christine

## The Bad News

Students living in London over the Christmas and Easter vacations could be seriously out of pocket if new DHSS proposals to stop them claiming benefit over the vacation are approved by the Government. The proposals are confidential at present, but were published in the *Guardian* on Wednesday.

At present if you are paying rent whilst staying in your flat or room during the short vacations you can claim the whole of your rent back in housing benefit. During term time you can only claim if your rent (not including rates, electricity, etc) is over £19.45 per week, and some students are able to claim a few pounds. The new proposals will allow claims if the residual rent is above £15.35 per week, but this figure will apply during the short vacations as well. In addition it is proposed that rates will be taken into account in a different way resulting in a reduction in the amount paid in benefit.

The result will be that those students who can presently claim during term time will continue to be paid this benefit through the vacations, but will not be eligible to claim more during vacations. Others unable to claim in term time will not be able to claim back their vacation rents. These changes will cost some students well over £100 per year in lost benefits.

Union Welfare Advisor Karen Stott expressed concern about the new proposals. She said the Government was already planning big cuts in housing benefit in November and these new proposals were in addition to those. She will be monitoring the situation carefully over the coming months to assess how any changes will affect IC students.

These proposals follow the Government's recent announcement that the system of claiming travelling expenses will be changed next year. A flat rate of £100 per student (£160 for those living at home) is to be added to the grant, and no additional claim will be possible unless you spend more than £250 on travel. These new arrangements do not apply to those living in Scotland, who can claim as at present. (See article on page 11.)

## Guardian Praises IC

Imperial College's reply to the recent University Grants Committee (UGC) questionnaire has been greeted with a chorus of support from other institutions, according to the *Guardian's* Education Correspondent John Fairhall, in an article in the paper on Tuesday.

Mr Fairhall points out that IC has that combination of high academic standards and industrial relevance that is one of the main aims of the 'Sir Keith Joseph selective approach'. He goes on to quote from IC's reply to the UGC:

"To expect academic staff to work in deteriorating buildings with obsolescent equipment, to teach classes which they know are too large, and to spend more of their time chasing grants and contracts and doing work that should have been done by non-existent secretaries or technicians is to use inefficiently the most expensive resource.....higher education."

The message coming from IC and from other institutions is that the Government's higher education policy is too crude in its definition and application. There is also a call for better science and maths facilities in schools in order to attract more good students to take these subjects, resulting in more highly qualified applicants to places like IC. This comes in the face of the present Government's policy for the funding of education which seems certain to continue to erode the service at all levels.

## Castaways Washed up in Piccadilly toilet

The IC Union Office was broken into early on Friday morning last week and the trophy cabinet was broken into. Only one trophy, the 'Castaways Cup', was stolen and this was later recovered by Vine Street police after being found in the public lavatories at Piccadilly Circus.

The thieves are thought to have made their entry through the Senior Common Room and the Hon Sec's Office. They then smashed the glass-fronted trophy cabinet, activating the burglar alarm.

Security staff in Beit Quad mistook this for the ladies' toilet rape alarm, although the control board has two lights to indicate which of the alarms has been activated. Security immediately visited the toilets but on finding nothing amiss left without checking the Union Office. Consequently, the thieves were not challenged and made a free get-away.

Officers from the local constabulary investigated the theft on Friday afternoon, assisted by IC security. The news of the trophy's recovery came early in the same evening from the University of London Union. It was handed in by a member of the public to the police who returned it to ULU since it is a University trophy. The trophy stolen was one of the least valuable and a number of solid silver cups were left behind. The 'Castaways Cup' is an inter-college trophy, held at present by IC Sailing Club.

The present alarm system in the Union Building was installed after £5,000 worth of trophies were stolen in August 1980. These trophies were never recovered, and the present display consists of replicas. There are now plans to replace the present trophy cabinet alarm system with one independent of the rape alarm.

## OBITUARY

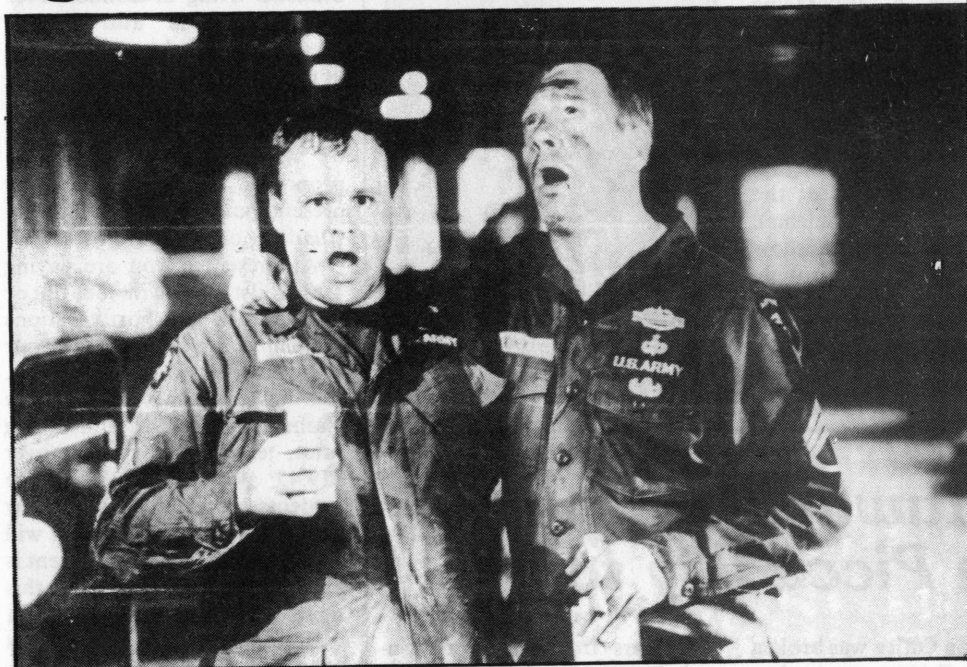
Mark Simms, who graduated from the Electrical Engineering department last year, was killed in a road accident on 27 March. Mark was a very active student who was popular with both fellow students and lecturers. He was STOIC Treasurer for two years and was awarded social colours for his services to that society. He left College to work as an engineer for the BBC at Television Centre and such was his interest in television that he and three colleagues formed their own video production company while still at College.

He will be greatly missed by his family, friends and colleagues.

Martin Cowan



# STREAMERS



A scene from the *Silwood Ball*.

Robert Altman's *Streamers* (18, Gate Bloomsbury) begins and ends with powerful sequences depicting the US army in machine-like precision—a company of soldiers drill immaculately in a strongly back-lit haze accompanied by the sharp reports of their rifle actions and the smack of their boots on the parade ground. In between personnel machinations are put under a powerful searchlight to reveal multiple flaws in an equally powerful if less entertaining fashion. The trouble with *Streamers* is that it betrays its origins as a stage play all too quickly; by confining the action to one barrack room—in here the squaddies live before being shipped to Vietnam—Altman excludes the possibilities so effectively utilised by Coppola in *Apocalypse Now* where the vast panorama of Vietnam acted as a stage for the characters. Nevertheless *Streamers'* budget was probably less than that for helicopter fuel in *Apocalypse* and there are stunning performances all round, notably Mitchell Lichtenstein's Richie and Michael Wright as Carlyle the quick-talking smartass (clichéd) black whose abrasive personality accentuates the strong racial and sexual tensions in the barrack room causing further deterioration of the already fragile friendships.

Similarly evocative is Pal Sander's *Daniel Takes a Train* (15 Gate Notting Hill—Hungarian with sub-titles) the tale of two young men in the wake of the Hungarian uprising of 1956 and the subsequent Russian intervention. In an interview with the director printed in the press handout Sandor states that he didn't intend the film to clarify the

events of 1956, rather give an 'honest and authentic presentation of a theme'. This he certainly does in a taut film which is excellently photographed from the surprisingly original opening sequence to the cryptic conclusion which evokes chaos, confusion and fear in equal proportions. The Daniel of the title is a vaguely incompetent youth who boards the train to follow his girlfriend who has left for Austria with her rich shopkeeping parents. Also on the train is his friend Gyari who as an insurgent is fair-game for the secret police patrolling the train. Much of the train sequence which is central to the film is involved in brief snatches of conversation between other passengers who are all scared and seem to have secret (police) histories. Some of these are resolved (like Kapos, the acid-scarred ex-policeman who once incriminated Gyari's father and with whom Gyari briefly reconciles whilst waiting for the trucks to shepherd them out of Hungary) but even more are never explained—two dandies, a hooker and one young couple. *Daniel Takes A Train* is essentially a film about loyalties—ideological, national and personal.



*Secret Places* starring Jenny Agutter.

Set in the Germany of 1966 during the British beat invasion led by the Stones, Beatles, Kinks et al *The Heartbreakers* (15, ICA and Classic Oxford St—subtitles) records the rise to near cult status of a band of that name. The central character is Bowie-clone Freytay, much prone to incoherency, tantrums and crude sexism until he succumbs to the charms of nymphette songstress Lisa. Many of Freytog's problems arise from his total lack of home or family life (bar the odd goldfish) whilst Lisa's problems are exactly the opposite—her drunken degenerate father and motorcycle thug brother.

Add to this randy drummer Schmittchen, pill-popping fatso Uwe on guitar, harmonica and occasional church organ, bespectacled bassist Guido and chain-smoking 14 year old manager Pico and you have the basis for a good comedy. Unfortunately superfluous incidentals in the plot and the sheer age of the music (and not even the originals at that) lead, to the film (at just two hours) being 30 minutes too long and much too dated. The characters are also too young to be believable—unlike the excellent *Breaking Glass* and more like *Times Square* (the worst teen music film this writer has seen). Nevertheless its essentially circular nature—it begins with Pico disappointed outside a Stones gig (bullshit was his verdict) and ends outside a similar hall with Pico equally downhearted due to The Heartbreakers' failure to win a Battle of the Bands competition—reflects the relentless and repetitive nature of the music industry. At the end Pico still hasn't a light for his cigarette and by unwittingly asking a mounted policeman for one he provides a suitably throwaway line to end a throwaway film.

The arrival of ice-cool German beauty Laura Meister into a class of pubescent school girrills in wartime Britain provides a classic scenario for a Bunty-style romp, complete with its ration of Occers, chums and poshes.

However for some of the time *Secret Places* (15) does adopt a more moral tone care of veiled warnings from an ageing schoolmarm on lesbian liasons (causing poor Patience to burn the muffins she ws toasting—fiddlesticks!), a gymslip pregnancy, and unsuccessful self-abortion for Nina courtesy of one of the neighbouring GIs and the breakdown of Laura's psychosomatic mother after the death of her son, a Luftwaffe pilot who shopped Laura's physicist father to the Nazis, the latter subsequently being detained by the British.

The film's fatal flaw is that despite this abundance of melodrama and a host of fine performances—especially Marie-Theres Relin as Laura, Cassie Stuart as fizzy blonde Nina, Jenny Agutter as the school teacher much taken with the poetry of Keats as a substitute for all the young men on the front and Tara MacGowran (looking like a freckled Meryl Streep) as Patience, the only girl to befriend Laura—*Secret Places* fails both in the drama and 'absolute hoot and scream' stakes. C4's *First Love* series is in a similar vein and has much more to recommend it.

All the reviews are by Peter Rodgers.



Have you ever longed for a sea water enema at 40mph? This, I am reliably informed, is just one of the possible delights of waterskiing. The sport was invented around 1910, and reached IC at the start of this year, when IC Waterski Club was added to the 200 or so waterskiing clubs in Britain. It is one of the fastest growing sports in the country. Competitive skiing is in 3 types: slalom, jumps and tricks. ICWSC is pitched, so far, at a more modest level.

The Club ski at the West India Docks on the Isle of Dogs every Wednesday afternoon. A boat and changing facilities, are

## Using the edge-bar

hired from the Albatross Club.

The boat is 240 horsepower 'Correct Craft' which is of tournament standard. A wide range of skis is available for experienced skiers. However, the club is anxious to attract beginners as well. With sound instruction on hand most people are quite proficient after the first few tours.

When I went to ski for the first time, the first thing I was shown was how to get up from the water to a standing position as the boat pulls away. I was then taught how to do this while moving on the water on the 'edge-bar', a simple but very effective training device. A bar sticks out from the side of

## Invariably the skis came off

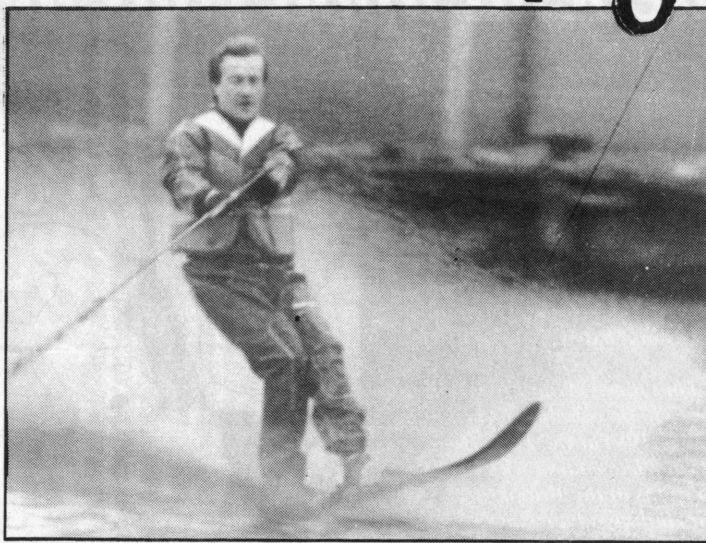
the boat to which the beginner holds on to for dear life. This allows instructions to be given from the boat until the all important techniques of getting up on the water has been mastered. This can be done in one afternoon. I found I fell over a lot, and invariably the skis came off. This wastes some time while you get in the boat to put them on. The better you get, the less time (and money) you waste.

Problems I noticed: being dockland, the water has the odd

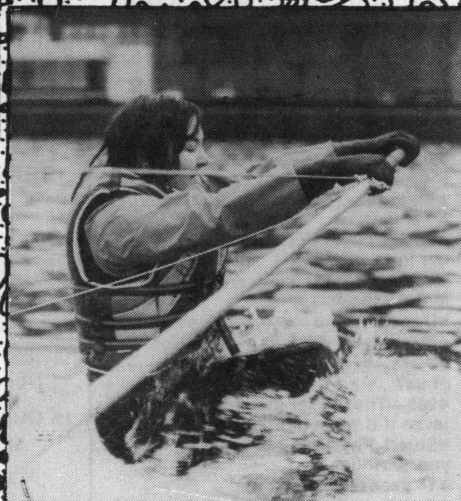
## It can be bloody cold

lump of wood, milk-crate or polythene bag to foul either the skier or the boat. The water is

# Waterskiing



Given eight quid, a towel and a spark of enthusiasm, you too can walk on water! Or in fact, better still, streak smoothly across it at incredible speed. FELIX reporter Peter Hobbs reports on an afternoon with IC's Waterskiing Club.



cleared quite frequently, but the location is not ideal in this respect. The Club are considering skiing at weekends, probably on a different stretch of water.

The other main problem is the cold. Wet suits can be hired from the Albatross Club at £1 per hour, but even so, it can be 'bloody cold' on the waterside once the suit is wet. However, hot drinks are available after skiing, and there are hot showers in the changing rooms. In any

## You don't need a wet suit

case, the worst weather is now past. I first saw them skiing in February! Warmer weather and lower winds make skiing much more enjoyable. All of the experienced skiers I've spoken to have skied in various exotic middle-eastern countries, and much swapping of stories goes on between them.

So what do you need to join? Well, you don't need a wet suit or skis, which can be hired. You do

## You need a towel

need £5 for your subscription, a towel, and a spark of enthusiasm. The charge to IC students is £2.90 for ten minutes skiing, which is about 60% less than the going rate elsewhere. This may sound expensive but ten minutes in the water actually amounts to an entire afternoon of waterskiing. At my stage ten minutes is

## It makes your arms ache

quite enough since it is very tiring on the arms (or maybe I'm just feeble). Apart from skiing, club members can spend some time as observers in the boat (this entails keeping the driver informed of what the skier wants him to do) and it is possible that some might be trained to drive the boat. This will be more probable when the Club has its own boat, which is a plan in the pipeline as long as the money can be found.

Anyone interested in joining should contact Trevor Power in Mech Eng 1.



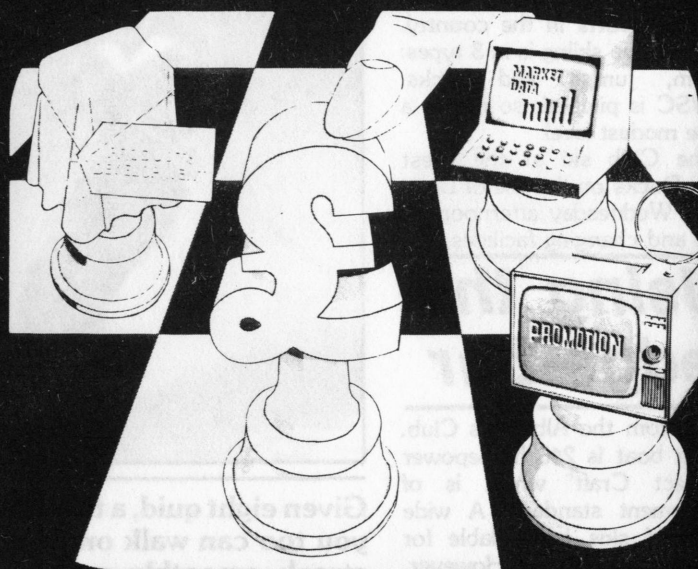
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Closing date for applications is May 23rd, 1984.



## S M A L L A D S

### FOR SALE

- **Windsurfers:** Marlin Div II race board. Hull nearly brand new, rig 12mths old, £300. Also 3m Custom, board only, £200. Contact Glen Sansom, 385 9350.
- **2 Reclining,** tilt forward, sports, car, seats with head rests, new condition, bargain at £20 the pair. Glen Sansom, 385 9350.
- **Marechal 'Scooteriste' ridge tent,** approx 3.2mx1.8m high, 10kg, £20. Learner, Rm207 Physics, int 2123 or Garden Hall int 4211.
- **Marechal 'Grand Large' frame tent** approx 4mx3mx2m inc inner-tent, canopy, extra poles and guys, £50. Learner, Rm207, Physics, Int 2123 or Garden Hall int 4211.

### ACCOMMODATION

- **Chiswick** bed and breakfast, dinner etc. Mrs M C Davies, 994 2803.
- **Accommodation for Oct 84:** flats in Fulham, S Ken and Putney for groups of 3, 4, 6, 7, 8 and 10. Also single and double beds with own cooking facilities and shared bathroom and showers. No charge over summer. Phone 385 9882.

### ANNOUNCEMENTS

- **Football team photos.** These are now ready to be collected. Please come to the Union Bar on Tuesday 15 May (lunchtime).
- **Ex-Southwell residents.** Please collect all junk left in the Quiet Room as soon as possible please. Anything not collected by 23 May will be thrown out or raffled!
- **Come to the Consoc AGM** Fri 12:45 Mech Eng 569.
- **Nominations still open** for committee positions on Con Soc Exec, Mech Eng 504, Fri 12:45pm.

● **IC Windband 1812 concert,** Tuesday 1:00pm, Queen's Lawn. Last rehearsal for this great event, 5:45pm Monday, Great Hall.

### PERSONAL

- **I am not a number,** it's just the way I walk.
- **Who was that fella** in the suit at Imber Court?
- **I Shore Ham** Glad I Went Rambling.
- **Message** From Patrick McGoohan: 'Why Did I Resign?'
- **Who's Been On The Front Page** of Pravda?
- **Blah Blah Commonstamp** Wealths, Yap Yap Etc.
- **Man Once Say** 'I Am Squashy Tomato, One Squeeze And My Nuts Explode'.
- **Bondy's hamster** closed the fire doors.
- **Pleas** in your head.
- **Do not urinate** while Dean is in the station.
- **Staaaaaaay** back you lumbering great wazzok.
- **Where is the postcard,** answers on a 6th form suite?
- **The Phantom's Trousers** are blowing in the wind.
- **Danuta** would like to thank everyone.
- **Piero**—was it worth it? love Roz.
- **Piero**—what's the matter with the rest of us?
- **205**—Thanks for making a meal of it (even if it wasn't in the park).
- **Stuart, Physics 2**—blow you a kiss for your birthday.
- **14 year olds!! Tut Tut.**
- **Q:** What's squarer than a clockwork orange? **A:** A clockwork rat! Pussycat says, mmm clockwork ratses, delicious for breakfastses.

● **Graham Brown** is buying drinks! Mech Eng 569 Fri 12:45pm.

● **Graham Brown** is going to have Jonathan Gerson's guts for garters. Come see the spectral at the Consoc AGM.

● **Anonymous small ads** will not be accepted.

● **Canoe lessons**—two in a boat—from Mr Fatty Beanfridge c/o Maths 1 letter-racks.

● **Why are all RCSU Hon Sec's** fat?

● **DP/DBMA** = 1.

● **Focus on Andrew Slater.** Position, goalkeeper. Clubs, Rayleigh, Tottenham & Silwood Park. Nickname, Clem. Favourite form of training, bopping at Smiths gigs. Most memorable moment, the hand in loose dress incident at the Lyceum.

● **Mmmm, Roz,** that was great! Let's do it again soon. Love, the Italian Stallion.

● **4 went to Eynsford** filled with joy and glee. One had some Meridew, then there were 3.

3 went to Eynsford past mud and horsehit too.

One kept falling over, then there were 2. 2 went to Eynsford in the baking sun. One lost all his Persils, then there were one.

One went to Eynsford and over lakes did leap.

But he made the mistake of not taking a break.

And ended up asleep. No one went to Eynsford, but do not shed a tear.

For it's a bloody certainty. That they'll be back next year.

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### MONEY

I graduated last summer and soon afterwards entered into the world of finance. Now I enjoy a 5-figure income. I would be delighted to train people living in the London area. Please contact Graham Duckett 01-831 7831.



# THE GAS PEOPLE WORKING FOR TOMORROW'S WORLD TODAY.



If your home uses gas — and the chances are it will, since British Gas is the largest single supplier of heat in Britain — then you are benefiting from yesterday's planning and investment in advanced technology by the gas people.

Yesterday's research anticipated the needs of today's customers, and some of the developments produced by the gas people were revolutionary.

Did you know, for instance, that the gas people helped to pioneer the technology for transporting gas across the world's oceans — gas which would otherwise be wastefully flared-off? This was done by cooling the gas into liquid form at minus 160°C and carrying it in specially designed tankers. The transportation of LNG is now a major world trade.

The gas people also saw opportunities in newly available gas-making feedstocks and developed the Catalytic Rich Gas process for making gas from oil, rather than coal. Advances like these underpinned the transformation of an ageing industry into a highly competitive and rapidly expanding modern business.

The gas people went on to exploit the natural gas which they had helped to discover around our shores. To achieve this they constructed a network of underground high pressure steel pipelines to the highest standards. A great deal of money and technical expertise were expended in devising a means of inspecting these pipelines, and a sophisticated electronic and mechanical device called an 'intelligent pig' was developed. It works inside the pipeline while the gas is still flowing.

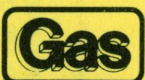
## TOMORROW'S WORLD

Yesterday, the gas people solved what would have been today's problems, and we've given you just a few examples. But you may be more interested in the work we're doing today to solve tomorrow's.

For instance, in readiness for the time when Britain's indigenous supplies of natural gas begin to decline, and nobody knows when that will be, the gas people have already developed the technology for producing substitute natural gas from coal. The results of this pioneering work are being viewed with great interest in many parts of the world. Whichever feedstock is available at a competitive price, however, the gas people intend to have the technology to produce a substitute natural gas from it.

And because gas will still be there for tomorrow's customers, the gas people are helping to develop a new generation of appliances for tomorrow's low-energy homes. They are starting to apply ways of recuperating waste heat in industrial and commercial applications by using gas engine-driven heat pumps. These reverse the normal process by which heat flows from a high temperature to a lower and so can consume less energy than they deliver! The gas people are even looking at new ways to avoid traffic congestion — by replacing underground gas pipes without the need for digging up the road!

Much more is going on besides, so if you'd like to find out about today's high-tech gas industry, write to the Public Relations Department, British Gas, Rivermill House, 152 Grosvenor Road, London SW1V 3JL.



## WONDERFUEL GAS FROM THE GAS PEOPLE - WORKING FOR TOMORROW'S WORLD TODAY



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
May 14	15 RCS AGM 1pm Concert Hall	16	17 RCS JOINT GEN COMM 6pm Lower Refec	18	19 RAG FETE	20
21 BEER AND BANGERS 5:30 170 Queensgate	22	23	24 IC AGM 1pm Concert Hall	25	26	27
28 BANK HOLIDAY	29	30	31	June 1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17 RCSU/RCSA CRICKET MATCH
18	19	20	21	22	23	24
25	26	27	28	29 END OF TERM	30	July 1

Whoopee!

30	July 1
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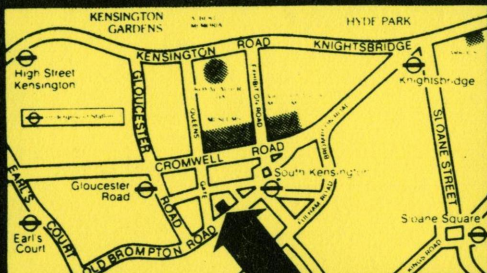
Whoopee!

*my exams at a glance*

Blank lined paper with horizontal ruling lines.



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# STA

Travel



Do you suffer from hayfever? Would you help with allergy research? We are investigating new methods of diagnosing and treating hayfever and require volunteers to help us with these studies. It will involve only 2 or 3 visits to the Brompton Hospital (Fulham Road) and any travel or other out of pocket expenses will be covered. If you would like to help, please phone the Allergy Department, Brompton Hospital on 352 8121 ext 4154/4153.

## SOUTHSIDE BAR

Friday 11th May

**DISCO**

& May Guest Beer

**FLOWERS ORIGINAL**

**50p**

# OVERSEAS STUDENTS COMMITTEE FILM FESTIVAL

## DATE

## FILM TITLE

## DIRECTOR

Wednesday 9

State of Siege  
The Immigrant (8:45)

Costas Gavras  
Charles Chaplin

Thursday 10

Memories of Underdevelopment  
Free Namibia (8:30)

Gutierrez Alea  
UN

Friday 11

And quiet rolls the dawn  
Fritz the Cat (8:15)

Mrinal Sen  
Ralph Bakshi

Monday 14

Strike  
To live in freedom (8:30)

Eisenstein  
Simon Louvish

Tuesday 15

The herd  
Themroc (8:45)

Zeki Ökten  
Claude Faraldo

**9 - 15th MAY**

**TIME 6.30**

**MECH ENG 220**

**ENTRANCE 20p**



# Anti-Apartheid: Right or Wrong?

Last term a questionnaire was distributed by the Anti-Apartheid Society on behalf of Imperial College Union in order to gauge student awareness of the effects of apartheid.

Criticisms were made of the questionnaire as being biased towards specific standpoints. In setting out the questionnaire in this way—a statement, followed by a question or questions requiring a yes or no answer—we were trying to be as informative about the situation as we understand it to be, and to provide 'food for thought'. Obviously, the condensation to a sentence of such wide issues gave a stark and challenging aspect to the sentence. The yes/no format of the answer also left no room for 'ifs' and 'buts' or the statement of any reservations one might have in having to give 'black' or 'white' (!) answers. This was seen however as a means of making the questionnaire acceptable to those who had little time or energy to produce longer answers. A 'comment' space was left at the end so that anyone who felt they would like to qualify an answer, make a point or give a point of

view could do so. In this way we could gauge the depth of interest or involvement felt by those completing the questionnaire.

We distributed about 500 questionnaires. Of these, 112 were answered, of this number, 60 people made some interesting, thoughtful and relevant points—not all in total support of our case, but many showed an understanding of the issues involved and were helpful and constructive in their comments. Only two were abusive.

We feel that, if by means of this questionnaire, we have engaged the attention of a reasonable number of students, provoked some into deeper thought about the situation and informed a few of some facts hitherto unknown to them, the questionnaire will have done its job.

A record has been kept of the answers and the comments retained as a basis for further discussion at subsequent meetings of the Anti-Apartheid Society. We would welcome to our meetings anyone who would like to put their point of view on the situation in South Africa, its record on human rights, and the

fact that apartheid, unlike the repressive practices which occur in other countries, is actually written into the Constitution of South Africa. There these issues can be discussed in a reasoned and thoughtful manner, from whatever standpoint you choose.

We cannot, as some of the comments pointed out, change anything at these meetings but we can listen to many points of view, learn from speakers with first-hand knowledge of the situation, and being better informed, some of us may one day be in the position to make changes for the better by exerting moral and political pressure, to prevent the violation of human rights.

We realise that there are many countries in the world where there is repression and torture and human rights are abused, but we, in this society are concerned with what we perceive as the specific evil of a particular abuse of human rights embodied in the Constitution of a country—apartheid as practiced in South Africa and Namibia.

*Erica Fuller*  
Chairperson, Anti-Apartheid Society

# Support Your Grant

## Parliamentary Lobby

Imperial College students will be participating in a mass lobby of Parliament next Wednesday to protest about Government plans to introduce a new system of meeting student travel costs. About 125,000 students will face a loss of income as a result of replacement of the current method of repaying the full costs by a new flat rate system, although others will receive an unexpected windfall.

The new arrangements are somewhat complex. In future students who live away from home will be paid an element of £100 in their grant to cover travel. Students who stay with their parents will be paid £160. Those currently studying on courses will also be able to claim any travel expenses in excess of £250. However, those who live in Scotland will be entitled to full reimbursement of their travel costs as previously.

Ironically, the review of the student travel awards system was originally intended to simplify administration.

Imperial College students are strongly urged to attend the Parliamentary Lobby. The Union's delegation will be meeting in the Union Office at 2:15pm, and those wishing to participate should contact the Union Office for more details. Remember—it's *your* grant!

Students may stand to suffer further hardship as a result of DHSS plans to review the payment of Supplementary Benefit to young people, and the Government has also launched an attack on the Further Education sector in its 'Training for Jobs' White Paper. Looking on the bright side, it has been announced that direct elections for the ILEA will go ahead after all, although ILEA still face severe cuts and administrative chaos as a result of local government legislation.

*Peter Burt*

1. Do you endorse the commonwealth condemnation of apartheid as a crime against humanity? 89 6 7 —
2. Are you aware that there is a call for an academic boycott of South Africa? 45 67 — —
3. Do you support such a boycott? 39 67 6 —
- Do you know that some of Imperial College's academic staff have worked and are still working on projects in SA? 73 38 1 —
- Are you aware that several South African companies recruit at Imperial College? 90 22 — —
- Would you consider a job with such a company? 70 40 2 —
4. The heads of government of the commonwealth adopted the Glenagles Agreement to boycott sporting links with SA. Would you support measures to make its implementation more effective? 47 60 5 —
- Are you aware that students from IC have toured SA to play rugby? 27 80 5 —
5. Since 1959 all representative leaders of black people in SA have called for economic sanctions against SA. Do you support the idea of economic sanctions? 60 42 10 —
- Would you support a ban on South African produce in College refectories and the Southside Shop? 51 55 6 —
6. Are you aware of the recent constitutional changes in the South African Government which allows a limited representation of the Indian & coloured communities? 70 40 2 —
- Do you feel that this move is a step in the right direction? 75 31 6 —
- Did you realise that this excludes 18m out of 25m S Africans from representation because they are black? 72 37 3 —
7. Did you realise that SA has been illegally occupying Namibia since 1966 and is therefore breaking international law? 56 46 8 2
- Do you think SA has any legitimate claim to Namibia? 9 62 31 —
- Did you realise that SA has repeatedly committed acts of aggression against neighbouring African countries Angola, Mozambique, Lesotho, Botswana)? 78 19 10 5
8. Do you know what a Bantu Homeland is? 60 48 4 —
- Are you aware that living standards in these homelands poorer than in most other African countries? 40 63 7 2
- Black South Africans must live with Pass Laws, may not live with their families. These conditions contravene the United Nations Declaration of Human Rights. Do you support this Declaration? 82 17 13 —



## Editorial

IC's sporting hero J Martin Taylor has honoured our humble sports clubs with an extended deadline for the Handbook. Mr Taylor is a man renowned for his sporting prowess, and uncontrolled wrath. So make sure you get your sports articles in pronto.

John Scott

The football team photos from last term are now ready and can be picked up from Russ and Rob in the Union, Tuesday lunch time.

## ★URGENT★

**Volleyball Club:** Could Man Lam (Aero 3), Andy Knap (Physics 2) or *anyone involved in this society* please inform Jen Hardy-Smith in the Union Office (internal phone number 3915) if the Club will be using the court on Saturday as a group would like to use it for five-a-side if Volieyball don't need it.

## Track and Field

### Track and Field ULU Championships

Despite a poor turnout for the Championships, some excellent performances were achieved by Imperial Athletics, many of whom have not completed since their schooldays. On the first day Jon Lea showed his obvious longer distance ability placing third in the 3000m (9m06s) whilst Ming Tan and Graham Harker did battle in 800m, Ming getting the better in fourth position with Graham in fifth, both clocked at 2m04s.

The second day provided Imperial with two winners, both field events athletes. Thales Kasagounis pole vaulted 3.00m to victory whilst Richard Johnson triple jumped 12.92m for gold. Mike Jones, last year's long jump champion, acquitted himself well leaping 6.35m for the silver medal as did Mark Luscombe who high jumped 1.95m for second. Graham Harker completed again (narrowly missing the bronze medal) in the 1500m, coming fourth (4m10.6s) and Jon Lea backing him up on sixth position (6m13.0s). Andy Creth finished strongly, clocking 4m43.0s. Andy Belk showed all round ability with his fifth in the javelin (41.36m) and fifth in the 2000m steeplechase (6m52.8s). Julie Fortescue, also fifth, in the ladies 1500m ran strongly against fierce opposition to be credited with 5m58.0s—a useful time if you consider that Julie is training to run her first marathon. Peter Sedders, whose best throw of 59.00m, would have easily won the Championships, suffered run up problems and finished without a legal throw. However, with his obvious ability he should have no problems making the U.2 team in future.

Many thanks for Chris Buxton (our patient chauffeur!) and if you believe you can better these times/distances/heights or are merely interested in athletics, contact Mark Lascombe via the Physics letter-racks.

## Hockey



### IC Mixed Hockey Worthing Festival

Iceicles vs: Maltesers 2-0; Colchester 1-4; Mickelton 1-0; Bicester Beasts 2-1; Petersfield 2-0; Bandbury Dita 1-1.

As the above results show the mixed hockey team had one of its more successful festivals. Since it would take rather a long time to go through all the matches, the social goings on, all the remains to be done is to thank Andy Stroomer for his efforts in organising the tour and Phillipa, John and Jane for turning out in times of crisis, and congratulate the team on its fine performances.

Team: Phil, Fi, Tim, Andy S, Andy G, Geoff, Alison W, Alison L, Zena, Simon, Dana, John, Jane.

Umpire: Chris.

## Boat



### Senior Squad

In the Head of the River Race, held at the end of last term, the College 1st eight produced the best performance of a College crew since the 1940s, coming 9th overall. The race was won by the British National Squad with the Stahans second.

The ULBC 1st VIII was eighth, only 1½ seconds ahead of the College crew.

After the race, the crew was disappointed not to beat the university crew but pleased with the overall result, beating all the top British Club crews. Since then the eight has split into fours and has already picked up the pots for Senior A coxed fours at Hackney Borough Regatta.

### Intermediate Squad

Having won the Senior B division at the Kingston Head, the Senior B eight was without Strokeman Richard Stanley for the Head of the River Race and so performed way below potential.

In the regatta season they started well at Putney Amateur Regatta winning Senior B eights by over a length, whilst the top four from the squad was within one length of top club crew Thames RC in Senior A coxless fans.

At Mortlake Regatta, the squad did not perform so well, losing in all events. The Senior A four, rowing in a coxed boat, were unlucky to lose by 3 feet.

### Womens Squad

The best performance from Mortlake Regatta was undoubtedly the Womens' Novice four.

Having raced all last session without winning at all, the four started this season well at Hammersmith, losing in the final at Novice fours, by catching a crab just before the finish. They finally got everything right at Mortlake winning all their races with style. Their next race is on Saturday at Putney Town Regatta where they will be in the higher status Senior C event for the first time. The Women's 2nd four will attempt to emulate their performance at Mortlake racing in Novice Fours.

## Table Football

Two local student footballers have won through to their Cup Finals in London.

A team of *two*—that's right; because P Akhtar and M Javed are Guinness Student Table Football Cup Champions of Queen Mary College. As such they are taking part in the national finals of the Guinness Student Table Football Championship at London University on Sunday 13 May.

At the national finals they will be twisting the handles on the table football tables against the champions of thirty four other universities, polytechnics and colleges.

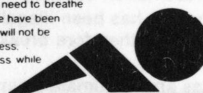
There they could win another trip to another Cup Final—the FA Cup Final as well as the coveted title.

And if they win they could have the chance to beat a Guinness sponsored QPR—represented by two players—in a challenge match.

For further information please contact: Chris Lewis, Granard Communications, tel 01-930 6711.

## Overbreathing is DANGEROUS

Most swimmers know that taking a lot of deep breaths will enable them to swim further underwater. Some do not know, however, that this is a potentially fatal practice. By taking a lot of deep breaths one blows off carbon dioxide from the blood stream. It is carbon dioxide which makes one feel the need to breathe while holding one's breath. If normal levels of carbon dioxide have been reduced beforehand, by overbreathing, the need to breathe will not be experienced. Instead oxygen lack will lead to unconsciousness. OFTEN WITHOUT ANY WARNING AT ALL. Unconsciousness while swimming underwater is likely to be fatal.



PS If you insist on ignoring this medical advice, then please ask someone to watch you and fish you out if you suddenly stop swimming at the bottom of the pool. Prompt action by your minder might just still save your life.

## YOU HAVE BEEN WARNED

Dr Raanan Gilon



## Dramsoc

Dramsoc is going on tour to Edinburgh again! After the successes of last year (packed houses and excellent reviews) we are touring again under the name 'Beit Theatre'. There are going to be three—perhaps four—shows being performed. They are *The Gambler* based on the novel of the same name by Dostoyevsky, *Poe* written by Graham Brand and a specially written children's show called *Piggies in the Middle*. The first two shows will run on alternate nights from 10 August to 25 August with the kid's show running from 27 August to 1 September.

The auditions for all these shows will be this Sunday 13 May at 2:00pm (meet in Dramsoc Store, up past the IC Union Office). If you cannot make Sunday they will also be held on Tuesday 15 May at 7:00pm (again, meet in the Storeroom). These auditions are open to anyone interested. If you are at all interested in acting, or other technical matters, then Edinburgh provides an excellent opportunity to perform alongside professional groups—and often do better than them. The rehearsals take place in London after the exams for about six weeks then everyone moves up to Edinburgh. We will be living in Edinburgh University rooms. You can act in any one or more of

the shows but if you can only spare a week in Edinburgh then *Piggies in the Middle* is the appropriate show to audition for.

All of the shows are promising. Two adaptations of books won Fringe Firsts last year and, after Cambridge Footlights, children's shows are the first to sell out. Also the themes of the play *Poe* should prove to be popular with the Edinburgh audience. If you have any questions or doubts, come along on Sunday or Tuesday and have a chat. You may well find things more flexible than you imagined.

On the technical side, there is still room for people, experienced or otherwise, for lighting, sound and stage management. The week 'zero' (4-10 August) is when the theatre has to be set up since Dramsoc, under the title 'Theatre West End', is running the venue at the end of Princes Street, the main shopping street. If you are interested in some of the organisational work involved then come up on Sunday and we'll tell you what is involved.

Whether acting or working behind the scenes, the Edinburgh Tour is an opportunity not to be missed for anyone interested in drama. Seeing shows, acting in shows and working on shows before an appreciative audience, and the press, is definitely '...a rarity'.

## ICSO

The concert on Wednesday 16 May at 8:00pm in the Great Hall promises to be the most popular, most erotic musical event of the year at Imperial. In an attempt to entice even the least musically minded, we're playing Finlandia by Sibelius, Beethoven's 5th Symphony, Rhapsody in Blue by Gershwin and lastly, the

undoubted 'climax' of the evening, Ravel's Bolero (of Bo Derek fame). Can Chris Brannick, Nightline Chairman, finally prove his claims of being able to keep it up throughout the piece? Will (Dickie) Bow Dickens 'interruptus' and make us start again? At 80p, there can't be a cheaper alternative to a Mines Porn night.

## Rag Fete

The Rag Committee desperately need clubs, societies or group of individuals to hold stalls at the Rag Fete next Saturday. Anyone interested should see Sean Davis or James Benbow

## Whats On

### sunday

**1400h** Meet Dramsoc Storeroom  
**Auditions** for 1984 tour to Edinburgh Fringe. With three ICDS shows going up there are parts open to ANYONE interested. Come along and have a chat if you are in any doubt any time, commitments. This is an opportunity not to be missed.

### monday

**1245h** Above Southside Bar  
**Waterski Club** meeting. Sign up for Wednesday's trip.

**1745h** Great Hall  
**IC Windband** final rehearsal for Tuesday's Concert.

### tuesday

**1900h** Dramsoc Storeroom  
**Final auditions** for anyone who couldn't make Sunday.

**1230h**

**Socialist Society** film show 'Mr Freedom', William Klein's futuristic pop extravaganza is a savagely satirical comic strip on the American way of life that is really a way of death.

**1300h**

**IC Windband** 1812 Concert. Free. An event not to be missed.

### wednesday

**1415h** Union Office  
**Parliamentary lobby** to protest against plans to change the system for repaying student travel awards. Organised by External Affairs Committee. Lobby starts at 3:30pm, House of Commons. Please look smart.

**2000h** Great Hall  
**IC Symphony Orchestra** concert: Sibelius: Finlandia; Beethoven: Symphony No 5; Gershwin: Rhapsody in Blue; Ravel: Bolero. 80p students; £1 others.

### thursday

**1300h** Union SCR  
**SCAB meeting.** Joint SCAB meeting for all current and incoming chairmen and treasurers.

## IMPERIAL COLLEGE SYMPHONY ORCHESTRA

Conductor: Richard Dickens  
Soloist: Sally Mays

### Sibelius FINLANDIA

### Beethoven SYMPHONY No. 5

### Gershwin RHAPSODY IN BLUE

### Ravel BOLERO

Tickets available from:  
Orchestra members  
Haldane library  
The door

**Great Hall**  
**Wednesday 16th May 8pm**  
**Admission £1 (Students 80p)**





## Storm in a Pewter Pot?

The fuss over the AP Editor's pot may seem to many to be a storm in a teacup. However the issue is not about a pewter tankard, but about the Executive Committee riding roughshod over the views of other, less illustrious, students involved in the Union. The awarding of pots for established posts is a tradition peculiar to this Union. The pot is not given to the person holding the post to take away, but stays behind the Union Bar for the use of holders of the post, past and present. It is a small way for the Union to recognise a valuable contribution to its running. It is not as if obtaining the pot would be very expensive, or difficult. All that would be required would be for the Exec to take one of the many pewter pots out of a cupboard in the Union Office and take it downstairs to the Union Bar. One can see how petty and thoughtless the Exec's decision not to award the pot is. It seems the effort and hard work (quite often into the early hours of the morning) of an 'ordinary student' counts for very little in the minds of these high flying sabbaticals and CCU Presidents.

This action merely serves to highlight how lofty and unrepresentative the Executive Committee can be. The committee consists of the three sabbatical officers and the CCU Presidents. Their brief is solely to take decisions concerning the day to day running of the Union or to take immediate decisions in the event of any emergencies. In practice however a lot of very important decisions concerning the running of the Union are taken at this committee. This state of affairs was fine in the days when IC Union was merely a coalition of three CCUs. However since then IC Union has grown, become more diverse and sophisticated. It has over a hundred clubs and societies of which the majority of students are a member, yet none of the athletics clubs, social clubs, recreational clubs or cultural groups are represented on the Executive Committee.

## Bye Bye Mooney

Sherry glasses will be running over today in the Union Office after the taking over of the Union Refectory and, for a change, the celebrations are quite justified. Well done to Gaynor Lewis and Christine Teller. However, amidst the celebrations a word of caution may be in order.

College have wanted to close the Union Refectory for some time. The outlet has been the source of numerous complaints and has lost a great deal of money in recent years. Although it is difficult to put an exact figure on the size of the loss because of the confused refectory accounting system it is probably over £7,500 per annum. The Union's takeover proposals must have seemed like a God-send to College. One would hope the outlet does not become an expensive millstone around the Union's neck next year. Nevertheless with a little drive and imagination there is no reason why the refectory should not be successful and serve as an example to Mr Mooney of how a refectory should be run.

## Travel Awards

If your annual travel expenses are under £250 you could find yourself £150 out of pocket if Sir Keith Joseph's proposed travel awards go through. There is an article about travel awards by Peter Burt on page 11. If you can tear yourselves away from your revision for a few hours then do participate in the lobby of Parliament on Wednesday. The Union's delegation will be meeting in the Union Office at 2:15.

## Credits

Pete Hobbs, Nigel Atkinson, Tony Atkins, John Jones, Lynne James, Diane Love, John Scott, Ulysess, J Martin Taylor, Dave Rowe, Hugh Southey, Peter Rodgers, Maz and Pete.

**Pallab Ghosh**



# ULYSSES

This puzzle was given to me by Neil Thornton of Maths 1

$$\begin{array}{r} \text{ } \times \times 8 \times \times \\ \times \times \times \sqrt{\times \times \times \times \times \times \times \times} \\ \times \times \times \\ \times \times \times \times \\ \times \times \times \\ \times \times \times \times \\ \times \times \times \times \end{array}$$

Find the missing digits.  
Good luck, everyone.

Solutions, comments and criticisms to me at the FELIX Office by 1:00pm on Wednesday please. £5 cheque courtesy of Mend-a-Bike for the randomly selected winner.

## Last Week's Solution

The third guess cannot have three or four correct as that would mean that the second guess is completely wrong, so the third guess must have two correct pairings, the second has one correct, and the first has none. By working through the possibilities of which two in the third guess are right, you should find that the oboe and cello is the only pairing that works.

So the answer is:

John plays the oboe.

Katy plays the cello.

Louise plays the violin.

Mike plays the trombone.

and Nigel plays the clarinet.

Of 17 correct solutions, M Begley of Maths 3 was the randomly selected winner, and can pick up the £5 cheque on Tuesday.

## Cryptarithmic

A=8; B=1; C=4; D=2; E=0; F=3; G=5; H=9; J=6; K=7.

Fifteen correct solutions, the winner was Tony Rawlings, an Elec Eng PG.

## Words

1. Orange has no rhyme.
2. Strength has eight letters and only one vowel.
3. Rhythm has no vowel.
4. Syzygy has six letters of which three are y's.
5. Bookkeeper has three consecutive double letters.
6. Facetious is the shortest word with all five vowels in alphabetical order.

One person has contacted me saying that he is interested in the puzzles editorship next year. I would be grateful if he would contribute one or two puzzles this term (and that goes for anyone else who might be interested).



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