

World exclusive

The Yanks Are Coming

Academic staff at Imperial College are concerned that the classification of research work by American officials in connection with SDI will jeopardise important civil projects. It is believed that research work carried out at Imperial and a number of other British universities will soon be placed under American scrutiny. Research with potential military applications is expected to be placed on the U.S Military Critical Technologies List (MCTL) with subsequent restrictions in the use and publication of its findings.

The academics are worried that the Memorandum of Understanding signed by the then Secretary of State for Defence Michael Heseltine and American Defence Secretary Caspar Weinberger allows the Americans to classify British research.

The Pentagon have initiated a study by Mr Paul Hopley, the Chief Technology Analyst at the Department of Defence, who is responsible for the MCTL's annual updating. Mr Hopley has described the study as 'a general programme looking into foreign capability in very advanced technologies'. The study will produce an interim report in April followed by a full report on NATO members and Japan. The possible extension of the US Export Administration Act, which restricts exportation of sensitive technologies through the Coordinating Committee of Multilateral Export Control (COCOM) is now being considered in Congress. The implication is that research work may be added to the MCTL along with sensitive products. It is believed that preventing technologies which may have a future military application from appearing on the market is more effective than restricting exports.

Sources have revealed that representatives from BK Dynamics and the Institute For Defence Analysis will arrive at the American Embassy sometime next week to examine a list of companies and academics working on research with potential military applications. It is believed that Imperial College is one of the

institutions to appear on the list.

Speaking in the Commons on Wednesday Norman Lamont MP said that 'United States authorities do not require the British government's approval before approaching British academic groups'

Chris Moss, the secretary of the Computing and Social Responsibility group at IC told FELIX that he hoped 'people will tell the companies a minimum amount' should the visit take place. Professor Kowalski of the Computing Department felt that the companies would not exert direct pressure on people in the department in order to ensure that research work is kept classified. He hinted that indirect pressure may be applied when he said 'the MOD could become a more aggressive member of Alvey'.

Richard Ennals resigned his post at IC in order to outline the possible dangers which could follow the signing of the Memorandum of Understanding. He feels that the British government has been 'hoodwinked' and were unaware of these dangers. He also believes that SDI may be more offensive than defensive. He cited General Abrahamson head of the SDI office in Washington, who stated that SDI was 'a shield to protect US missiles'. He added that it would be easier to use the SDI

technology to destroy cities rather than to destroy moving missiles. 'If classification were to go ahead, British civil programmes would not have access to the technology they require', he said. He feels that the Government will 'seek to extricate itself from this stupid arrangement as the implications become clearer. I am prepared to take the matter to the American Supreme Court without "due process of law"'.

A spokesman from the American Embassy in London confirmed that General Abrahamson did indeed say that SDI would shield American missiles. He pointed out that this was only part of the story and had to be viewed in the light of SDI's main objective to make ICBMs redundant. He added that he didn't think laser weapons would be sufficiently powerful to destroy cities. When questioned about the possible classification of British research work he confirmed that IDA will be sending a team over to 'identify technologies which will have future military applications'. He went on to say 'the same protection that the US places on its research will be placed on British research'. Although he felt that the United States had no legal right to tell the UK to classify research, 'the US government in cooperation with the British government could classify research'.



Orchestra rehearsing for tonight's concert of Mahler. (See the article on page 7).

FELIX
The Newspaper of
Imperial College Union



FELIX

Over the last few weeks FELIX has received a large number of letters and opinion articles. FELIX is always really keen to receive letters. A student newspaper relies on input from students if it is to be fresh and interesting. There has been a certain amount of debate within the FELIX Office and outside the Office on what FELIX's policy on letters etc should be. As far as I'm concerned, I try to print any opinion that is received before 1.30pm on Monday. I can't always manage this because of space. I am prepared to withhold names if people request me to.

Sabbatical Elections

There is still time to stand in the sabbatical elections. The pay is pretty bad but you don't have to go to lectures or live on the dole. If you want to stand, go and see any of the sabbaticals today.

Next week you will be bombarded by publicity from the various sabbatical candidates. Try to read all the leaflets and read all the speeches. The sabbaticals control your money and represent you to College, so try to find who is the best person for the job.

Money For Nothing

You can earn £2 an hour by sitting next to a ballot box during the sabbatical elections. Contact Jen in the Union Office for details.

Manifestos

Manifestos must be submitted to the FELIX Office by 1pm Monday. They must be



less than 300 words long. They should be accompanied by a photograph.

Credits

Thanks to Paul Walton, Bill Goodwin, Richard Smith, Jane Spiegel, Kamala Sen, Sunny Bains, J Martin Taylor, Sarah Kirk, Tony Churchill, Rosemary Hosking, Jim Clayden, Simon Katalungu, Mark Cottle, Chris Edwards, Dave Jones, Pete Hobbis, Nige Atkinson, Judith Hackney, Pete Wilson, Gren Manuel and everyone else who knows me.

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LETTERS

Moore Bar Moans

Dear Sir,
I don't recall the original incident which saw the departure of Doug and Brian from the Union Bar. With the benefit of hindsight, I expect that it was a most trivial mishap which has now culminated in the most usual and unacceptable state of affairs which the bar now finds itself in.

I refer to the recent declaration by the current Bar Manager, Mr Lyttle, of his intention to dictate to his customers the manners in which the Bar should be used, made manifest by a notice above the mantelpiece in the said Bar. Essentially, the word and spirit of the notice seeks to prohibit the merry making practiced by some of the more high-spirited organisations within Imperial College. This is a bad thing.

The first two years of my College life were enhanced by the weekly enjoyment of convivial company in the

Union Bar after a game of Rugby. As such, this made a valued contribution to my varied and fulfilling social life at College. Is this to be denied to future students at Imperial College?

Since Mr Lyttle obviously has no consideration for his customers, and total disregard for his position as a purveyor of service, perhaps he would care to take some business advice from a customer: I'd much prefer to do my quiet drinking in the charming surroundings of Southside Bar, and if the objective is to smarten up appearances I also have a suggestion as to where a start could be made.

Yours,
Malcolm Gray
Elec Eng

Disreputable NUS

Dear Hugh,
In reply to Pete Hobbis', letter (FELIX 731) I would like to pass on some realities of the organisation that KQC students have just affiliated to.

The National Union of Students is a disreputable organisation of students, present only because it is a 'closed shop' for all universities and colleges who are affiliated. It spends the vast majority of its over a million pounds on an annual conference and administration. This means that the British taxpayer spends nearly a million pounds on supporting an organisation which encourages policies of 'no platform', denying free speech, and donations from everything like the 1983 NGA dispute and the 1984-5 miners' strike to conferences on paedophilia and transvestites.

If you want another account of the NUS in action, read the account of the NUS conference given by none other than J Martin Taylor, in last year's FELIX. This conference results in no positive gain, and costs about half of the total NUS budget. Indeed, the NUS is presently around half a million pounds in debt, so you can see why they might look with a gleam in their eyes at Imperial College Union which runs many expensive and effective clubs and societies on a scale not seen elsewhere. Bear in mind, also, that when Edinburgh University left the NUS in a span of a few years they saved two

hundred thousand pounds, and built a restaurant and bars and more with the money. Is this not of better benefit to students than a 'national representation' of students, with no government of any colour has ever acted on NUS policy!

If the NUS were somehow miraculously to become voluntary, you might than see some reality creeping in as no-one would join the present organisation if they had to pay! If the NUS is so good, why is it compulsory?

Yours,
Dave Burbage
Vice Chairman IC Consoc

Computer MScs Are OK

Dear Sir,

To put an end to a somewhat ridiculous row, I would like to correct a few inaccuracies included in a letter, two weeks ago, from a 3rd year computing UG, who felt compelled to complain about the behaviour of a certain PG student during Artificial Intelligence lectures.

Firstly, the AI lectures are attended by 3rd year Computing UG's, Computing MSc's on the conversion course and students on a robotics course. It so happens that the offender mentioned in the letter belongs to the robotics course, because if the 3rd years do not recognise him as one of theirs, neither do we.

Secondly, although the obnoxious behaviour is indeed resented by all but the offender himself, it is felt that the generalisation that 'provincial' universities are inferior to IC is far-stretched; Edinburgh University, for one, has an AI department as reputable as, if not more than, IC's.

Thirdly, some 3rd years may think little of the MSc conversion course; to restore the reputation, may I point out that the only student to correctly answer a challenge in AI posed by Professor Kowalski was a student on the MSc conversion course.

Finally, we are supposedly a free country, so why not have the courage of your convictions and allow your name to be printed?
Yours faithfully,
H Guilleme
Course rep
Conversion MSc Computing Student

Insecure Beit

Dear Sir,
 Whilst I sympathise with Southside Security problems, it is nothing compared with those of Beit Hall. Most of the halls have doors which are closed early in the evenings if not all day, whereas the doors to Beit are only closed at Midnight. The doors are not properly self-locking either, so that they may remain open at any time of the day or night. Also, being in the Union building, Beit is the centre of a large throughput of people. In addition, Hall facilities seem to be let out to outsiders eg during the Hyde Park Relays and National Brass Band Championships **without** the residents being informed. It is not fun to wake up on a Saturday morning to find the already inadequate showers used by total strangers, and like last year, the male and female conveniences had been temporarily swapped over. All this leads to a very unsecure Hall, and this is shown by the state of the TV Lounge in the mornings, the thefts of the newspapers, and as recently, a minor fire in one of the kitchens. The Security guards in Beit do a marvellous job, but it appears that the rules for Beit are different. Why? The problem could easily be solved by the installation of 3 proper locks and three entry phones as with the other halls and homes.
Yours sincerely,
 Tony Spencer
 Ex-Beit Hall Resident

Forget The Ratio

Sir,
 I am sick and tired of certain members of the college who insist on bringing to light the ratio of sexes at IC.
 First it was FELIX with its 'Questionnaire', and now the Women's Officer, Christine Taig has brought up the subject. It seems to me that the more this topic is raised, the more self-conscious women will become, and also the sexual divide will increase.
 To be honest I do not notice the lack of women in my year, where I admit the ratio of 1 in 4 is above average, but I am not

intimidated by the ratio socially either, despite having been brought up in a totally female environment, and I couldn't care less if I was the only woman in the Union Bar on a Mine's Bar Night.

As for the idea of positive discrimination to get more women into the College. If anything would serve to lower women's credibility in Science and Technology in general, and Imperial College in particular, it would be a situation where men could turn round to women and say 'You're only here because you are female'.

Perhaps my view is not representative of the general feeling among women in the College, but I cannot believe I am the only one to think this way.
Yours equally and anti-discriminatorily(!)
 Penny Ottway
 Chemistry 1

FELIX Error 1

Dear FELIX,
 Thank you for printing our opinion article about Barclays in last weeks FELIX. There was however a printing error. It should have read that 77% of all urban black South Africans interviewed in the Gallup poll supported international sanctions against South Africa, as do black church leaders and opposition politicians.

Barclays' involvement in South Africa and Namibia cannot be overstated and SWAPO have said that 'the withdrawal of Barclays from our country and the cessation of its activities in South Africa would hasten the achievement of peace and justice in Namibia and Southern African as a whole'.

Because the majority of people tend to remain with their first bank, students have always been of vital importance to the banks. Many organisations of all kinds and countless individuals have withdrawn their accounts from Barclays. Since 1980 the Bank has lost accounts with a total annual turnover of over £6 billion due to the boycott. Hopefully Barclays will realise that they are prospering in Southern Africa at the expense of their UK interests.

Please come to the UGM on 6 March and support the motion against Barclays

advertising in ICU publications.
 Thank you,
 Hugh Rubin
 Mech Eng 2

FELIX Error 2

Dear Sir,
 I know how the Bishop of Durham feels to be quoted out of context in the press. To avoid excommunication or possible lightning strikes on the Queens Tower for apparently stating that Jesus was a 'good moralist and preacher but would have been regarded as a lunatic if he made his claims today'. I would like to state briefly the main points of the talk last week to clear up any possibly confusion.

Firstly, Jesus a person worth looking at because of the major effect his three years of public ministry has had on world history.

Secondly, many people think of him as being a great moral teacher without really knowing much about what he taught. Many tend to forget the claims he made about himself to be the Messiah, Saviour, one

who embodied and demonstrated God to the world, who forgave sin and showed the way to a new and full life in relationship with God. It is those claims that are the foundation of Christian belief.

These claims do not give room for saying that Jesus was just a good moral teacher, that option is not really left open for us. He was either completely crazy; completely bad, or lying to people or he was who he claimed to be.

I have, myself, become convinced of the latter through looking at the evidence and through personal experience of God in my life.

It is for everyone to make up their own mind on this area. If the claims of Jesus are true, then the decision as to whether we accept them or not becomes vitally important. If they are not, then the whole of Christianity should be relegated to just being an interesting piece of history. Either way, what responsibly person rejects something out of hand without giving it some personal thought and practical investigation.

Yours sincerely,
 Roger Preece

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Public School Snot Attacked

Dear Hugh,
I must admit to feeling slightly sick while reading the 'opinions' of the anonymous Physics undergraduate in your letters page last week.

That this self-styled pillar of College Society should be misguided enough to think that 'the 'old boys' are the only ones that really do know how things should be done' is unfortunate, but that he should be sufficiently self-opinionated and vain to state his prejudices in print is unforgivable.

As one who has had the supposed benefit of a public school education I find it hard to understand how anyone can believe that the mere fact of having affluent parents enables one to claim any kind of social superiority per se.

Perhaps this enlightened correspondent should further examine his claim not to be a snot, as at the very least do us all a favour by keeping quiet about his petty little problems in the future.

*Yours sincerely,
Charles Troup
Peter Drummond-Smith*

FELIX Error 3

Dear Mr Southey,

We write in response to the article, printed in last week's FELIX, under the heading of S&G.

May we take the opportunity to dispel a few mis-conceptions which may have arisen from this article, printed anonymously as club publicity without the knowledge of the committee.

Firstly, the S&G committee exists for a variety of purposes, but their task is definitely not to organise routes for all and sundry. Members on weekends are assumed to be old enough to decide for themselves what they wish to attempt, and are only discouraged from acting on their decision, when to do so would involve unsafe actions (such as walking alone in winter conditions).

The writer's attitude is totally unrepresentative of the majority of S&G

members. Fortunately for the club many of our more experienced members are willing to tread familiar paths in order to introduce beginners to the delight of Tryfan, the Glyders, the Snowdon Horseshoe etc. Also, there are many ways up a mountain, not just the most popular routes—several groups were ice-climbing on Snowdon on the weekend in question.

To dispel any fears, S&G don't walk about in twelves. Three totally independent groups headed up Tryfan that day, and two decided to turn back in the face of deteriorating conditions.

As for exploring, within the last year or so, the club has organised weekends to Snowdonia, the Lakes, Yorkshire, Derbyshire, the Mendips, Cornwall, the Gower and Pembrokeshire as well as week-long trips to Glencoe, Ireland and the Lake District. During the summer there were two club tours to the Polish/Czech Tatras and the Italian Alps. This Easter, we will be visiting Skye, and the summer tour this year is to the Pyrenees. Hardly limiting in outlook...

The activities available on these trips include winter and rock climbing, caving, scrambling and walking according to the interests of those present and the area visited.

As with all these things, when the opportunity is there it's up to you to make of it what you will.

*Yours,
S&G Committee 1985-86*

Apathy Rules

Dear Sir,

A week and half ago I went on a fascinating trip to Rolls Royce Engines, organised by the Industrial Society. We travelled in the comfort of a British Rail train, and a van was waiting at Coventry station to transfer us to the plant...and the whole trip was absolutely free! And yet, only seven students took advantage of this amazing opportunity.

What the hell is the matter with us? We will never have these opportunities again, so why do we not use the facilities available to us? On arrival at the plant, our guide asked how many of us were from Mech Eng. The answer...NOT ONE! What is your problem? You are the people who will be working

in this sort of company, so shouldn't you be finding out what these places get up to?

Please do not take this attack personally. It is directed at the general attitude (ie apathetic) of most of us students at IC. I propose that a new club should be started; namely the Apathetic Society. Everyone will automatically be a member unless they sign up not to be. I feel confident that such a society would not lose a single member.

*Actively yours,
Michael Van Messel
Physics 2*

Moonies Respond

Dear Hugh,

I read Alastair Macleod's letter in last week's FELIX with some irritation. It was admittedly a masterly feat of journalism, skilfully using innuendo all the way through to cast aspersions both on the academic credibility of Dr Barker in her study of the Unification Church, and on the integrity of the Unification movement as a whole. But also masterly was the way in which he omitted most of the relevant facts surrounding Dr Barker's study—and invented a few of his own—in the process. Therefore, lets me attempt to set the record straight.

1) Documentary Evidence

Mr Macleod suggests that the arguments put forward by Mr Balcomb in defence of CARP were supported only by Dr Barker's one study. In fact Mr Balcomb's letter was submitted to FELIX with a large quantity of supporting documentary evidence. In any case, other studies refuting the 'brainwashing' hypothesis were alluded to in that letter, a fact ignored by Mr Macleod. Among the leading sociologists who reject this hypothesis are Professor J H Fichter, SJ and Dr Bryan Wilson (All Souls College, Oxford) who is probably the leading authority in this country on the study of new religious movements.

2) Dr Barker was 'chosen' by the Unification Church

Mr Macleod also states that 'Dr Barber (sic) was 'chosen' by the Unification Church to conduct her studys (sic)'. If, by his use of quotation marks, he means to suggest that the Church agreed to co-operate with the study,

then his claim is correct. However, he goes on to suggest that this 'choosing' might in some way have prejudiced the results of the study. It should be noted in this regard that the study won Dr Barker a doctorate and the 1985 Distinguishing Book Award of the Society for the Scientific Study of Religion, the latter being the most prestigious international award for books on religion. Dr Barker's work was particularly noted for her inscrutable methodology and objectivity. Mr Macleod appears to concede this when he states that she 'quite rightly draws conclusions only as far as the volume of evidence permits.'

3) Evidence of 'Brainwashing'

On the subject of 'brainwashing', Mr Macleod's comments in his letter leave one with the impression that Dr Barker's conclusions on this subject are ambivalent: that members say that it doesn't happen and 'leavers' say that it does. Dr Barker in fact found that, out of 1,000 attendees at a Unification 2-day seminar, only 'a few' made any suggestion in the direction of undue persuasion. Of the four strongest statements made (Barker at PP 159-160), none even use the term 'brainwashing'. Elsewhere in her book, however, she gives her own opinion: that use of the term to describe conversion into the Unification Church is totally unjustified;

4) 'Political activities of the UC' and 'Divine Deception'

Mr Macleod also alludes mysteriously to 'political activities' supposedly undertaken by the Unification Church. I cannot see that there is anything unusual in a church involving itself politically. In fact, I would find it hard to think of a church which did not. He further alludes to a 'unification concept of 'Divine Deception'. In over seven years of membership in the Unification Church, I have never heard this term used.

In conclusion, I can only repeat Mr Balcomb's plea for all IC students to find out for themselves the truth about CARP and the Reverend Moon, and not to trust the jaundiced opinions of such as Mr Macleod.
*Yours sincerely,
Dr Colin Turfus
CARP*



Winner Drawn

The 1986 IC Union Survey draw took place last Friday. Rosemary Hosking, FELIX receptionist, drew Simon Singh Physics 2 and M Holyoak Life Sciences 1 who won IC Sweatshirts. Eight other lucky students won runners up prizes.

The results of the survey are now being compiled. Survey organiser Gren Manuel commented 'The response was very good and my thanks go to everyone who replied.'

Correction

Dave Brennan, a former student of the Life Sciences Department, had not been banned from College as stated in last week's FELIX 732. He has been banned from the Union. College has not taken any disciplinary action yet.

The article, headlined 'Banned' did **not** refer to Dave Brennan, Physics 1. FELIX would like to apologise for any inconvenience which may have been caused by the ambiguity.

Hunger Project

Representatives from the Hunger Project will be setting up a stall on Monday lunchtimes in Beit Quad. The organisation, a registered charity, aims to inform the public of the hunger problem in underdeveloped countries. 'We hope to see an infant mortality of less than fifty in every country by the end of the century' said a spokesman for the organisation.

Guilds Election

Adrian Johnson is the only candidate for President of Guilds at the time of writing. Papers will remain up until 5.30pm on Monday. Guilds President Roger Preece encouraged people to consider running for one of the Guilds executive posts.

Harlington Fears

Hockey club and cricket club are worried about the plans for the extraction of gravel from the Harlington sports ground. They are worried that the groundsmen will have insufficient time to prepare pitches. Hockey and cricket pitches take two years to prepare. Athletics Ground Committee is meeting club captains on March 10 to discuss the needs of the clubs. IC Union President Carl Burgess said that at present the plans meant that the number of pitches would be maintained but the quality could not be guaranteed.

Sainsbury's Under Siege

Students from Imperial College's Anti-Apartheid Society mounted a picket outside Sainsbury's in Cromwell Road on Saturday. They handed leaflets to shoppers, urging them to put pressure on Sainsbury's to stop stocking South African fruit and other goods.

Sainsbury's were among the first major chains to respond to the Anti-apartheid movements campaign against South African goods, saying that they would make sure such goods were clearly labelled, and seek alternative sources of supply. Since then, several major retailers—British Home Stores, Littlewoods, Asda and Harris Queensway—have announced that they will no longer stock South African goods. (In addition, the Co-op have had such a policy for sometime). The

leafleting campaign aims to press Sainsbury's to join them. The picket is to be repeated: this Saturday it will be at the North End Road store, and next week, back at Cromwell Road.

Hustings UGM

RCS Hustings UGM took place in the Union Dining Hall on Tuesday. All the candidates for President, Deputy President, Honorary Secretary and Honorary Junior Treasurer and their proposers gave short election speeches. The candidates for President are Guy Perry, Simon Singh and Teresa Sykes. Voting takes place on Monday in all RCS departments.

A Run In The Park

Last weekend the 38th Annual Hyde Park Relay was hosted by the IC Cross Country Club. The event is rapidly becoming recognised as one of the top student names in the country and in Europe and this year's entry consisted of well over 100 starters from the UK, France, Holland, West Germany, Belgium and Sweden.

This year the mens race was dominated by Birmingham University who lead virtually from start to finish over the 18 mile course (6 legs of three miles each) to win in a time of 83 mins 44s. Loughborough University who have monopolised the race in recent years were well beaten into second place, a minute behind Birmingham. The London University Team finished in fifth place overall with Mark Scrutton from St Thomas's Hospital turning in the fastest lap of the day in 13 mins 22s. Bryan Gamblin representing IC in the ULU team clocked a time of 14

mins 24s on the first leg and followed this with a time of 14 mins 48s for Imperial College on their last lap. IC came 23rd overall, their highest position for several years.

In the womens race Loughborough University again proved to be unbeatable over the 8 mile course (4 legs of two miles each) beating the course record in a time of 45 mins 55s. They were helped by Sonia Vinall who broke the womens lap record with a time of 10 mins 47 secs. Loughborough were followed by Birmingham University, who also broke the old course record, and London University. IC finished well down the field in a time of 61 min 44.

Mike Jones, organiser of the relay has extended his thanks to all the organisers of the race. In particular he mentioned John Parks who dealt with the entries, 'Brian Gamblin in the Parks, Kevin with the teas, all the teams and the marshalls.'

Relative relatives

I was recently visiting my rather odd friends the Groper family, who also had some relatives staying at the time. There were six of us at lunch that day, including me, and I decided to ask how they were related to each other (thankfully I am not related to any of them). Since they knew I enjoyed logic puzzles they made a rather feeble attempt to stump me. The following statements were made by different people:

Humphrey is my father's brother. Claudia is my mother-in-law. Ignatious is my son-in-law's brother. Henrietta is my brother's wife.

I worked it out instantly, of course, but it later occurred to me that, even if I hadn't known the family, it would still have been possible to work out how

MEGABRAIN

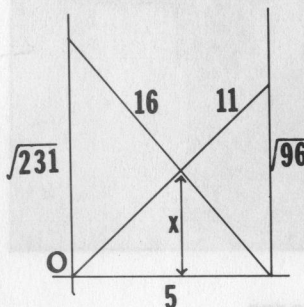
they were related from these four statements, as long as I had known that every person referred to in the statements was one of the five (ie in the first statement 'my father' was one of the five, as well as 'my father's brother').

So can you tell me who made each statement, and how the five others at lunch were all related?

Since permutation problems seem to be popular, I thought I'd set this one which I found quite difficult. I'll be interested to see how many correct answer I get. As usual, there will be a £5 prize for a randomly picked correct entry handed in before 1.00pm Tuesday.

Ladders-Solution

The problem, essentially, was to work out the distance X in the diagram below.



I was inundated with trigonometry: sine rules similar triangles etc.

Although this will eventually give the correct answer, there is a neater way of doing it. Consider writing the two sloped lines in the form $y=mx+c$ with O as the origin. The point at which they meet is simply the solution of these two simultaneous equations, and the answer, after two lines of algebra is

$$\frac{\sqrt{231} \sqrt{96}}{\sqrt{231} + \sqrt{96}}$$

which is about 5 feet 11½ inches. So Mobius can just get under, assuming, as a couple of people noted, that he has a triangular head!

The winner was Neil Harvey of Maths 3

You can collect your money after 1.00pm Monday.

Small Ads

ANNOUNCEMENTS

- **Linstead Hall Basement** The basement of Linstead Hall will be cleared out during the SECOND week of MARCH. Would all persons with belongings in the basement who do not live in Linstead Hall or Southside please remove all items by 7 March. Could all Linstead and Southside residents with belongings in the basement please make sure that everything of theirs is clearly labelled with their name, residence and date. All items must be either removed or labelled by Friday, 7 March, failure to do so will result in them being thrown away or given to Rag Fête for sale.
- **Students required for cleaning work** in Linstead and Southside Halls during the Easter vacation. Dates required: 24th to 26th March 1986 and either 2nd to 18th April 1986 or 4th to 18 April 1986. (This last set of dates to be confirmed at a later date). Hours required 9.00 to 1300. Rates of pay £1.80 per hour. Bonus payable. For further details please contact Christine O'Sullivan Conference Office, Sheffield Building (on Corridor next to Nat West Bank).
- **Rag Fete** still more stalls needed for this event. Clubs and societies, please contact Man Tai Tseung IC Union Office about what you can do to help. Come to the Rag Meeting today if you can.
- **The IC day nursery** will be holding a jumble sale on the 14th March. If you have any unwanted toys, books, stamps, clothes etc that you planned to get rid, please take them to the Nursery or contact LEAN Ext 5928.
- **A-level Computing Science tutors** required by local tutoring college. Seven hours per week, £8 per hour. Computing students, preferably graduates would find this easy. Especially if they've some teaching experience (eg Pimlico Connection). Please phone 370 6730 asap or Call at Collingham Tutors, 23 Collingham Gardens.
- **Rag Meeting today** in SCR 12.45pm. Could as many Soc reps/year reps attend as possible. We shall be discussing details of the Rag Fete and Parachuting, the last major events of Rag this year. Please come and support these-it's all for a very good cause. Any other people are very welcome.

- **Dance the night away for Charity** at the Young disabled on Holiday 'All Night Bop' on March 22/23 in the Lounge. Get your sponsor forms now from Mick Turner or Mike Grimshaw, Metallurgy Lett Racks.
- **Jobber Squad** need a group of friends to do a painting job in Chelsea and window cleaning in Knightsbridge on a Wednesday afternoon contact Clare McGann Physis 3
- **Tonight at 8.00pm** Imperial College Symphony Orchestra with Imperial College Choir **Mahler Symphony No 2** An experience not to be missed! Tickets available on the door (Great Hall) £1.50 only.
- **Mopsoc Annual Dinner** Tuesday 18 March. Now booking details from Kevin Menzies (Maths 3)
- **Hockey Club Annual Dinner** Sat March 15 Holland Club 7.30pm. Tickets £11.00 from team captains.

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- **BBC B micro with Wordwise Rom** £200. Phone C Standley on Int 6679
 - **One bike club captain.** Mo S failure, spares or repair. Wanted, 12 good men and true ONO contact C.
 - **Berghaus AB 65 BC rucksac,** immaculate, £40 PH 373 9214. Ask for Steve.
 - **BBC Micro 32K Sideways Ram** enables Roms to be loaded from and saved to disc. Very powerful. Also Exmon machine code monitor on chip from Beebug. Together cost £70 plus. Sell the pair for £30 contact Steve Thomas 01 730 7351.
 - **Tickets for Mahler Symphony** no 2, tonight at 8.00pm Great Hall. Available from the Haldane Library or on the door.

- WANTED**
- **B/W or Colour TV.** Contact A Martirosian, Physics 2.
 - **Wanted two March 1st tickets** for Twickenham International Rugby match. Contact Clare Murphy, Civ Eng 1.
- PERSONAL**
- **Sue Howell,** remember me? Can't wait to meet you again, love Lesley Marshall.

- **Battlecruisers are beautiful.** Find out why at IC wargames club!
- **Pooh bear, I love you.** Snuggle, snuggle, sorry this is a late Valentine, all my love, Piglet.
- **What is an 'exo-atmospheric re-entry vehicle interceptor sub-system functional technology validation program'?** Answers to Wargames please!
- **Can Horace and Henrietta,** the Happy Hippo's of Hamlet Gardens please stop romping at 1.30am. Keeping tired flat mates awake is ruthless!!
- **Hi there Derek!**
- **Attention of Maths Dept,** Crossword Committee: Lady had spare in battle zone—AH, I see'.
- **The fourth day of the week** on 999/301 and journey to the sun with perhaps Hula or maybe New Order to the cocteaus, who knows? Find out Saturday 6-8pm and we'll burn up together.
- **Bottles heal faster** when they are rubbed by Huggy Yogg!!!
- **Take the next turn** on the left Sue!!
- **Well done to IC Ladies** Badminton team for reaching the UAU finals. You did us proud!!
- **If it's Gulls its got to be good.** Could you be the one to carry it on next year.
- **Who is MF monkeying** about with?
- **Fill in the blank:** Monkey, Octopus, Pipsqueak, Blank.
- **Guided tours around Hyde Park**—Entertainments included. Contact A Saint, Handsome Prince Inc Physics 2.
- **Tactical luncheon/coffee** time conversation tuition. Contact Capt Pugwash Physics 2.
- **I'm gonna run to you** although it's only love but that's one good reason because you're the only one and no one makes it right like you—straight from the heart, Mo.
- **OK you bastards** I've got your cards marked. Live in fear I could strike anytime Spence xxxx.

- **Marlon, I want you** back! RSVP Love and kisses K xxxx.
- **To the bastard in Gulls** who chucked up in the Biology van on Saturday: May you forever be plagued by the smell of puke and we hope you were really ill on Sunday from IC Cricket Club, c/o Gareth Fish Int 6289.
- **If not (Elec Eng)** then GOTO Next ad ELSE GOTO Elec Eng Revue DATA, (time: Wed 26 Feb, Place: the Lounge, Tickets: £1 on sale now.)
- **Darling,** could I docee-do with you again next term. The Dashing White Sergeant.
- **The IC Coal Research Unit** has moved to new premises, due to squatters. Now at Bay 9 Mech Eng Library.
- **Complete the following sentence** and DW might even show you the exact place where Mitch is going to tie the conjugal knot. 'Dave Willis is so afraid of marriage every time he sees a wedding ring, he...' Answers to 211.
- **G P Smulder** (Mech Eng 1) is so mature he only fucks cheese.
- **To my Raven Haired beauty** your Veranda, or my patio
- **Is George K** giving up butand for Leut? Tut, Tut, Tut does not sound like him!
- **Did you know** that semen contains fructose at concentrations of up to 12mm.

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ICSO

What's loud, dramatic, intense, ecstatic, takes over an hour to perform and requires everything that more than two hundred performers can give it?

MAHLER'S RESURRECTION SYMPHONY!

If you think that symphonies are the harmless, rather tuneful outpourings of some slightly eccentric, grey-haired composer who died near Bavaria three hundred years ago, FORGET IT! There's nothing Sunday-afternoon-tea-roomy about this work (after all, could you honestly expect seven trombones, twelve trumpets and sixteen horns to behave themselves for an hour? And there's no telling what the OFF-STAGE bands are getting up to...). The sheer size of the orchestral forces involved indicate that this symphony is on an epic scale (as were most of Mahler's works), and it is partly for this reason that it is seldom performed. Aside from the indulgences in the brass section, the woodwind are doubled, the strings seem to spread to the walls of the Great Hall, and the Percussion!—Can such a collection of cymbals, drums and two sets of Timpani be contained?

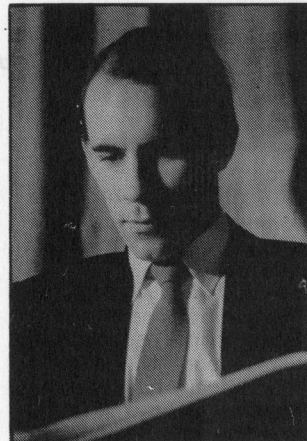
As if this wasn't enough to communicate with, Mahler adds a soprano and alto soloist, backed up by a large choir, just so no one fails to notice the fourth and fifth movements.

Who, you may well be asking, is going to perform such an unbelievably extravagant and demanding piece anywhere, let alone at IC?

Imperial College Symphony Orchestra, under the flamboyant direction of Mr Richard Dickins, their principal conductor. This is the group who brought you Rachmaninov's 2nd Symphony last term, Schostokavich's 5th Symphony and, last year, Stravinsky's 'Rite of Spring'. ICSO has about seventy members who meet every Wednesday for a gruelling three-hour session, loosely known as a rehearsal. The Orchestra's recent achievements testify to the high standard of playing and the enthusiasm with

which the players tackle ever-more preposterous programmes, proposed by their conductor.

Mr Richard Dickins has been 'in charge' of ICSO for seven years. He studied clarinet at the Royal College of Music (next door), changing to conducting, which he began with Norman Del Mar. Since he left the College in 1979, Richard has kept a busy schedule, somehow managing to fit ICSO rehearsals between directing the Covent Garden Chamber Orchestra and the Minehead Festival,



Richard Dickins

appearing at Edinburgh Festival and Sadler's Wells, and flitting across to La Scala, Milan. But his most important appointment (at least to us) is that he is now 'musician in residence'. He even has an office! Any musicians or interested students may find him on Wednesday afternoons in 322, 53 Prince's Gate.

That's enough about Richard, except to say that he's pretty animated and should be even more dynamic than usual for this one!

Although the majority of the Symphony is purely orchestral, the short fourth movement and the epic finale use solo voices and choir. Our soprano soloist is Melanie Armitstead. She studied singing at the Guildhall School of Music after graduating from Durham with Russian and French. Since then, she has worked with many eminent musicians including Sir Peter Pears, and has spent several summers at the Britten-Pears school for Advanced Musical study. Melanie has given recitals and performed in Oratorios throughout the country, and was a finalist in the 1984 'S-Hertogenbosch



Melanie Armitstead

International Singing Competition.

Yvonne Howard is the alto soloist. She was awarded many prizes at the Royal Northern College of Music, and has done masterclasses with Helen Watts and Elizabeth Schwarzkopf. As well as a soloist with orchestras and choirs, Yvonne has also given acclaimed performances on the

operatic stage, singing Marcellina in Mozart's 'Marriage of Figaro' with Glyndebourne Touring Opera in 1984.

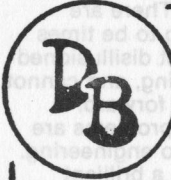
The choral forces are provided by IC Choir, who have undertaken to sing with ICSO as well as perform their own concert (coming soon!). Their enthusiastic performances are well known, encouraged by their conductor, Prof Eric Brown.

So, there you have it: all the ingredients for a completely exhilarating and totally shattering experience. It's a great opportunity to hear some of Mahler in his most expansive and dramatic state—not to be missed under any circumstances!

And it's **tonight**, Friday 28th February, at 8pm in the Great Hall. Students get in for £1.50. But don't be late—it's a long wait till the end of the first movement! Wine and refreshments will be available after the concert for those who survive the performance.

See you there!

FELIX



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3rd March 1986**

Engineering!— No Thanks?

OK take a break from those illegible illustrations and irrelevant equations for a moment. Think about what you want to achieve when you leave IC. Those who took part in Gary Werskey's discussion with the Ap Tech society will know what this is about.

As a school leaver, you must have had some enthusiasm for engineering. Don't let the academic establishment get you down! You may be fed up with all the high powered technical courses, which bear very little resemblance to reality. But persevere! You must nurture that desire for a profession which offers one of the most exciting, creative and socially beneficial careers.

As an Engineer you will be able to develop original and useful products, apply abstract knowledge to solving practical problems, see the results of your achievements and be satisfied with the recognition that you are an essential member of society, who holds the key



to wealth creation and profitability.

Christ! You ought to be singing and dancing in the streets at the thought of such prospects! What more could anybody want? The future of society is in your hands. If you are a thoroughbred Engineer, you are destined to make the world a better place—and be recognised for it. If only you would stand up and fight for what you want.

'What a load of crap!' I hear you utter as you reach for another accountancy application form. 'I've been in industry and seen what has happened to previous graduate engineers, ie hard work, low pay, little responsibility and slim prospects. Give me a bowler hat, a nine to five job, good prospects and the sweet smell of M***y. I don't care about the future of society for the creation of wealth. I am quite happy to provide a parasitic service and let someone else develop the means to pay for my exorbitant salary. I don't want to improve society or create something useful nor am I interested in feeling the exhilaration of

technological success. Besides, I have developed an allergy to swarfega!

You must realise that those 'Victims-Engineers' were not yourself. Your company is not what it was then. And even if it is, there are tremendous engineering possibilities with other more progressive companies. The great wheel of industry is starting to turn again and is hungry for new talent. You have got to recognise what you want to achieve in life, and have realistic expectations of your career.

I am not saying that there won't be any problems, because there will be plenty. You will have to start learning some engineering for a start-IC will have taught you little of real practical use. There is no substitute for knowledge gained through hard experience. You will have to acquaint yourself with new products, processes, customers and suppliers. This is bound to be tedious at times. You will also have to get to know the people you work with, and make sure that you will enjoy their company day after day. You will have to cope with conflicts your work may create. There are always going to be times when you get disillusioned with everything, and cannot see any way forward.

But these problems are not unique to engineering. Why forsake a brilliant profession when faced with difficulties which will be encountered in any exigent occupations? The 'bowler hat' alternative may offer better short term promotion and financial prospects. It may hand you convincing career paths on a plate. But you would be obtuse to accept. What would you achieve? Where is the creative excitement? Why do someone else's dirty work, when you could be doing you own—and actually create something worthwhile in the process?

Don't be like a rat-leaping on to another raft merely because of its cosmetic appearance. Think about the water that keeps the raft afloat! Who necessitates audits? Who issues the shares on which City sharks gleefully make a killing? Who creates the wealth—and in turn provides some thing in which to invest the wealth? I am not belittling those in financial world. Industry cannot survive without them. But where is the intrigue for intelligent and potentially

creative students?

As an Engineer, you will be able to improve things for so many people. Industry is starved of the technically capable such as yourself. The opportunities and long term personal prospects in engineering are tremendous. But you will have to maintain a constructive approach as to what you want to achieve, and keep making sensible demands in order to succeed.

You had better take down those equations now—There's a remote possibility you might need them one day!

Oh! And remember, it's 'Engineering?—Yes please!'

Mark Field

Back To School

Are there any female students who would be willing to return to their schools and talk to other girls about the opportunities available to them in Science and Engineering, especially at IC. Although school girls theoretically have the same chances as boys, it is still true that only a small proportion of them choose science and technology subjects for their sixth form and further education. This is often because they are unaware of the possibilities. Thus many girls miss out on an interesting, challenging—and lucrative education and career; and industry and academics miss out on a lot of ability.

A new scheme, approved by the rector, will enable women students to claim their expenses from College when they return to talk at their schools. This is a simple and practical way to pass on to younger girls, who may never even have considered a future in science and engineering, the benefits of your success and experience. The idea is to talk to girls at pre O'level, Pre A'level and pre UCCA stages, these being the times when crucial decisions are made. **Information Packs** In future a video will be available to back up the talk.

If anybody is willing to 'spread the word' in this way (and have a weekend at home into the bargain) contact me, or Margaret Cunningham the Senior Tutor for Women, (Huxley 422, X5053) for further details.

Christine Taig
Temp Women's Officer
Mech Eng 3

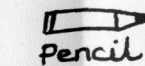
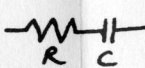
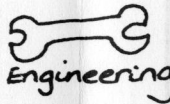
Politics & Piss-Artistry

I'm the RCS Academic Affairs Officer. I'm supposed to see to it that the students of the RCS get fairly represented. Last Friday I witnessed some outrageous behaviour on behalf of the C&G AAO and the Union President which should be publicized in the name of fair representation.

The Undergraduate Studies Committee is collecting lots of information about the undergraduates in College—some via Heads of Departments, more via the Students Union. Professor Blow, who works very hard as chairman of this committee, in the interests of the students must depend on the information

supplied to him by the Union. It must therefore be of the highest calibre and as thorough as possible. This requires a lot of time and experience, but is quite possible (theoretically) for the Academic Affairs Officers and Union President to achieve; however this opportunity to collect realistic and statistically valid information, with which the Undergraduate Studies Committee can begin to define our problems has been squandered. Here is how:

The objective is to decide what the students need and then 'prove' so by survey. To this end, a preliminary questionnaire was formulated and sent to 'all' academic reps in College. I made a set of suggested questions to add into the questionnaire, which was



ignored by the President. Supposedly on the basis of the results of this questionnaire, a simpler and more direct questionnaire has been formulated and is now being sent out to three sample year groups, Chem Eng 4, Civ Eng 2, and Maths 2. According to the President these year-groups were selected because they are of average size. According to a more reliable source, and which is substantiated by my own experience they were selected because they are known to be particularly dissatisfied year-groups, who would then given an extreme response to this second questionnaire. Remarkably enough, its content coincides with what the C&G AAO purports to have maintained all along—ie that the main areas of concern

are multitude of particular details about the courses. Viz:- Too theoretical, too much work required, boring, lectures too full, coursework too demanding, teachers uninspiring, poor course structure, inadequate tutorial. Notably, if you agree with any of these criticisms you indicate so by ringing the 'plus 2'; the minuses are for when you are 'too' happy with: your course!

Myself, being 1) not renowned for turning up to all Union Meetings, and 2) renowned for housing that rare quality known as morality, was not consulted as to the content or format of those questionnaire, or to whom it would be sent and why.

It is proposed that on the basis of what Chem Eng 4, Civ Eng 2, Maths 2 say on these subjects, we can

state the opinion of the student body as a whole. Although it may at first just appear to be 'at least a step in the right direction' even if rather restricted! It cannot qualify even for this because the results will be useless. It is short-sighted and narrow-minded and has wasted our opportunity to tell the Board of Studies exactly what we need. Most students will obviously agree that there is room for improvement in each of the above categories in their course albeit with different improvements in different places for different departments. But what will it mean in terms of action to be taken? Should the course be made less theoretical? Should there be fewer subject in the syllabus? This is what would be implied if the College is to adapt to the above and it would seriously detract from the value of a degree from IC in the eyes of most employers. Besides which it is simply not feasible to implement such changes due to the amount of administration (equals money) it would require. And it is not reasonable to ask for such changes on the basis a special sample group of students. Even if individual departments took steps to tackle these problems, the effort would be unjustified because by their nature the above are localised, transient problems with a timescale of a few years or less. By the time anything real began to happen, they would be either completely different or no longer there.

So, you may ask, having disqualified what the President and the C&G AAO are doing about student needs, just what am I doing about it myself? My answer is this—I do not know the answers, but I do know the problem. The best way to begin to tackle it is to try to make students aware of it. There is an underlying factor, connected with all these complaints which will still be there for years to come. Whilst we cannot say that in a few years' time the most vociferous complaints will still be in Maths 2, we can say that there will definitely be somebody somewhere who is very dissatisfied with his/her course, regretting ever taking the subject (Know the feeling?) The particular, departments are transient, irrelevant to the fundamental problem. After all, are we really going to

suggests that the people who run this college, who have been addressing exactly these problems and very many more for many years and whose objectives is to achieve the maximum number of well-qualified graduates, are that far out of touch with the students? Are the departmental staff/students committees really that useless? The answers is 'no' where, then is the problem? There is only one other place to look if it isn't them, it must be us. It is the attitude of the students that should change.

We all arrive here like spoiled children and expect everyone around us to adapt to our specifications. We are completely unable to look beyond our own little environs to the wider context of our situation as students of Imperial College, about to obtain a qualification that will label us for life. Imperial College is one of the best existing places for getting a good scientific/technical education, respected throughout the World for turning out capable people. While we are here, we should be grateful for the opportunity take such a privilege. The academic staff teach us or try to because they value these subject, they value knowledge itself, and because they value the aptitude that each of us has shown for our subject. Instead of appreciating this and helping with constructive criticisms, we just take it all for granted and trust completely in a few people to represent us.

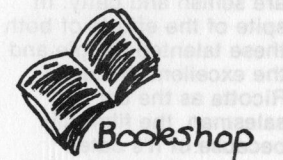
Unfortunately they are all to often unable or unwilling to do so. We pick on superficial points about which to argue, in the vague hope that somebody somewhere somehow can just flick a switch and solve it all.

The department of our College have only recently started using student questionnaires and trying to listen out for what we have to say. Obviously we should state the case as we see it, but we should bear in mind that motives and objectives of the staff/student committee, and see things from a collective point of view. The academic staff and the students are equally vital organs of Imperial College and we should see ourselves as part of the same body in many respects. They are on our side: our real enemy is mutual and lies outside the College. *Pete Klemperer*

Bookshop News

Our annual book sale will be held early in March it will include diaries, calenders and stationery items. All will be reduced at least 20%.

If you can't find the book you require, don't be frightened to ask, unfortunately there are times when lecturers tell you to buy a certain book but haven't asked me to stock it. If this is the case tell me so I can get stock in.



Once again may I point out that book prices are set by the publisher and we have to sell at their price. Stationery is a different matter in most cases we sell at below RRP. We stock a wide range of drawing instruments and boards if you can't see what you want ask, as some stock has to be stored behind the counter. Over the next few weeks various publishes will be exhibiting their new titles in our window, lecturers there may just be the title you want to recommend for the coming year.

As from 24 February the Sportshop will be open 11.00am to 2.30pm, Monday to Friday. Any suggestions for new items are welcome. At the moment we have either T-shirts or sweatshirts for the following clubs, Chaps, Keepfit, Badminton and Water Polo, Lambswool jumpers for Hockey, Judo, Cricket, Football and Rugby.



New botany wool jumpers with IC Crest which makes claim are machine washable, also over 20 ties for clubs and societies. Speedo swimwear and sports bags. If you require something outside the normal opening hours, come to me and I will open for you. Don't forget these are your shops, any profits we make go to your unions so use them.

REVIEWS

There are few things as depressing as seeing talented people wasted on material that isn't worthy of them and few things as unamusing as a funny film that isn't funny. **Car Trouble** is unfortunately both of these things. It concerns a childish couple and how the man's passion for fast cars, and in particular an E-type Jaguar, affects their relationship. He, Ian Charleston, is a flight controller and she, Julie Walters, is a bored housewife; both of them are selfish and petty. In spite of the efforts of both these talented people and the excellent Vincenzo Ricotta as the car salesman, the film fails because of its dated nudge-nudge, wink-wink humour and the lack of ideas to fill a feature film.

There are some genuinely funny moments, often involving the symbol of the lower middle class aspirations, the garden gnome, but equally there are some jokes that are very wide of the mark, such as the film-buff reference to 'The Shining' and the attempt by Ian Charleston to murder his wife by arranging a mid-air collision. The film is also

spoilt by some over-zealous editing and some intrusive music. The final line sums up the main characters: 'You're a maniac, and so's that woman, you deserve each other'.

A small German film which I was very impressed with when I saw it last year has finally been released in this country. I think that it is well worth a visit. The idea behind **Out of Order** is a very simple one, but the skill is in the telling.

On a Friday evening four employees get into a lift in order to leave for the weekend. The lift then gets stuck. The elderly man clings to his briefcase and the young messenger, Pit, and the slightly past-it executive, Jörg begin to compete for the attractive advertising woman, Marion.

Almost the entire film takes place in the confines of the lift, but both the control of space and the tension in the relationships is skillfully directed by Carl Schenkel. The claustrophobia of the lift interior enhances the feeling of depth when the lift shaft is shown in several very tense escape attempts. Although an apparently predictable story there are some clever twists and some exciting action scenes. I was riveted for most of the film.

Out of Africa tells the story of Karen Dinesen, who



already invested her money in a coffee farm, a riskier, though he believed less demanding enterprise. Their life together wasn't everything she'd hoped for, and his incorrigible promiscuity soon put a strain on their marriage. It was under such conditions that Karen grew to love Kenya and its people and to count on the friendship of two maverick pioneers, Berkley Cole and Denys Finch Hatton, who stole her heart.

It is a relief to find a 'big name' film which does not simply fall back upon the reputation of those big names. Meryl Streep, as Karen, is simply brilliant, and together with Robert Redford, who plays Denys, carries the film through its

BLIXEN

two and a half hours. The rest of the cast, although very much supporting, provide a splendid dramatic

NOMBASA

backdrop, particularly Michael Kitchen as Berkley Cole. Just wait for the Oscar nominations.

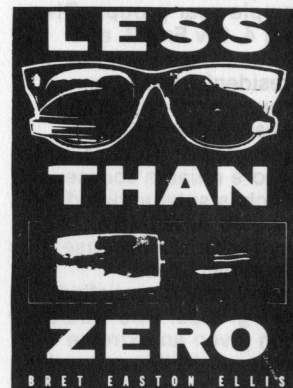
NAIROBI

arrived in Kenya in 1914 to start a new life with her Swedish cousin, Baron Bror Blixen, and raise cattle. Bror, however, had

Less than Zero appears to be one of the books of the moment. Hailed by reviewers as a modern 'Catcher in the Rye' and selling millions in the States, it seems set to combine pulp sensation with depressing social commentary. **Less Than Zero** is a description of the lifestyle of the children of the decadent rich in Los Angeles.

I suspect this will be the sort of book people either love or loathe which leaves one in a sort of desolate middle ground when trying to review it. The writing has a curious but striking style which uses the present tense in a rather chain-of-thought manner. The story, if that is the right word, describes the central character's experiences during a month's holiday back home from college in the East. The world of rich adolescents in Los Angeles portrayed as a mindless chain of parties and cruising chic bars and clubs in flashy cars. The characters, trapped in a sort of emotionless hell, are shown seeking kicks in drugs and snuff movies while their parents live in some separate uncaring world. Clay's 13 year old sister boasts to him in front of their mother that they don't need to steal his

cocaine as they have their own supplier, while later he finds one of his friends has been forced into homosexual prostitution to pay off drug debts. Whether **less than Zero** is meant as a profound



commentary on the moral corruption of excessive wealth or whether it is meant as an excuse for the decadent to demand sympathy I'm not sure, that's up to you. Can you have sympathy for coked out characters without the will even to think beyond the next expensive thrill? Clay finally draws the line at taking part in the gang rape of a 12 year-old, but while he begins to distance himself from his family and friends the book leaves the impression of a teenage population with nowhere to go but down.

The Year of the Quiet Sun deserves a longer treatment than I have space to give it here, so I'll reiterate the important point, it's excellent.

Polish settlers are trying to recreate their lives in war-torn Europe in an area that is now Western Poland, but was previously Germany. Against this background a shy American volunteers for a driving job because he is too shattered to return home. Soon he meets a widow and they fall for each other.

They unfortunately have no common language and their clumsy attempts to communicate both intimate comments and escape

distrust that heralds the Cold War. The whole film is delightful and the finale dream sequence genuinely moving, a sad but heartwarming experience.

And finally **Mr Love**, another sweet little film from Goldcrest. This one tells the tale of Mr Lovelace a Southport gardener. At nearly fifty after 28 years of marriage, he decides he needs some love and in a gently beguiling way charms the local womenfolk before his untimely death (prophetically referred to by one of his affairs in a comment about her passion, spiders).

Although lacking some of the wit of some of Puttman's



plans have to be done through an inappropriate interpreter. This device provides much of the frustration and poignancy of the film whilst at the same time reflecting the mutual international



WHO'S NICKED ME LEG AGAIN?

other productions it does nevertheless contain some fine characterisation from Barry Jackson as Mr Love, such as the wonderfully eccentric Theo, Maurice Denham, and the brilliant would-be-actress-but-usherette, Melani, Julia Deakin.

Underwater Diving

On Friday February 21, 10 keen divers showing masochistic tendencies, left Beit Quad to bravely explore where no sane person would ever contemplate going in February.

Saturday morning saw us trying to unstiffen the resulting frozen joints and making our way to Porthkerris where the Navy kindly gave us the opportunity to be targets for their Stingray torpedoes. Sadly we were unable to participate and so moved on to Porthoustock where 3 screaming novices (Dave, Jim and Jason) were deposited in the icy Atlantic for 30 minutes (the coldness of which was only surpassed by the 'hot' showers at the youth hostel). It was here that one teamster decided to lick clean the underside of the boat while it was still in the water. He was accordingly given the 'Dick of the day award' (yet again.)

By the afternoon we had transported ourselves to

Mullion Cove where the more experienced divers' enthusiasm for the pub was thwarted by the novices. With the exception of Andy and Julie (Wimps) we spent about twenty minutes being thrashed about by the swell in and round the harbour and we didn't even catch a single crab!! (Watch out for the T shirts). By this time it had started snowing which caused some rapid changing, blue extremities and a fairly interesting use of language.

We awoke Sunday morning, but only just, to find a blanket of snow all around and the rough sea conditions prohibited diving. Reluctantly we loaded the van and minibus and began to wind our way through many snowdrifts, with Nick finally fulfilling his ambition to steer a bobsleigh. Many thanks to Nick, Jim, Andy and Chris for driving the vehicles.

And to think we do all this for fun!!

Cycling

There'll be no club ride next Sunday since we're all going to Essex for a time-trial. The next team time-trial will be either 22nd or 23rd March. Please turn up on Thursday to enter (this one's a 4 up).

Since you're reading this article, you must be interested in cycling, so turn up on Wednesday to stretch your legs! (2pm Beit Arch.)

Rugby Sevens

Due to bad weather the Guilds Rugby Sevens has been postponed until Sunday 9 March. This means that there is still time to get a team together. The standard rules for Rugby Sevens apply, with one exception: the teams (of seven players and one reserve) can include only one guest (ie not a Guildsman).

For further details get in touch with S Maycock of Mech Eng 3.

Don't miss out on this chance for a really great game of social rugby (and a chance to see the Guilds Exec and FELIX teams make complete fools of themselves).

Coaches for teams and supporters will leave college, for Harlington, at 11am.

Team captains should enter on the list just inside the Guilds Office, on Level three, Mech Eng.

Dramsoc

A few quick notes before I pander to the worst aspects of the Clubs page, but if everybody else does it why shouldn't I? Blame for this crap may be attributed to QT or SF Soc — who are both thankfully absent this week.

Yes, it's the week before Kennedy's Children. Tickets are on sale now for this entirely new style of venture for Dramsoc — an unmissable experience. The show is on 12—15 March.

Now to the nitty gritty: If, however, we quantify the problem by assigning to a front-loader a "coefficient of churned-up-ness", C, of 1.0 it is questionable if even the most advanced vertical axis machines can obtain a value of greater than 0.6.

It is in the spinning department, though that the front loader machine is undoubtedly superior. Whereas the top loader ruthlessly splatters washing against the inside of the drum a front loader follows

Chess

Last weekend the London University Individual Closed Chess

championship was held at Imperial with a strong representation from IC Chess Club. The entry this year was particularly good with 17 people in all plus the indomitable Mike Gornedi (Age 40 plus), eternal student, who seems to have run out of authorities to give him a grant.

The four round tournament proved quite lively, especially in the second round when Paul Windle (IC) was stalemated by his opponent in time trouble when he only had a king, and his opponent King, Queen, Bishop and a couple of pawns.

The event was finally won jointly by Paul Windel (IC) and S Nicholls (Kings) both with (3 1/2 / 4). Newcomer John D'Sonta (IC) was awarded the highest ungraded player prize with (2 1/2 / 4). The other IC placings were; M Shewan (2 1/2 / 4), V Chingwundoh (2 / 4), A Bowles (1 / 4), A Badiani (1 / 4)

IC Chess Teams still have a few games left this season so if you are interested in playing please come up to the Chess Club any dinner time as soon as possible.

RCSU

First of all here's a reminder that voting in the present RCSU elections takes place on Monday in all departments so turn up and register your opinion even if it's just to abstain. The results will be announced at the UGM on Tuesday 4 March, 1pm in the Union Dining Hall, 1st Floor Beit Building. Then there's the Results Barnight that evening in the Union Bar.

Many thanks to the 180 of you who have signed up for donating blood and I must apologize for the interminable delay. Unfortunately the Transfusion Service have only just come to inspect our facilities and are now saying that they won't be able to come into college until the first week of next term. If this turns out to be the case, a list of all who signed will be put on RCS notice boards for you to indicate whether you'd be willing to donate then.

Lastly LEAP—FROGING DOWN HIGH STREET KENSINGTON in aid of SHELTER (Homeless People) takes place on Saturday. Meet 11.30 for 12.00 in the RCSU (and dress sensibly).

College Accommodation

Applications for College Accommodation for 1986/7 close at 4pm on Friday 7 March.

You may apply:

As a New Applicant

(if you have never lived in an IC Hall or House)

As a Re-Applicant

(if you live in an IC Hall or House)

You may also apply in a group for a College Head Tenancy Flat

Application forms and address labels are available from Student Services, 15 Princes Gardens

Football

IC 3rds 1 IC 2nds 0

The thirds gained revenge over the seconds for their win earlier in the season with their first league win since November. Both teams played with 3 'ringers', Paul Bravery, Dave Lynne and Lawrence Covill for the thirds, Lawrence playing his first game back from an 8 week suspension for telling Bravery to F**k off.

Covill's dominance of the back four enabled Dave Martin to keep a clean sheet for the first time this season, having only one save of note from a 25 yard drive from Goldsworthy.

At half-time it was still 0-0, the best chance of the half falling to Andy Wright when Curtis Davies ran through the defence and chipped the keeper for Wright to just head down at his feet instead of into the empty net. A brilliant tactical move by Captain Martin Lake saw the team revert to 4-4-2 for the second period. This was showing signs of working well and Captain Lake decided it was time to call on his last trump card to save the 3rds from relegation. Off went Dave Semerion who had played on despite being ill at the start and on came supersub, Psycho John Galloway.

With about 15 minutes to go a searching run from Dave Lynne followed by a cutting pass left John in front of an empty net. Instead of just tapping the ball in he stopped, calmly put his foot on the ball, teed up and waited for the keeper to dive before scoring off the post.

Ski

M-team Achieve Ultimate

The IC first Ski team, scored first place in the London Ski League with a fabulous victory in Hemel Hempstead on Saturday. After a shaky start the team pulled through beating their main rivals St Thomas's in a thrilling final race. The team has already made a fantastic achievement in ensuring a place in the National Finals long before the last round of races in the London League, by accumulating a 6 point lead over both St Thomas's and Royal Free, who are tied for second place.

SPORTS

Hockey

Sat 22

Mens

Barclays Bank

0

IC

2nds 0

Ladies

ULU Plate Semi-final

2

QMC

0

Sun 23

IC Mixed

0

Osteopaths

1

Football

Sat 22

IC

3rds 1

IC

2nds 0

Rugby

IC

1sts 38

Wasps

XV 3

Boat

IC Head of Burway

Whilst the 1st VIII trained on the Tidenway in preparation for the Head, the remainder of the Men's Top Squad and the Men's novices went to Burway Head.

In the four's event IC had two crews entered. The novice coxed four starting tenth just ahead of the Staines Senior A coxed four were unlucky. The experienced Staines crew quickly caught the novice four and clashed blades. The Staines crew then cut across the bows of the novice crew and holed the bow spraydeck. This bought both crews to a standstill. The marshalls decided to disqualify both crews-this seemed exceptionally harsh on the novice crew. Despite the stoppage they completed the course in the second fastest time of their division. The determination and power of this crew (Steve Wright, Charlie Marsden, Dominic Strowbridge and Andrews Renwick) should bring them several wins this season.

The Elite coxless four which consisted of the remaining top group had an extraordinary day. The intended bow man Robert Gee had been 'eliminated' after being hospitalised for a day after an incident on the river the previous Wednesday. This necessitated the steering to be moved to two-in the

capable hands of Bill Mason. With Hans Michels at three feeling the effects of flu, and Dave Morten at stroke making an unfit comeback, the crew was lucky that Nigel Reynolds slotted in so well in the bow seat. The crew went off second and made up the 22 second margin to the Staines crew ahead well before the half distance mark. Staines refused to let IC through on the inside, and forced IC and 'Buffalo Bill' round the outside of the bend where they were rowing in the stream. At the finish the crews finished level. A long recovery was needed before returning to the landing stage. The Elite four had done enough to win overall and give Bill Mason an Elite win for the Twentieth consecutive year.

The Senior B VIII then took to the water. In a very impressive performance in which they had greater cohesion and aggression, they took apart the Staines Senior A eight. Once past this Staines crew and back on the inside of the bend, Nigel Reynolds backed up by John Harnett took the rate up one, the remainder of the crew Chas Behrens, Dave 'Dredger' Hudson, Clive Travis, James 'Spag-Bol' Ganderton, Vince 'Black Adder' Roper and Paul 'Pecker' Richards responded. By the finish they had pulled out another six lengths on Staines. Being forced around the outside of the bend over the first half had cost valuable time and they lost their division by three seconds.

IC RUGBY CLUB

We need YOUR Support

IC 1st XV play in the FINAL of the Gutteridge (London Colleges) Cup on Sunday 2nd MARCH

FREE COACHES to MOTSPUR PARK leaving the UNION BUILDING at 1.30pm

Ladies

Hockey

IC 2 QMC 2nds 0

Ladies Hockey, always keen for a challenge played 'Ice Hockey' this Saturday in the semi-final of the Ladies plate competition. Despite very difficult playing conditions due to the rock solid pitch, IC completely outplayed their opposition, QMC 2. The first goal was quite spectacular, and was scored from a short corner by our star player Sarah Hodgson. The second goal was also excellent, scored by Elaine Harper. There was some doubt as to whether a short corner should have been awarded instead of a goal, but our umpire was obviously suitably bribed! (His name is Jonathan Stonham-he wanted his name mentioned!) The game ended with no more goals, so we are now through to the final of the plate. As yet we don't know who the opposition is as the previous round match has not been played, but whoever it is we're confident!

Tennis

IC Mixed 3 Richmond College Mixed 6

The Imperial team was really up against it in this mixed doubles friendly, as Richmond were fielding two players who have played intercollegiate tennis for their Universities in the states. This however did not deter Michael Morcos and Becky Hunt from both giving splendid performances winning one of their matches and stealing a set in another. Unfortunately the same could not be said for the other doubles pairing of Steve Cain and Sabina Coshlich who went down in straight rather rapid sets in both matches.

On Sunday the snow blizzard caused the IC mens 1st VI match at Queens club to be abandoned just before it began, much to Queens relief who live to fight again another day.

Fencing

ICFC had a busy week last week with two matches against other local colleges. On Wednesday we defeated Kings College in a two weapon match. A comfortable 6-3 margin decided the foil where the team's only problem was a disagreement over what constitutes a stop-hit. The épée match could not be completed due to a Kings fencer breaking their only left handed épée. Thus instead of winning 7-2, we had to make do with 6-2.

Worthy of note was David Matthews' two victories at épée, a weapon with which he is not familiar.

On Friday we had our return match against UC, winning by 18 fights to 9. UC were weaker in their foil team and we won 5-4. Again the sabre was a whitewash, we won 8-1. The épée score was 5-4 but with an indicator of plus 17, means the match was not as close as it appears.

There was also a novices match of twelve bouts which resulted in a 6-6 draw. John Franks fought well, winning all his fights and conceding only four hits.

The next match is against QMC on Friday 7 March.

Rifle

Inter CCU small bore pistol match RCS 695 C&G 692

Last Wednesday saw RCS and C&G compete in the annual pistol match. Mines were unable to field a team this year.

RCS with their very experienced team, threequarters of last years University of London team, were expecting to win easily. C&G fielded an inexperienced team; this was the first competition most had shot in.

In the end the match was extremely close with RCS winning by 3 points. The top individual scores of the day were 178 from Steve Brooker and E Blance, The former winning on the number of 'Bulls' scored, and stopping RCS winning everything.

Rugby

IC 38pts WASPS 3pts

ICRFC 1st XV entertained a WASPS XV on Saturday in bitterly cold conditions and in a frozen pitch. It proved to be an opportunity for the IC team to work on forward solidity and run through some dashing back moves. All the scoring in the first half was attributed to Folland as he crossed for three tries, one of which he converted. The second try was the pick of these as it followed excellent first phase possession as a neat break by Anderson running at full-pace. Wasps only reply was a first half penalty.

The second half saw the IC pack tear into the opposition and produce a constant stream of good second phase possession. The backs consistently broke through the Wasps cover releasing Seccombe, the flying Welshman, on numerous runs. Twice he touched down but missed out on his hat-trick by deliberately allowing a Wasps prop to catch him just before full-time whistle. It was 'Boogie-woogie' Goetz who again scored two tries and shone for IC in the back-row. He received good support in the mauls from Chris Dancer, ugly as ever, and a solid second-row platform in the shape of Roly and Rawell. Despite earlier fears over injuries only Steve Pierer-Rives sustained a knock, but nothing to keep him out of next Sunday's (March 2!) Gutteridge final-weather permitting!

Badminton

UAU Ladies Team Championships

The first game was our first pair, Robin Martin and Sarah Threadgold, against Leeds' first pair. Despite the fact that the Leeds pair contained the individual UAU ladies singles winner, they proved minimal trouble for IC, who (very nervously) beat them in straight games to the cheering of the rest of the IC Team.

Then it was the turn of IC's end pair consisting of Julie Goodeve and Susan Yates to play Leeds' 2nd pair. Much to the relief of all the IC team they won with style, giving IC a 2-0 lead.

Inspired by the previous 2 games, IC's 3rd pair of Helen Gregory and Farida Kateli went out against Leeds 3rd pair and annihilated them with ease to give IC a 3-0 lead, looking extremely promising.

Our first pair of Robin and Sarah then continued their winning streak to win their next two games. The second pair beat the third pair but decided that they'd better let the Leeds 1st pair win. The third pair surpassed themselves in beating the Leeds' 2nd pair, but were unable to beat the first pair.

These results gave IC an incredible 7-2 win over Leeds University to take them into the finals the following day against Loughborough who beat Birmingham 5-4.

Determined not to be overawed by Loughborough's reputation or their supporters, IC went out ready to do battle.

Unfortunately, a shock result occurred in the very first game when Loughborough had an unprecedented win over our 1st pair, which somewhat shook our winning strategy. Realising that the pressure was now on them to win, the 2nd pair went out, to try and do justice to a wonderful IC ladies team. After narrowly losing the first game 15-11, they fought back to the take the second 15-9. With everybody nervously watching and praying for an IC victory, they struggled at the beginning of the third game and were 8-3 down at the change of ends. Despite a desperate effort to rethink their tactics and come out on top, they were unable to beat Loughborough and rather sadly lost 15-5, thus almost sealing the fate of the match.

From that point, all our pains managed to beat an extremely weak third pair from Loughborough, but although our first pair beat the Loughborough second pair, our second pair lost to Loughborough's first as did our third, and this left the score at 4-4 with one game left to play our third pair against Loughborough's second pair.

Our third pair put up a tremendous fight, but unfortunately for IC were unable to overcome the strength of Loughborough and lost, thus giving a final score of a 5-4 win for Loughborough.



IC Rugby 1st XV (Hoops) in action on Saturday

WHAT'S ON

Today

2000h

Great Hall
IC Orchestra Concert Your chance to hear Mahler's 2nd Symphony with over 200 performers. Price:£1.50

Saturday

2030h

JCR
Hellenic Society Party Greek food, wine, live music. Members:£2 Non-members:£3.

Monday

1930h

Physics LT1
Wellsoc Talk featuring CB Stringer on the evolution of man, past, present and future. No cameras please.

Tuesday

1240h

Jazz Room
Big Band Practice All wind instrument players welcome (no hand farts).

1300h

Physics LT1
Philosophy of Quantum Mechanics. A Mopsoc lecture by Prof Chris Isham. Admission free to members, membership £1.

1800h

Middlesex Poly (Bounds Green)
Human Face of Engineering — are we ignoring it? Talk by Ms Barbara Stephens.

Union SCR

Alsace Wine Tasting Liz Berry — master of wine is tutoring this week's tasting. Members:£3.

Wednesday

1245h

Jazz Room
Big Band Practice Are you windy? If so turn up.

Thursday

1230h

Huxley 413
Methsoc Meeting. A Bible study on 'The Church and Wealth'. Lunch:50p

Regular Changes

Additions

Tuesday

1845h

Swimming Pool
Canoeing 30p without Sports Centre pass.



Big Band practices on Monday and Wednesday

FLOPETROL JOHNSTON

Schlumberger

EXTREMES OF CHALLENGE

We are an oilfield service company looking for graduates in Mechanical, Electrical, Chemical, Petroleum Engineering.

We will be holding a presentation at 6pm on Wednesday, 5 March 1986 in Committee Rooms 327/328 in the Sherfield Building at Imperial College.

If you want a challenging career, we would like to meet you.

EVERYONE WELCOME!

Subwardens

Applications are invited for post of Subwarden of Linstead Hall which falls vacant during the Easter vacation. There are three subwardens, whose duties are to assist the Warden in the day-to-day running of the Hall. Rent free accommodation is provided.

Linstead Hall is a mixed residence of 190 students. We are looking for a sociable and mature postgraduate, with at least two years more study at IC.

Application forms are available from the Students' Union and should be sent to DR RH CLARKE, WARDEN, LINSTEAD HALL by 28 FEBRUARY 1986

Applications are invited for the posts of Subwarden of Selkirk Hall and Assistant Subwarden of Tizard Hall which will be vacant from October, 1986. Both Halls are mixed and situated in Southside. The role of subwardens is to assist the Warden in the organisation of social events within Halls and disciplinary matters. Both posts are open to male or female postgraduate students of Imperial College, and applications from post-doctoral staff and undergraduates will be considered for the posts of subwarden and assistant subwarden respectively. Preference will be given to applicants who expect to stay at College for at least 2 years.

Applications containing a cv and the names of two referees should be sent to the warden Dr MHR Hutchinson, Tizard and Selkirk Halls by Monday 10th March

+Capital

IDEAS...++..+

Spin-offs are a great part of any endeavour. The Apollo project gave us the Teflon non-stick lavatory seat, until complaints about serious spinal injuries, from people who kept on falling off, ditched this idea. Not discouraged, the inventors returned with the far more useful non-stick frying pan. A later project with Teflon ball-pens also proved to be ill-advised: the sight of people chasing round offices after runaway pens was deemed to be a major cause of stress and deaths among yuppies. So ergonomics experts ruled that the pens were unfit for use.

Similarly, research into oil-drilling has bequeathed reusable chewing gum unto the human race. Originally intended for sticking plates to tables in rough seas, it has found a use among

encyclopaedia salesmen to prevent their jaws from seizing-up on long journeys between victims. The salesman has evolved a jaw capable of prolonged enthusing over pictures of gerbil-eating pygmy tribes from the wilds of Guildford. However this highly specialised mechanism requires constant exercise, and before the advent of this miracle invention salesmen had been found between houses with totally locked faces, unable to speak. Now the same piece of gum can keep one going for over a year. It is available in three enticing flavours: Sawdust, Dead Lemming and Halitosis.



With his absence from the media for more than two hours, rumours may have had it that Paul Weller's own jaw has seized up. But he's back with Tom Robinson and a cast of thousands, just around the corner at the Albert Hall on Sunday. It's part of GLC's

Jobs Year campaign, now entering its second year. It may not be long before it becomes the GLC Jobs Decade. The show itself begins at 6:15pm and costs a mere £3.50 to get in.

Later the same evening, Geno Washington is playing in that nightclub beloved by intercollegiate halls, Xenon. It starts at 9pm, but this one is worth an entire blue note.

On Thursday, at the increasingly expensive Town and Country Club are the 'light as Angel Delight' group, the Bangles, currently known for their frothy hit, 'Manic Monday'.

Decent gigs seems to be like buses this week, not so much one every one-and-a-half days, as two every three days; since also on Thursday, the Pale Fountains play Bay 63 for the knockdown prices of £3 and £2.50. Guesting with the Paleys, who have long outgrown their turgid debut, 'Thank-you', having produced two fine albums, are promising band, the Servants. They are living proof that the jingle-jangle guitar revival ploughs relentlessly on. Just as long as no-one starts break-dancing to it...

The Tate Gallery now gets a chance to recycle the various paintings from its existing modern collection until April 27th. 'Forty Years Of Modern Art (1945-1985)' purports to take in everything from Vorticism to Kinetic Art, and may be worth a visit just in case they have dug out something that hasn't been displayed for a few years. I suspect that like many Tate retrospectives, the exhibition is too small to be truly representative.

Meanwhile at the Hanging Gardens of Barbican opens a new exhibition entitled "Art and Time" — looking at various artists' concepts of the passage of time. Unfortunately the distinguished crowd selected appear to have come up with a depressing number of pictures of clocks. Admittedly the timepieces in Dali's oeuvres do look as though were caught too close to a tactical nuclear weapon. Still not quite sure why the fish is there though...

A new method of training for the 400m dash in the UAU competitions is the eat-at-Pizzaland-then-run-out-of-the-door-without-paying technique. However this really doesn't work very well at "Just Around The Corner" (Finchley Road) — since you can decide if you pay and, if so, how much. The main catch is they decide what you are going to eat, and in what order the courses come. Conciencc generally gets the better of people here, and they all dutifully cough up. But if you really feel like being a bastard...



Stuck for something to do on a Thursday? Glue-sniffing no longer gives you a kick? Why not come along to the FELIX social evening on a Thursday? You can sample the delights of inhaling ink and other noxious solvents, and discover a new aid to Transcendental Meditation simply by inserting pieces of folded paper into other pieces of folded paper. You even get to meet some of the wierdest people at IC, and all in the same room. It starts at 7pm and ends eventually.

Thus spake Zarathustra: "I'm buggered if they're going to use my theme for some crappy SF film".

Holland To Be Moved

The Holland Club is to be relocated in the Sherfield Building because of structural problems with the present building. A survey of the present Holland Club building has revealed major structural defects in the roof, the main structural beam and the internal partitions. The estimated costs of remedying these defects is £255,000.

The post room and the old telephone exchange in the basement of the Sherfield Building will be converted to provide space for a bar, a snooker room and a room for table tennis or social occasions.

At their meeting on November 8 the Finance and Executive Committees of the Governing Body approved the move in view of the cost of rehabilitation, the cost of adapting the building to other uses and the fact that demolition would provide a valuable clear site for future expansion for academic purposes.

The cost of adaptations in the Sherfield Building are estimated at £89,000 and the demolition of the Holland Club and the work to make good the east face of the Huxley Building will cost an estimated £70,000

The proposals have been agreed with officers of the Holland Club.

Elections

The papers for the ICU elections come down at 5.30pm today. Nigel Atkinson and Grenville Manuel have both withdrawn from standing for FELIX editor. Five people are now running for the position of President. They are J Martin Taylor, Christine Taig, Chris Stapleton, James O'Shea and Paul Mercyx who is standing under the name of Dobbin the Pantomime Horses head.

Dave Collie and Micheal Newman are running for Honorary Secretary.

Jackie Peirce and Dave Jones are standing unopposed for Deputy President and FELIX Editor respectively.

Louts Out

Four students have been rehoused in alternative College accommodation following 'disruptive behaviour' in Southwell house in Evelyn Gardens. The Rector, Professor Eric Ash was initially unwilling to rehouse them in College property, but later relented on humanitarian grounds. The students concerned are alleged to have caused damage and inconvenience to other residents over the past six months. It has been reported that their behaviour was instrumental in the resignation of the former house warden, Mrs Artgale.

More Women

The new Working Party on the Admission of more women students is proposing a series of 2-day residential courses for 6th form girls. The committee is headed by Margaret Cumingham, the senior tutor for women students. The courses would include lectures and laboratory sessions in several departments. The Working Party has estimated the cost of each course to be approximately £1400. To go ahead they would need the approval of the Rector, Professor Ash, and the support of the majority of departments. The Rector is committed to doubling the proportion of women at Imperial College by 1993.

The Physics Department is planning a programme involving staff and students in going to visit schools. Imperial College Union has expressed an interest in assisting College to attract women students. The ICU representatives on the Working Party are Womens Officer Christine Taig and Academic Affairs Officer J Martin Taylor. The committee will be meeting again on Wednesday 12 March.

Parsons Flies

Royal School of Mines student Geoff Parsons won a bronze medal in the European Indoor Championships in Madrid. Mr Parsons was competing for Great Britain against the Soviet Union at Cosford on Tuesday.



NUS March

Imperial College students joined about 25000 other students on an NUS protest march about government benefit cuts from County Hall to the DHSS offices and on to a rally at a park in Elephant and Castle.

Some of the IC contingent joined a group of students, led by Chris Boomer of PCL, who decided to march to Westminster. This group felt that a more direct protest was needed. The large but friendly police presence quickly caught on and proved an efficient escort and little obstruction until the group reached Festival Gardens. Here the police prevented the students crossing the Thames. A group of about 150 students still found a way to 10 Downing Street.

Melliari-Smith Resigns

Tom Melliari-Smith has resigned from his post as Hon Sec of RCSU. This follows the discovery that he is not a registered student at IC, and so is not a member of RCSU or of ICU. Mr Melliari-Smith has also resigned as GUC Delegate, and as ordinary member on ICU Council, Bar Committee and Internal Services Committee.

Mr Melliari-Smith told FELIX that the position had arisen due to a misunderstanding between his department, the college registry, and himself. He had discovered that his name had been omitted from the registry list shortly after Christmas. In order to avoid the chaos that a rushed election of a new Hon Sec would cause, Mr Melliari-Smith chose not to resign until after the Annual Dinner on February 7.

Mr Melliari-Smith admitted that he had handled the organisation of the dinner unwisely. Willie Rushton, the expected guest speaker, had not fallen ill with apendicitus, as had been originally reported (See FELIX February 7). Mr Melliari-Smith had invited Mr Rushton through friends of his aunt, but had discovered one month before the dinner that Mr Rushton had not been booked. He decided not to make this generally known so as not to discourage students from attending the Dinner. He agreed that this had been a mistake.

There was no mention of Mr Melliari-Smiths resignation at the RCS hustings UGM on Monday. RCS President Simon Redlich said that he did not think that the hustings UGM was the right place to announce the resignation.

No Haddock

Grab Grab The Haddock, the band booked by Ents to play the Lounge on Friday night have spilt up. At present Ents are trying to find another band to play on Friday Night.