



FELIX

Founded in 1949

The Newspaper of Imperial College Union



Reggie, the Kings College mascot, pictured in 1976 when it was last stolen by RCSU.

REGGIE GOES WALKIES!

Reggie, the mascot of Kings College London, was successfully stolen by the Royal College of Science Union in the early hours of yesterday morning.

The mascot is a large red concrete lion which is extremely heavy and was previously stolen by RCSU in 1976. The raid took place after three days of careful reconnaissance earlier in the week, during which it was established that Reggie was resting on some steps in one of the main College buildings.

A group of about fifteen people left the RCSU Office at 6:00am Thursday, including City and Guilds Union President Mr Andrew Rushton, who had been told to come to the office at that time as part of the treasure hunt for Spanner and Bolt. They arrived at Kings College and managed to haul the lion to a waiting van with only a little resistance from cleaning staff. A letter was left for the Kings College President explaining the move and stating that Reggie would be returned after money had been collected from RCS Rag.

Reggie was displayed at the RCS Hustings UGM which took place yesterday (see report).

Jezebel rompen heim

Jezebel, the motorised mascot of the Royal College of Science Union, returned from Cologne last Wednesday after spending over a week in Germany taking part in Karnival celebrations.

The trip was organised by the RCS Motor Club and Jez spent most of her time at the Cologne Karnival, a series of processions before the start of Lent.

Mr Duncan Batty, Motor Club Chairman, left with Jez on Tuesday, February 16 and was later joined on Saturday morning by twenty RCS students who had left on Friday night.

Although Jezebel did not take part in the main procession on the Monday, she took part in three other processions and was shown on German television.



Sweet Revenge

Five of the top officers in City and Guilds Union were 'treacle and feathered' yesterday on the orders of their own union members. The sentence was passed at a trial of those responsible for the loss of Spanner and Bolt, at yesterday's Guilds UGM.

They were also sentenced to be thrown in the round pond although they voluntarily publicised their own humiliation by turning up at an otherwise uninteresting RCSU Hustings UGM.



Sir

I was horrified to discover that the ICU nuts themselves, Messrs Ledwold and McCabe, have this week accompanied the RCSU motorised mascot Jezebel on a five day journey to Cologne. Does this mean that their duties as Hon Sec and Deputy President are being totally ignored?

Probably, we shall never notice the difference and Mr Nick Morton will indeed be able to say "I haven't seen them for a week and have managed quite well without them."

Yours
N. Parker

Dear Mark Smith

Oh dear. In his Soapbox article (FELIX 606) on the Soc Soc's "Radical" news-sheet, N. Willson has surely dropped a clanger. He criticises the comment in the Editor's Intro "Please excuse (sic) any spelling or grammatical errors as we can't all have a public school education....", as ".....insult(ing) people who went to a public school, as if it was *their* fault?" (his emphasis). Is it not that the comment criticises the public school *system* (and rightly so), with its foundation upon privilege, rather than people who have gone through the system? I rather think so. Perhaps, in future, N. Willson might learn to understand the *words*, rather than taking exception to what he mistakenly believes to be written between the lines.

Yours good-spiritedly
Donald Craig
Chem 2

Dear Mark

Nick Willson's Soapbox article in last week's FELIX about Socialist Society was fairly well reasoned and thought provoking. In reference to last term's Soc Soc newsheet, Radical, he gave the impression that leftists in general, and Soc Soc in particular, are paranoid, self-obsessed and arrogant. This may be true, it's hard for me to be objective. I hope that anyone who wants to make their own judgement will obtain a copy of Radical, either from me or Ian House, Life Sci 1 (they don't cost anything).

However, Mr Willson made several basic errors. His claim that the articles in Radical attack multinational company directors and right wing politicians *personally*, not the system they have to work within, is completely false. Nowhere in the article on multinationals, for example, is a company director mentioned personally. We are not unwilling to admit that our opponents are normal people. They are caught up in the system as much as anybody else; the manager who works ten hours a day and at weekends in his spare time; who, because of all his material possessions, has more to worry about; who cannot spend much time with his children; who suffers from stomach ulcers; who dies just a few years after retirement.... he too is a victim of capitalism. It is the system we object to, and its corruption and destruction of human dignity.

I find it strange that Mr Willson should object to the comment in the Editor's Intro about public schools, and to the person who advocated the "secret candidate" approach to Union elections (in fact he's not a member of Soc Soc) grinning as he put forward the idea. Usually it's left wingers who are accused of being unable to take a joke!

He says "a cartoon showing a disgustingly fat white man (the West) carelessly scattering crumbs to a starving black (the developing world) is.... going to cause irritation and resentment among people who might be open to persuasion". If they see the

cartoon as a personal attack then they're as paranoid as we are. If they believe the cartoon is untrue or unfair, then I accept that we should be arguing our case at a more basic level.

Socialist Society attempts to influence people's attitudes, generally by advertising what we see to be the truth. If we become arrogant, then I would welcome criticism to that effect. but we will not betray our ideals merely to get more popular support. If that was all we wanted then perhaps we should stop talking about politics altogether. However, the Soc Soc mailing list had sixty-five names on it at the beginning of this year; now it stands at ninety-eight.

Yours sincerely
Robert Kelsey
Civ Eng 2
Soc Soc Chairperson

Dear Mark

With reference to Ian Hodgson's letter (FELIX 606) I should like to make the following points:

The SCC "booze up" was financed with £20 of SCC funds specifically earmarked for entertainment, and by contributions from Stephen Goulder and Mrs Pingree, the College Archivist. The effective capita cost of those attending was about £1. The evening was highly successful, enabling SCC members, usually found heckling each other, to relax and mingle. This can only be good for SCC and IC Union.

Contrast that with Welfare Day. Not more than 30 people attended any single event during the afternoon. The programme was arranged with a lot of time, effort and money. The per capita cost for those who did turn up was around £4 or £5. The benefit? Good for a very small number of people.

If you readers agree with Mr Hodgson then we must expect an outcry at the "waste of money" on Welfare Day rather than expressions of disquiet at the very low attendance. What are our priorities?

Yours disappointedly
Jon Barnett
Physics 1

Dear Mark

I feel duty bound to reply to the letter in the last issue of FELIX written by Martin Taylor. I'm sorry that I cannot answer his question myself, since being bound up in the organisation I was unable to attend much of the discussion. I can only suggest that he asks someone who was there (though I shouldn't spend too much time looking) or phones Gay Switchboard on 837-7324—they'll be happy to discuss it.

Yours sincerely
Nick Pyne

PS: Bollocks to everyone who couldn't be bothered to come along!

Dear Mark

I am most surprised at the recent controversy over the use of the IC Radio Logo on posters, advertising the Links Carnival, on two counts.

Firstly, Mr Nunns states in his letter (FELIX 606) that permission was not obtained from the station to use the logo. I find this hard to understand, as I know Mr Neil Sykes, IC Radio Manager, to be a most charitable and friendly person, and I feel sure that if approached in the Southside Bar, where he is to be found most evenings, and offered a pint of cider, he would have given the required permission.

Secondly, I cannot see any reason why the Links Carnival should be publicised with posters showing a hardly visible crocodile in the top right-hand corner. I have it on good authority that the reason for the crocodile on IC Radio's logo is that *Crocodile Rock* by Elton John was the first record played on the medium wave service of the station. It will surely be some years yet before the music of Elton John is considered so unfamiliar and unacceptable to the average IC student to merit its live exposure at an event such as the Links Carnival.

"Puzzled"
Falmouth/Keogh Hall

Election Manifestoes (not to exceed 300 words) must be submitted to the Editor by 1:00pm, Monday, March 1, accompanied by a b/w photo.

Fast Food Service



THE TRADITIONAL Pancake Race around Beit Quad was held last Tuesday. Up until 1980 the race was an annual contest between Imperial College Women's Association (ICWA) and Imperial College Union. However the event did not take place last year and since then ICWA has disbanded, the CCUs and Rag competed this year.

The race was revived as part of City and Guilds tasks to regain their violated mascots Spanner and Bolt. Two races were held. In the first C&G beat RCS and in the second they beat Rag and

the current holders of Spanner and Bolt, ICU.

City and Guilds also had to sell pancakes and raised more than £10 for Rag, selling over 100 pancakes. They hope to make this an annual event, although they don't plan to wear RCS slops in the future.

As usual the event coincided with the annual testing of the fire hoses in the Union Building and according to the FELIX Editor Mr Mark Smith, who refereed the event, the Quad resembled "Bangladesh after the ravages of the monsoon".

Bloody Good Lecture

NOBEL LAUREATE Dr Max Perutz FRS spoke at College last Monday at the invitation of the Chemical Society.

Dr Perutz won the Nobel Prize in 1962 for work on haemoglobin and with the aid of stereo slides and glasses he gave an excellent lecture to the capacity audience.

He told of the setbacks he encountered in formulating a hypothesis for the functioning of haemoglobin and how he refuted the 'demolition of his theory by the Bell Laboratories of New Jersey in 1980.

During his research Dr Perutz had consulted with such luminaries as Sir Lawrence Bragg and Linus Pauling and hopes to further elucidate the workings of haemoglobin in the MRC labs of Cambridge, with the assistance of new and powerful X-ray diffraction apparatus in Paris.

Former Nazi Tells All!

AN EX-NAZI Youth Leader presented an informed lecture to Methsoc on "Nazism, Communism and Christianity" last Wednesday lunchtime.

Pastor A.E. Pokorny described Nazism as "a religion established in the face of an archaic and inward-looking church". He gave a vivid account of his own indoctrination as an officer of the Hitler Youth, and his subsequent if rather reluctant, conversion to Christianity before the War. Several of his friends rose to prominent ranks in the SS; at least one was charged after the Nuremberg trials.

Paster Pokorny is new General Secretary of the Christian Bible mission, and as a lecturer and preacher he is booked until September.



Check it Out.

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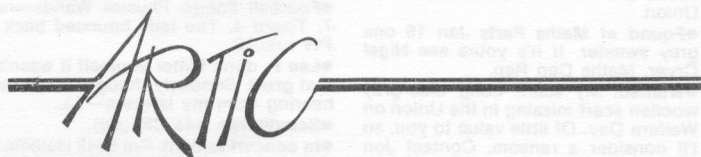
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The ZX81 suggests moves if required. Price £12.99

Make cheques payable to Artic Computing.
Deliver to Box ZX81, FELIX office.



Rugby Club Success!

IMPERIAL COLLEGE Rugby Football Club came through to the final of the Gutteridge Cup after beating London Hospitals 9-7 in the semi-final. The final is at Motspur Park on Sunday, February 28. All supporters travel free. Coaches leave 1:30pm from Beit Arch.

Goldsmith at IC

MR WALTER GOLDSMITH, Director-General of the Institute of Directors (a body similar to the CBI, only more exclusive), will address the Industrial Society next week.

The meeting was originally arranged as a debate between Mr Goldsmith and Mr Alan Fisher, General Secretary of NUPE. Unfortunately, Mr Fisher is now unable to attend, so Mr Goldsmith will have free rein to discuss his views on subjects such as industrial democracy.

The meeting is next Tuesday, March 4 at 1:00pm in Mech Eng 220.

Mines lose Bottle

Camborne Report

On the morning of last Friday at about 10:00am, 140 Miners (players and spectators) set off to the wilds of the west country to make war against Camborne School of Mines.

This event began in 1902 when the first rugby match was played and indeed (after the varsity match) this is the oldest inter-collegiate fixture in the country.

On Friday, four teams and the accompanying supporters mounted the coaches. The games to be played: squash on Friday evening, hockey Saturday lunchtime, football lunchtime and, most important of all, the 'Bottle Match' on Saturday afternoon.

In the squash RSM were squarely beaten by a team of lecturers whose Unioncards had long been filed in the archives. The hockey was lost 2-1 and the football, after much ado, was drawn 2-2.

Last, but not least, the Bottle Match. The RSM forwards did a magnificent job against what was expected to be a far superior 'pack'. However on the day, the Camborne 'Warriors' of the 1-8 proved to be only a fair match. The Camborne 'backs' kicked and grunted and though not as talented as those of RSM the fly-half usefully exploited the predicaments in his penalty kicking. The end result was a loss to RSM. Score 15-13. RSM scored two tries and were beaten by penalties in a most annoying fashion.

In the end the day was won by a most vociferous bunch of supporters to whom every player is grateful. They showed the westerners what it was all about.

Roger Bate
Mining 2

A Tribute to the 'Camborne Men'

For 80 years, since 1902
The fine young men of Mines
Have had only one view
Through the courses of time
They have run themselves out

With one objective, the enemy to rout,
"The bottle must be won,"
Has been their rallying cry
Deadly serious — not in fun
And again this year they will have a try.

They fought each other long and hard
They battled trying every trick and card
They scored a try and converted
The other side momentarily diverted
From their course of victory,
But not for long do they have the lead
Mines came back and did their deed.

They took away the ball
And on and on they ran
Oh, please, Oh please, don't fall
The crowd went wild
Oh they cheered to the very last man

One broken foot, one twisted ankle
(But one mustn't let that rankle)
We'll still beat these boys from Camborne
Even if it means we'll have to fight another dawn

That bottle belongs in the Union Bar
In that London away so far
We must win and have it back
Or the 120 will have us on the rack

The RSM has lost this year
They'll drown their sorrow in a beer
But in the future, come 1983
Camborne will have to pay the fee
And we'll have our bottle back —thankee.

Small Ads

- All third year physicists and mathematicians. Come along and meet old students and learn about the Royal College of Science Association. Free sherry! Thurs March 4, 6pm SCR Union Building.
- For sale Honda CD200. Great condition, March 1981. Contact J Ranger, Aero 1.
- Anyone interested in buying a knitting machine, £70 or lower, contact the Union Office on 2232.
- Car hi-fi, AF/FM radio, cassette (CR0₂), 5 channel equaliser, pioneer speakers, £50ono. Contact M. Smith, Elec Eng 2 letter-racks.
- Trilo KD 1033B record deck with grado FCE+1 cartridge £35; also, Sansui SC1330 cassette deck, Dolby metal tape, digital VUs £50. Both vgc with original packing. Contact N. Van Stigt, Elec Eng letter-racks or phone 381-9596.
- Tickets to see The Jam available from Claire Smith, Chem Eng 1.
- Canon AT-1 body £60, case £15; Mitsuki 300mm f5.6, £48, hardly used. Contact Mike Richards, Geology 1.
- Assorted rubberware catalogues, including 'Gasmask Monthly' nos 1-31 inclusive. Contact L. Savage, Elec Eng 2.
- Desperately needed for 2 short plays to be performed at CND Benefit Do (Union Concert Hall, April 30) person(s) unknown to help with make-up, wardrobe and/or props. Enthusiasm and common sense more important than experience. Contact 'Eric' Jarvis ext 1054 or c/o Dramsoc, IC Union.
- Found at Maths Party Jan 15 one grey sweater. If it's yours see Nigel Cryer, Maths Dep Rep.
- Wanted: My scarf! Long blue-grey woollen scarf missing in the Union on Welfare Day. Of little value to you, so I'll consider a ransom. Contact Jon Barnett, Physics 1.

- Lost: 1 pair wellies, wool lined (bleats occasionally). Contact L. Stevenson, Chem 3.
- Girl wanted to share luxury double bedroom in self-contained flat ten mins walk from College, £20pw. Contact Debora Harrell, Life Sci 2.
- BUNAC: Do you want to work in North America this summer? Then come to the Green Committee Room, top floor, Union Building, this Friday at 12:30pm.
- Badgesoc makes badges for anyone, any number, any time, e.g. "Every couple has its moment". Apply Chris Taylor c/o Mech Eng letter-racks.
- Hyde Park Relay Sat Feb 27. Helpers urgently needed. Free sweatshirt donated by NatWest to all volunteers. Details from Cross Country notice-board or Richard Smith, int 4306.
- Imperial College Angling Club trip to Ireland. Written details are available from Dave Kelsall, Rm G10 Chem Eng, int 2594.
- RIP Welfare Week. No flowers by request.
- Sincere thanks to Mr Mee and Mr Arthur. CSK.
- Unemployed zoologist seeking work during termtime, anything considered; shorthand, typing, guitar tuning. Contact S. Pettititit, Rm 68, Weeks Hall (always in).
- Ents Chairman: We want your resignation or your blood! ICKC Soc.
- Keys Cut—Revolutionary shearing method. Ford Transit ignition keys a speciality. Contact 'Uri' Grover, Physics 2.
- Window wanted: Must be complete with glass and frame suitable for Southside rooms. Matt Williams, Mech Eng 1.
- Doreen—Are wallabies to you what hamsters are to other people?
- Urgently required: cans of puppy food, rubber restorer, bags of sweets, train set extras—Luke S., BE2.
- Football Focus: Physics Wanderers 7, Tizard 4. The lads bounced back. PW rule IC.
- Lee P, don't flatter yourself it wasn't that great. Seriously though, you'll be hearing from my lawyers—T.L.
- Scunthorpe rule CK (sic).
- In concert tonight: Rm 6642 Holbein: CK (sic) and the Scunthorpe Band.

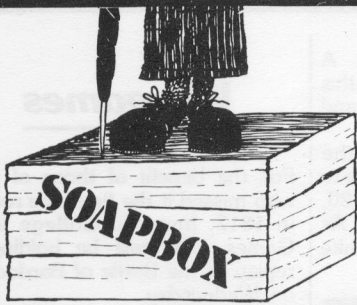
OLD CENTRALIANS



J. Gratwick OBE CEng MI Mech E CBIM
President-elect of Old Centralians Association
Ex-Managing Director of Urwick, Orr & Partners Ltd
Chairman of Empire Stores (Bradford) Ltd
Member of Senate of London University
Past Chairman of Management Consultants Association
Past member of Monopolies Commission
Educated at City & Guilds College (Mech Eng Dept) 1935-39

This man is an Old Centralian—how about you?

For further information contact:
Helen Brookes, Room 303, Sherfield Building,
Mike Richardson, City and Guilds Union Office,
Mechanical Engineering dept.



An Iraqi student has brought me the following article which, for reasons of his own personal security, I have allowed to be written anonymously

IRAQ

Students staged a picket outside the Iraqi Embassy recently to protest against the fascist Ba'ath dictatorship in Iraq. Around one hundred people participated together with members of the Iraqi Students Society in UK (membership of which carries life imprisonment under Ba'ath laws.) The picket is part of a month of solidarity with the people of Iraq on the anniversary of the first Ba'ath coup in February 1963.

The coup unleashed a bloody reign of terror unknown in Iraq. In a few weeks, over 10,000 were killed. Leaders and activists of mass democratic organisations and trade unions were hunted down, tortured and executed. Many were students, members of the General Union of Students in Iraqi Republic (GUSIR). Internationally known leaders of GUSIR such as Abdul Al-Balati, Sahib Al-Merza and Adnan Al-Barrak were tortured to death. Schools, colleges and sports grounds, became centres of interrogation and death. Instrumental in terror was the Ba'athist nazi-style 'National Guard'. The infamous National Union of Iraqi Students (NUIS), as part of the security services, victimised, tortured and killed many students in order to destroy GUSIR.

Only growing popular pressure, armed Kurdish resistance, international isolation and bankruptcy of the Junta ended its bloody rule nine months later.

Today's Ba'athist regime came to power in a coup in 1968. The political apprenticeship of its leaders was served in the 'National Guard' in 1963. It is a capital offence to leave the Ba'ath party, belong to another political party, or conceal previous affiliation (Article 200, 1969 Penal Code).

Mass executions, poisoning by Thallium, racist 'Arabisation' policies, deportation of Kurds and Shi'a moslems (over 60,000 people deported since 1980) are all policies enacted by the present Ba'athist regime under its President, Saddam Hussein. The bloody war against Iran initiated as a chauvinist war of aggression has killed over 50,000 and injured many more.

Saddam's regime has no qualms about torturing and killing even children. Ali Hama Salih, twelve years old was recently tortured to death (Amnesty International report March 5, 1981). Many hundreds of people in Iraq have disappeared without trace and although little is known about their whereabouts, Amnesty International reports provide little doubt that extensive and widespread torture is being carried out in Iraq.

The Ba'ath dictatorship distinguishes itself from other fascist regimes through its export of terror; through assassinations, kidnapping attacks, and intimidation in which the Iraqi Embassy and the NUIS are instrumental.

The latest attack took place on Saturday, February 6, in Birmingham on a member of the Iraqi Students Society UK following a solidarity meeting, at which agents from the Embassy, including one from the military attaché, were identified and excluded. Two days later in Denby, a high velocity air gun was fired at the window of an Iraqi ISS member's flat. These two incidents mark an increase in surveillance and harassment by members of the Iraqi Security Staff, and the nature of them is highly disturbing. One of the fears is that the death lists drawn up by the embassy naming ISS members (exposed by the British press in 1979) will now be acted upon.

MPs sponsoring CARDRI (Committee Against Repression and for Democratic Rights in Iraq) have put down an Early Day Motion in the House of Commons calling for an inquiry into the activities of the Iraqi Embassy. The motion was signed by MPs from the Labour, Liberal and Conservative parties and Plaid Cymru.

Facts about NUIS

1. Formed 1961 by a small group of Ba'athists, NUIS was linked closely to student organisation, COSEC, later exposed as a CIA front.
2. NUIS statutes and policy have never referred to the academic rights of students.
3. Membership of any other mass organisation is punishable by life imprisonment.
4. NUIS is instrumental in the barring of all non-Ba'athist students from education.
5. NUIS has been de-recognised by most British student unions.

Democratic opinion in the UK from all quarters, including students unions, trade unions, MPs and individuals have spoken out against NUIS and the Embassy's activities. It is clear that great pressure must be put on the British government to end the criminal activities of the Iraqi Embassy, particularly since it has recently negotiated a £1 billion contract for an arms deal with Iraq. Such trade only serves to maintain repression and prop up a blood-thirsty regime. The development of trade should not be used as an excuse for ignoring the violation of human and democratic rights in Iraq and the export of Ba'athist thuggery in Britain.

Slugs or Politicians?

by Jeff Fowler

Not many would contest that the reason why ICU is held in such general contempt is the absence of drive, initiative and concern for students that the Exec exhibit. It occurs to me that this could be linked to the reasons they stand for office—the 'up through the ranks of hacks and sideways to the throne' syndrome described by Andrew Lyall. I have a depressing image of hacks scrabbling for campaign issues rather than expounding the changes they see as necessitating their candidature.

Some groups at IC may recoil from the notion of politicizing the Union, but it must be obvious that only those candidates with a co-ordinated range of objectives, and a genuine personal commitment to them, will inject any real life into ICU. I'm not suggesting that we should rush off to express solidarity with the Falkland Islanders, but political issues demand a political response, and on some aspects of government our lack of even a policy is damning. The present government's attitude to construction expenditure should make Civ Eng reach for the bicycle clips, but ICU doesn't even bother with the usual token appeasement on that one.

It should be obvious that even Bill Cortazzi's mob are concerned with some aspects of society in general, which affect us directly, but which apparently do not appear of marginal interest to the current Exec. I hope that this year there will be candidates campaigning on political issues, and that you will tell the other usual crowd of hacks and jokers to get lost, before they tell you to get lost on important matters which affect us all. Politics may not appear to offer as much superficial fun as sex and beer, but over the past years, how much fun have you derived from watching (or understanding not bothering to watch) the antics of UGMs of the slugs we usually elect? Leave Ents and eating faeces to the CCUs where they seem much more able to manage such affairs.

To Serve Us All Our Days

by Robyn Morgan

In FELIX 605, Andrew Lyall, in his article "1982 Presidential Election", put forward a view which is shared by a significant proportion of IC students; "...The normal procedure for electing a Union President relies on candidates who have been "brought up through the ranks" in the Union way of thinking and after the votes have been counted, they take a single step sideways and sit down in the Presidential Chair...." (my emphasis). This idea is most emphatically wrong. The only qualification for a person to stand for any sabbatical post is that s/he can find one proposer and ten seconders and the only way that they may then become a sabbatical officer is to be the most 'popular' (for want of a better word) candidate. It can, and no doubt will, be argued that having had a Union post of some sort makes a candidate more suitable as a prospective sabbatical but it is the students who vote who decide on this and other issues relevant to the elections. Sabbaticals (or, for that matter, any other union officers) are not elected by union 'activists' nor are they elected by the students who do not vote—an obvious point perhaps but one that should be made when only one third of the potential voters actually exercise their vote in sabbatical elections.

To sum up: use your vote to choose the sabbaticals that you want.

THE GUARDIAN Wednesday February 10 1982

Iraqi students warned after kidnap attempt

By Shyama Perera

Iraqi students in Britain who oppose the regime there risk being kidnapped and forcibly returned home by government agents, an MP said yesterday.

Mr George Morton, the MP for Manchester

the Committee Against Repression and for Democratic Rights in Iraq.

Mr Morton, CARDRI's national chairman, said last night: "The attackers were unknown to Mr Hafidh but evidence we have from previous attacks on Iraqi students links them with the embassy. Many have been in the country."

CLUBS AND SOCIETIES

PhotoSoc

Due to the early deadline we can't tell you who won the B&W competition on Tuesday. But we can tell you that the colour competition on March 16 has been cancelled, because the Judge can't come, and we couldn't find another one. Also the lecture on March 9 on Photographic Chemistry has been postponed. The lecturer, Mr Michael Maunder, has transport difficulties and will probably be able to come some time next term.

Finally, one thing which hasn't been cancelled or postponed is next Tuesday's lecture on "the rise and fall of the plate camera" by Martin Russell. You should have read about this in our last article, but just in case you didn't, the lecture will be illustrated with a large collection of historical plate cameras. Mr Russell will also give expert opinions on old cameras which members of the audience may wish to bring along.

This will be a much better lecture than any we had last year, so come early to be sure of getting in. It's in Mines 3-03 at 7:30pm (not 6:30 as stated in the newsletter) and it's on Tuesday, March 2.

ICU Handbook

The deadline for articles for the ICU Handbook is **Friday, April 30**. All contributions to be placed in the Handbook Box on the noticeboard in the FELIX Office.

Ents

Hope you all enjoyed the multitude of recent Entertainments. As you may have noticed we're already past the mid-point of this term, so if you haven't been to an Ents



Next week's Ents film is *Being There*, a highly amusing comedy in which Peter Sellers gives one of the finest performances of his career as Chancey Gardner, a simple man who rises to a position of power through no fault of his own. The story was written by Jerzy Kosinski, who coincidentally stars in *REDS* (see reviews) which opens this week.

event yet time's running out. A few more bands are planned this term, so look out for posters and also our ads in FELIX.

Meanwhile, don't forget the weekly films, next Thursday we're showing *Being There* (ME220, 6:30pm) starring Peter Sellers. As usual the cost is only 50p so make it a date.

Wargames

For the benefit of those of you who missed it the first time round in 1812, Imperial College War Games Club will be holding a replay of the *Battle of Bardodino* on Wednesday.

Will the Russians defeat Napoleon? Will it be a bloodbath? Will Napoleon work it out with Josephine? Or will the end of 1812 be Napoleon's Winter of Discontent?

Confused? You won't be after this Wednesday's meeting of Imperial College Wargames Club.

Spectators and additional players welcome.

Snookered

Not much happened last week. The A and B teams couldn't find any opponents, and the C team had a disaster only beating Bedford 3-2. Once again it was left to Holt to win the deciding frame, which he only just managed.

Andy Hurford brought Stu Calvert's fine run in the handicap to an end when he beat him last week. Calvert has a chance for revenge though, as the two meet in the open very shortly.

You may have noticed that we've had the A and B tables re-clothed. Please take great care when playing Simpkin-type swerve shots, as one hole per year is quite sufficient, thanks.

Bookshop News

List of Titles from Babani Publishing Ltd

- Beginners' Guide to Microprocessors & Computing* - E.F. Scott, £1.75
- Elements of Electronics, 1, 2, & 3* - F.A. Wilson, £2.25
- Build Your Own Electronic Experiments Laboratory using ICs* - B.B. Babani, 85p
- Radio Stations Guide* - Babani & Jay, £1.75
- Engineers & Machinists Reference Tables* - B.B. Babani, 75p
- A Microprocessor Primer* - E.A. Parr, £1.75
- Mobile Discotheque Handbook* - C. Carson, £1.35
- Electronic Calculators Users Handbook* - Babani, £1.50
- Second Book of Transistor Equivalents & Substitutes* - Babani, £1.75

Quote of the Week

From a large bookshop not a million miles from Charing Cross Road, a member of their staff was asked by a customer where he could find Oscar Wilde and he was told that he wasn't working there today!

There are a number of laboratory books now in stock at £1.15 for those of you in need. I am sure these will do until our stock comes in from E.S.A.

A selection of tankards both plain and with IC crest on are on show in the showcase in the counter. Additional letters cost 20p each; for special engraving please allow a full week.

New in Paperback

Pesticide Application Methods - G.A. Matthews, Longman £7.95

Graham Matthews is Reader in Pest Management at Imperial College. The reviewers said at the time of publication "the book we have all been waiting for...Those with professional interest in all aspects of pesticide application, whether in field, orchard, forest, rubbish dump, warehouse or mud hut. This book may be seen as the first truly comprehensive and critical guide to both theory and practice on the subject."



Boredom

.....ive, four, three, two, one, run VT. One thing that's been puzzling me for at least two months now is why does LWT always miss the "F" off the Thunderbirds opening sequence? Since they have stopped screening it and there is no longer any need to get up early on Saturday, I suppose I'll never know.

Apathy

Back to reality now and I thought I would spend a little time telling you about a typical STOIC week.....

Why Bother

- Monday:** Wander into TV Studio and clean the Chairman's boots.
- Tuesday:** Do a little bit of editing.
- Wednesday:** This is the biggie. The day 'Newsbreak' itself is made. All your hard work becomes reality as items are successively placed onto a master tape. Get pissed afterwards.
- Thursday:** Broadcast day. At 1:00 and 6:00pm Newsbreak is broadcast to the Halls and the JCR.
- Friday:** Time to decide what you are going to do next week and who's going to produce it.

Le Weekend: Practise your investigative journalism by taking an outside broadcast crew to cover an event of your choice. (Generally make a nuisance of yourself.)

Repeat the above many times.

With IC Radio

That's all I have time for, for now, but remember you can watch us, watching you, watching us, watching you, every Thursday at 1:00 and 6:00pm.



This mascotry business is certainly on the increase. What fun it is to run about acting like five year olds. I hope that you enjoyed the pancakes served by Guilds at our request, and that you will be attending the Results Barnight on Tuesday to see them in action again. The reason for the Results Barnight is the Elections, strangely enough, so please remember to bring your Unioncards and vote on Monday.

Annual Dinner dates have been finalised at last. It will be at the Kensington Close Hotel on Friday, March 19 at 7:30pm for 8:00pm. The menu features veal, black forest gateau and other exotic foods and cost about £10. Tickets go on sale soon.

See you at the Rugby 7s on Sunday.



City & Guilds

After the tragic loss of Mr Spanner and Mr Bolt a treasure hunt has now started. The trials of all those involved was held yesterday. If you did not think that the punishments were sufficient then you can appeal for the cases to be reheard with stronger punishments.

Itinerary for next week

Sun Feb 27 Ice Skating Trip.
Tues, March 2 Civ Eng Soc talk by the Royal Engineers.

Thurs March 4 Trip to *Pass the Butler* (Buy tickets from the Union Office, £3 each.)

If you wish to stand for any of the posts in Guilds you ought to be thinking about your campaign now. The election papers go up at 9:30 next Friday.

Friday, March 5 for transmission on Sunday, March 7. Those who are likely to be working in either the nuclear or defence industries, as well as anyone who plans to join the armed forces, or anyone else who feels they can contribute, are invited to take part in a studio discussion at Radio London with about thirty other people. Interested parties please contact Nick Bleach, c/o IC Radio (int 3440).

Radio On

To all those interested in taking part in a discussion on 'Students in the Nuclear and Defence Industries'.

The discussion, for the Radio London 'Student Voice' programme, will be recorded on

Design for Social Need

It can be argued that all design for industry is (or should be) design for social need, but in practice there are many real social needs which are not adequately met by private industry or state agencies. These needs include many aspects of design for the disabled, the elderly and infirm, and design for Third World needs. Able-bodied people in 'affluent' western society (such as the unemployed) also have needs which can sometimes be met by design action.

Design for social need is no longer as fashionable as it once was, but has now entered a more realistic professional stage. The speechmakers and the trendy audiences have moved on and the starry-eyed idealists have found that it is by no means an easy option. All the designer's technical, professional, analytical and promotional skills are required and staying power is likely to be needed in full measure if designs are to be manufactured in any quantity at a cost society can afford.

At the Royal College of Art there have been a number of products made up whereby disadvantaged people have had their lifestyles substantially enhanced. One example is the spina bida children's play-car. Another is a set of stretcher/trolleys for epileptic boys which are operated by the patient's own class-mates. A cheap and simple speech training aid suitable for Third World manufacture and use has been favourably reported by *The New Scientist*. An inoculation kit with its supporting icemaker unit which could save the lives of millions of Third World rural children won two major international awards.

Another outstanding project was the egg-packing scheme originally for Zambia, but subsequently taken up by fourteen Third World nations. This resulted in substantially improved nutrition for perhaps millions of people. This project was initiated by the Intermediate Technology Development Group, with product analysis, design and prototype development at the Royal College of Art, and machinery design by Reading University. The machinery was developed and manufactured by a British firm.

Industrial Society

"Psst! Want to see a shipyard, little boy?" said the man in the flat hat and old raincoat. He was none other than Mark Skeates (DoC2), Industrial Soc Visits Manager, inviting me to join the trip to Cammell Laird on Wednesday, March 3. "We leave early in the morning because it's in Birkenhead, Merseyside on the North-Western Riviera, and we want to arrive in time to see the whole yard and talk to unions and management. There are still some places left, so tell all your friends to write to me if they want to go.

What he did not mention is that on Thursday, March 4 at 1:00pm, Sir Walter Goldsmith is coming to Mech Eng 220 to talk about Industrial Democracy. Since he is Director-General of the Institute of Directors, I don't suppose he's a keen advocate of the idea! So do come along with any questions you can think of, for a lively debate.

A very important figure to devotees of City and Guilds College is Sir Kenneth Corfield, Chairman of the Engineering Council, whose decisions and policies directly affect you. That's besides being Chairman of STC, major contractor to British Telecom, so drop in on Chem Eng Theatre 1 at 6:00pm, Tuesday, March 9, to find out about Engineers in Industry.

SF Soc

One of the great comedy films of the past ten years comes to College on Tuesday. *The Big Bus* (THE BIG BUS) is the story of a technological marvel. The world's first transcontinental nuclear powered bus sets out across North America, but the passengers are unaware as they lounge in the swimming pool, relax in the cocktail bar, or have a game of ten-pin bowling that there is a saboteur aboard with a bomb. When I saw this film at the cinema I laughed myself silly. Turn up at Mech Eng 220 on Tuesday at 6:30pm and witness a film that knocks *Airplane* in to a cocked hat.

Literary noted: Roderick by John Sladek, the book that inspired the informal lecture on robots that he gave at College some while ago is out in paperback, and it's the best thing he's ever done folks.

For the nth week running SF Soc Bulletin contains no laughs. I'm sorry for this, and can only say that the last film we showed was hilarious, the next one is very funny indeed, and the one coming up in a month's time is also extremely amusing. So if you want to be entertained go and see them or read Roderick. Yours drained of inspiration.

Francesco Ragoczy and the Collector

A 'Design for Social Need' week with lectures by practical experts in the various subject areas is held annually at the Royal College of Art, and this year commences on Monday, March 8. Most of these lectures are open to professional practitioners and serious students from other Colleges. There is no charge, but please remember that we are working a very limited budget and very limited time allocations. If you wish to attend please send a stamped addressed envelope to Len Wingfield, Royal College of Art, Kensington Gore, London SW7.

Those with special needs e.g. wheelchair access, hearing problems, etc., should contact the RCA Student Union (584-5020) who will do their best to help.

Design for Social Need 1982 Lecture Module

Monday, March 8, 11:00am, Main Lecture Theatre

"The realities of designing for social needs" (Introductory) Len Wingfield, RCA Industrial Design Engineering Tutor.

Monday, March 8, 2:30pm, Main Lecture Theatre

"Appropriate Technology—experience and developments" Professor Warren Adams of the Intermediate Technology Development Group.

Tuesday, March 9, 11:00am

Visit to Disabled Living Foundation, 346 Kensington High Street, London W14 (RCA ID & IC Eng students only). Others arrange visits direct with the Foundation (tel 602-2491). Cost £2.50 per person.

Tuesday, March 9, 2:30pm, Main Lecture Theatre

"Projectwork for Queen Mary's Carshalton Unit" Bill Bond, Chartered Engineer, Director of Unit.

Wednesday, March 10, 11:00am ID Lecture Room

"Design and ergonomics for the disabled" Russell Manoy, Consultant Designer and Ergonomist.

Wednesday, March 10, 2:30pm

"Children's traction devices" (or similar topic), Russell Manoy (ICST/RCA ID Eng Courses Case History).

Friday, March 12

Department of Cultural History Events, Mike Cooley, etc. (RCA students only).

The *Main Lecture Theatre* is in Common Room Block, Jay Mews. The *ID Lecture Room* is in Darwin Building. Wheelchair access via back entrance (Jay Mews) goods lift.

Reviews

Theatre

Arms and the Man by Bernard Shaw. Directed by Jonathan Lynn. The Lyric Theatre, Shaftesbury Avenue.

Shaw's comedy takes place in a certain Major Petkoff's house in Bulgaria in the 1880s. It is a time of war and the Bulgarians have just won a victory over the Serbians, thanks to the daring of a dashing young officer, Sergius Saranoff, most captivatingly played by Peter Egan. But the real hero turns out in the play to be a Captain Bluntschli, a Swiss mercenary played by Richard Briers who carries chocolate creams in his pockets instead of bullets and is more keen on saving his own skin than seeking heroism. The two characters get tied up in an amorous tangle with the Major's daughter, played by Alice Krige who stars in the recent film *Ghost Story*. The result is a delicious comedy that exposes the illusions of warfare, love and romantic idealism. *Arms and the Man*, full of Shaw's inimitable mischievousness, deservedly remains one of his popular plays.

The play's earliest days make interesting reading. The opening night in 1894 was a huge success, but to Shaw's uneasiness the audience laughed hysterically throughout the play. He took a curtain call, one of the rare times he did, and amid the rapturous applause he was greeted by a solitary loud "Boo" from a malcontent in the gallery. Shaw turned in his direction and said, "My Dear fellow, I quite agree with you, but what are we two against so many?" Shaw had the bizarre experience of witnessing an apparently absurd success, his wit so diverting his audience's thoughts away from the play's more serious content that it had been misunderstood as a mere farce. (One



Peter Egan and Richard Briers in a scene from Shaw's *Arms and the Man*

is reminded of Oscar Wilde where there is usually something in each of his plays that might have sent the audience out thinking if he hadn't seemed to prefer to send them out laughing). However, not everyone was amused. To many upright Britishers the play was a 'damning sneer at military courage'. It is reported that the play offended the Prince of Wales, later to become King Edward VII, who was alleged to have muttered during the performance that the author "must be mad".

The present production at The Lyric is supported by a strong and very amusing cast. However, I have to admit that like the play's first performances, the element of farce in this

production, and much of it is of a visual nature, is a little too dominating. The director of the play, Jonathan Lynn (co-author of the BBC comedy series *Yes Minister* and director of *Pass the Butler* at the Globe Theatre) has perhaps not quite applied all the discretion that is necessary. Unless a play is a farce *per se* as in the excruciatingly funny *Can't Pay? Won't Pay!*, it should be subjected to a sparing amount of farce, as a meal is to a herb or spice. The Lyric production is neither outstandingly funny nor particularly thought-provoking, but having said that, the play still provides a very entertaining evening!

Nick Bedding

Skirmishes by Catherine Hayes. Directed by Tim Fywell. Hampstead Theatre.

My first trip to Hampstead Theatre, one of London's most enterprising theatres, produced a few surprises. First of all the theatre is *not* in Hampstead but next to Swiss Cottage tube station. If you emerge from the depths of Hampstead underground station (as I did) there is a very long walk down the hill to Swiss Cottage. In addition, this renowned theatre turned out to be no more than a small 'prefab', bereft of a dignified frontage. But what are mere appearances? A theatre to keep your eye on, it was the home of the immensely successful *Translations*, which is now in repertoire at the National's Lyttelton Theatre, and was voted Best New Play of 1981 by the London Theatre Critics.

Skirmishes is by Catherine Hayes, a young teacher in Liverpool who started writing only in 1975. It studies the relationship between a dying mother and her two daughters in a humorous and harrowing way. An amazing amount can be pieced together in the mere eighty minutes' duration of the play. Jean (played by Frances de la Tour who here takes on her first stage role since her award-winning performance in *Duet for One*) is the sister who has been left to look after the dying mother (played by Anna Wing). She is isolated, infertile, morosely funny and just about manages to survive on a withering marriage. Rita (played by Gwen Taylor) is the sister who got away. She uses her family and her general business to maintain an arms-length compassion.

The play does not indulge in moral gloom but rather is full of humour and dignity. The dialogue does lack subtlety in one or two places but is nevertheless expressive about the unfairness of life and pokes a guilty finger at those who arrive just in time for the last rites. A lot of the play's strength comes from its recognisable realism, as such scenes are continuously being enacted all over the country.

The play ends mid-March and seats and standbys are modestly priced.

Book

The Penguin Book of Political Comics, compiled by Steef Davidson, £5.95.

This is a disappointing book for several reasons. First, the cartoons are so badly printed that it's often difficult to read them. This isn't all Penguin's fault, the original comics probably weren't very well produced, but it is Penguin's fault that a lot of them are printed much too small. Second, roughly half of the cartoons are foreign (Steef Davidson is Dutch) with footnotes providing a translation, but they're tiresome to read. Third, too much space is taken up by Steef Davidson's generally boring and pretentious commentaries. He takes the cartoons far too seriously and attaches too much significance to them, presumably to gratify his self-importance. Some of the statements he makes are silly and pompous for example: "...the political comic strip has come into its own as a mature

genre.....the political press follows the general pattern of visually oriented culture, which in turn reflects the social conditions under which we live." Davidson has unfortunately assumed that people will be as interested in the history and ideology of the cartoons as they will be in the cartoons themselves. So there are pages and pages telling you what the *Fédération des Etudiants Révolutionnaires* was doing in 1968 and so on, all boring. The only interesting piece is an account of the birth of the Comics Code Authority, set up in 1959 by the American comics industry to appease the McCarthyites.

The cartoons themselves are a very varied collection, going from 1913 (anti-strike breaking) to 1975 (fall of Portuguese dictatorship).

According to Davidson...."comic strips are an ideal medium for the spreading of ideas...." but it depends what you mean by 'ideas'. Nearly all the cartoons are crude propaganda, the only idea they try to spread is merely 'we are absolutely right and our enemies are wrong'. (Most of the 'baddies' are shown as looking ugly and sinister, while the 'goodies' always look handsome and intelligent.) Very few of the cartoons are designed to make you think. The title of one cartoon sums up the atmosphere of the book: "Donald Duck: The truth the bourgeois comics have repressed". It's a sort of Death-to-Imperialists ideology lightened with some self-parody. On the whole the book is poor, with too few good cartoons (like one by Ron Cobb) to break the monotony.

N. Willson

Film

REDS Certificate AA Starring Warren Beatty, Diane Keaton, Jack Nicholson.

The cinema epic has all but died since the days of *Doctor Zhivago* and *Lawrence of Arabia*, but Warren Beatty's *REDS* (which opened yesterday) marks a return to that era.

The story of John Reed, an American writer who witnessed the Soviet Revolution and recorded his experience in his book *Ten Days That Shook The World*, has obsessed Beatty for many years. His screen adaptation of Reed's life and love for radical feminist Louise Bryant (Diane Keaton) is set against the backdrop of the upheavals in Russia and America, which provides a fascinating subject in a long and stylish film.

Reed meets Bryant in Portland Oregon in 1915 when he is a journalist working on matters of social injustice. He soon becomes involved in both politics and with Bryant, who he takes to New York to join his intellectual friends in Greenwich Village. They soon marry despite Louise's involvement with playwright Eugene O'Neill (Jack Nicholson). John Reed's political activities eventually throw them apart but they are reunited when he takes his wife to Russia and they witness the Soviet Revolution at first hand.

Beatty has chosen an unusual approach to his topic; the story is introduced and interrupted by interviews with "the witnesses", friends and acquaintances of Reed and Bryant who recount gossip and stories from that era. These old faces remain irritatingly un-introduced, and include Rebecca West, author Henry Miller, Lady Dora Russell and many more beside. They add a personal reality to the story and tend to serve as links between a series of fractured events. Whilst this technique works quite well, I can't help feeling that the faces really should have been identified.

Beatty is convincing as Reed and his obsessive love for Louise Bryant was matched by a romance off screen with Diane Keaton during filming. The screenplay centres on the

relationship between Reed and Bryant and thus both lead characters. I found Diane Keaton a great disappointment, frozen into her single screen persona and almost incapable of expressing a convincing range of emotion. Apart from this the casting is very strong; Jack Nicholson turns in another great tight-lipped performance as Eugene O'Neill, Maureen Stapleton shines as the cynical Emma Goldman and author Jerzy Kosinski (who wrote *Being There*) is suitably grim as the fanatical Bolshevik leader Zinoviev. These characters play out their roles amidst the confusion and excitement of the time. John



Reed eventually founds the American Communist Labour Party and goes to Moscow for recognition, where he is prevented from returning to America. Separated from his wife, he attempts to escape and is eventually reunited before his premature death at the age of 32.

Reed was indeed an interesting man and Warren Beatty has used his life to produce an entertaining and informative film.

TAPS



Cert A. Starring George C. Scott and Timothy Hutton. Directed by Harold Becker.

When a military academy steeped in 140 years of tradition is informed by the powers that be that it must close so that the land can be developed for real estate, it is time to fight back. When the General commanding the school is removed from the scene by heart failure, leaving the senior cadet in charge of the academy, the resulting situation is, if you'll pardon the expression, explosive.

Timothy Hutton plays Brian Moreland, the cadet left in charge when General Harlan Bache (George C. Scott) is rushed into intensive care. Moreland, anticipating the immediate closure of the academy, organises the seizure of the armoury. Thus armed, the cadets seal the perimeter and prevent access to the grounds using armed force. The authorities are unwilling to listen to their demands for reconsideration of the closure, and a siege results.

The success of the film rests largely in the way that tension is built up and sustained during the course of the siege. The point of view is constantly and cleverly flipped so that our sympathies alternately lie with Moreland, for sticking to his principles and his ideal of "honour above all", or with Colonel Kirby, the National Guard colonel sent in to defuse the situation, who is terrified that he might have to order his men to open fire on what is essentially a bunch of schoolkids.

The characterisations are very strong, although there is just a touch of stereotyping with the characters shown, the overzealous militaristic type, and Alex, Moreland's roommate and sometime conscience. These two characters are presented as the principal opposing influences on Moreland's thinking, and in places, this is in danger of becoming a touch clichéd. In the end though, the acting carries the day, and the character clashes within the ranks of the cadets are as interesting as the clashes with the troops outside.

The result is a film rich in tension, ideas and excitement. Will the National Guard be ordered in? If so, will the cadets open fire on them? Or is there some other way out? See it and find out.

Dave Jago



This page: (top right) George C. Scott as General Harlan Bache in *Taps* (centre) Warren Beatty is reunited with Diane Keaton in *Reds* and (above) Timothy Hutton inspects some of the cadets who seize a military academy in *Taps*.

SPORT

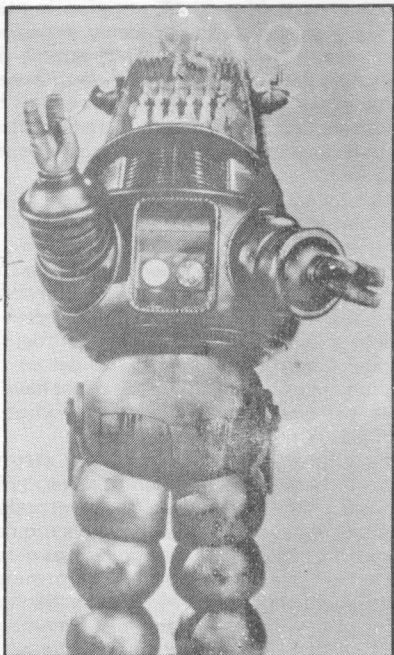
It is rare that a place like IC gets a chance to host the debut gig of an important new band, and even rarer for a band of the quality of Weekend. It's a pity, then, that more IC students didn't turn up on Wednesday night; although there was a reasonable crowd, a fair proportion of these were outsiders.

The last thing Weekend want is to be compared to the Young Marble Giants, although with two-thirds of that band being featured in Weekend they may have some difficulty in avoiding it at first. Alison Statton's vocals are as sublime as ever — more confident if anything. She certainly seems much more self-assured and relaxed on stage than she used to be. The lead guitarist plays in a beautiful melodic style, largely African influenced, which blends nicely with the vocal line. The use of percussion, addition to drums, provides a good varied rhythmic background. Some of the numbers use hams; Harry Beckett, the trumpet player, is well-known in jazzy circles, but seems a little misplaced here. Larry Stafford, on the other hand, blends with the style of the band very nicely. This is the more surprising because Larry normally plays only free form and avant garde jazz.

The band seemed a little tense and restrained, although with the hype and the high expectations surrounding them this is hardly surprising. They played a secret warm up gig at the Rock Garden a few days previously, at which they managed to put more bounce into the music. Hopefully this will reappear as soon as they settle down to some regular gigging.

The most apt description of the music would be melodic and quietly exuberant. Probably the best compliment paid them was that the concert was attended and enjoyed by several people who don't listen to and don't like rock music. What more can you say?

Dave Jago



The H.G. Wells Society will be screening the fifties science fiction classic *Forbidden Planet* on Monday at 7:30pm in the Sutton Lecture Theatre, Mines Building. The film is based on Shakespeare's *The Tempest* and includes a fine performance by Walter Pidgen as Dr Moebius, as well as an innovative electronic sound track. It is notable for the introduction of Robby the Robot, one of the screen's most celebrated mechanical inventions.

Wednesday, February 17

Football		
IC I	vs	UC I 0-1(A)
IC II	vs	UC II 3-2(A)
IC III	vs	UC III 3-1(A)
IC V	vs	Barts II 6-1(A)
IC VI	vs	UC IV 6-1(A)
Rugby		
IC I	vs	QMC I 18-6(A)
IC II	vs	QMC II 6-6(A)
Hockey		
Ladies	vs	UC 4-5(H)

Saturday, February 20

Football		
IC II	vs	UC III 0-1(A)
IC III	vs	UC II 1-2(A)
IC IV	vs	RHC II 2-3(H)
IC V	vs	RHC III 8-1(H)
Rugby		
IC II	vs	Old Freemans II 20-0(H)
Hockey		
IC II	vs	British Airways 3-1(H)

Hyde Park Relay

Saturday sees the arrival of Imperial College Cross Country Club's annual spectacular, the Hyde Park Relay. Teams travel from throughout the UK and across the Channel to participate in this event, including entries such as Chris McGeorge and Christina Boxer, both 800m champions, together with Sebastian Coe running for Loughborough University.

In all there will be more than 120 mens teams and 40 ladies teams, along with 10 foreign teams competing. The race is over a fast course with six legs of three miles for men and four legs of two miles for ladies.

After the race, prizes will be presented by Dr A. Watts, a founder of the event, to the best foreign team as well as the best home men's and ladies' teams. Following the presentation in the JCR there will be a party and disco (with bar) which is open to everybody, offering a chance to take advantage of the day's activities.

Course markers and other helpers will be needed throughout the day and there is a free sweatshirt if you give us a hand on the day.

For times and other details see Cross Country Club officials or the noticeboard in the Union Building.

Water Polo

Last Monday night was the occasion of a crushing defeat for the Water Polo Club at the hands of Penguin I, a national league division I team. Despite some aggressive swimming on our part, they put away 15 goals to our 3.

The following night, however, saw us on winning form as we inflicted a 5-3 defeat on St Bart's Hospital. This was a somewhat turbulent match during which Last, never

the most subtle of players, was twice sent out for over-enthusiastic fouling, and Garton was also removed for rather obvious knuckling of the opposition.

Leach put about six shots in the general direction of the Bart's goal (one of them even went in), but the miss of the match award went, yet again, to Ashwin, who put an impressive shot at least five feet over the bar and almost into the spectator's gallery.

On the rare occasions when we got our game together we scored a few goals, which came from Garton, Casini, Ashwin and Leach, but in general, we played a poorly organised game, and the only remedy for that is more Fosters.

Team: Ashwin (Capt), Burnett (goalie), Casini, Dibden, Edwards, Boucher, Garton, Last, Leach.



Rugby

Seconds

The second team set off again, map and compass in hand under the intrepid leadership of the returning collapse-a-capt.

The game started badly with the Chem Eng 1 contingent suffering from the previous evening's antics in Stan's. Our glorious captain inspired us to a 6-3 deficit by half-time which we attribute to his lovers tiff with Chris Cole. In a tense and gruelling second half, Mark Hudson kicked us back level. Mick Windsor then pulled his hamstring and had to retire leaving Noddy to step into the breach, playing with the grit of a prop forward, which was pretty unfortunate since he was meant to be scrum-half. The score remained even though Mark Simmons received concussion and a broken jaw in a last-ditch tackle, and Marc Hudson just missed a penalty from our own half.

Tired and sleepy we wound our weary way home, seemingly only days later reaching the comforting lights of toytown and bobos.



Hockey

Ladies

Having discovered that a WO had been declared over St Mary's (League) and that a 'friendly' had been arranged against UCL, half the team decided that they didn't want to play. Caroline (alias Cap'n Birdseye) reckoned that our bodies needed exercise, despite the fact that a few of us have been 'getting it' fairly regularly lately.

Playing with two UCL players, 'cos there were only eight of us, we managed to score the first goal. Contributions came from Alison C. (6%), Sara (10%) and Karen (84%). However, Alison later managed to notch up a hat-trick of misses. Luckily, some of the team had been to the opticians recently, and this resulted in Sara, Alison L. and Alison C. managing to find the goal with their shots.

After the final score of 5-4 to them, we retired to the changing rooms. When we discovered that Caroline was going to have a shower, the rest of us decided that the quicker we get to the bar, the better.

Team: Alison C. Alison L. Alison W., Sara, Karen, Caroline, Melanie, Ruth R.



Hockey

THE CASE AGAINST BRITISH AIRWAYS
"You are charged that on the afternoon of Saturday last you and your team contrived to play the worst thirty-five minutes of hockey seen for many years and yet still had the impudence to lead 1-0 at half-time. Do you have anything to say for yourself?"

"Well your honour, we were totally overawed by the occasion. To play against IC at Harlington is every pilots dream and....."

"Silence! We will move on to the circumstances of your goal. Is it not true that you had so many attempts to put the ball in that the IC Captain was moved to throw a wobbly at his defense."

"I'm afraid so your honour. I apologise for any undue suffering we may have caused."

"That's all very well young man, but did you not proceed to play equally badly throughout the rest of the first half, further demoralising the IC team who were totally incapable of scoring."

"We did let them score three times in the second half your Lordship, the first being a magnificent goal by Stroomer, with Rhodes setting up the other two for Mitchell and Wylie."

"Groveling will get you nowhere you pathetic little creature, I've a good mind to sentence you to two seasons hard labour on the Old Creightonians potato patch."

"No! Please! I'd rather play against the team of Pete Sharpe's."

"Well, on this occasion I am prepared to be lenient; you are to leave this court and spend the rest of the season in the very darkest depths at the bottom of the League."

British Airways—We took more care of them!

Team: *Butler, Jones, Bird, Whitehead, Sharpe, Shindler, Witter, Stroomer, Rhodes, Wylie, Mitchell. Umpire: Gray.*

Rifle & Pistol

Celebrating his return to form, club hotshot Steve Harrison notched up another 97 to complete an outstanding year with an average of about 85.

Increasing attendance by female club members caused near-hysteria amongst the hierarchy of the committee, notably Denis Sleath (club captain, contact via Mech Eng letter-racks) who was observed quietly drooling in the corner during quiet periods.

In the evening Denis made further advances to members whilst under the influence of food and wine at the annual club dinner held in a discrete bistro in South Kensington. In a short but moving speech he expressed his desire that the club would prosper under new leadership next year.

Unfortunately Tim Higg's continuous chatter rather took the edge off this "gushing verbal torrent".

Sunday's trip to Bisley should provide further entertainment for participants.

Team: *Sleath, Harrison, Smith, Higgs, Helen of Troy, Sarah B., Michelle, Kev, Denk-al-Alam, Tony Briers, etc.*



Football

Fifths

In some recent studies I have shown that the preparation of a win takes place in three steps:

$$\text{Opponent} + \text{ball} \rightleftharpoons \text{ICV} + \text{ball} - (1)$$

$$\text{ICV} + \text{ball} = \text{goal} - (2)$$

$$\text{Opponent} + \text{ball} = \text{goal} - (3)$$

In my latest study, the opponents being Royal Holloway College III, the equilibrium in (1), for the first forty-five minutes was far to the right-hand side due to hard work and good running. Consequently, step (2) was dominant and was catalysed effectively by a complex known as Dave Stephenson, the half-time score being 6-0. In the latter stages of the reaction, the equilibrium in (1) was moved to the left-hand side by Phil Niccolls and the catalyst for reaction (2) was poisoned due to the thought of two jugs (3 goals + 1 jug of beer). However, step (3) was inhibited by a strong and resourceful defence and only one goal was scored, and this was due to the keeper's open legs. The reaction was finally terminated by the referee's whistle.

Further studies are under way and will be published soon.

Acknowledgment is made to *Nick, Nigel, Dave, Mark, Satish, Bobby, Nick, Keith, Dave, Andy, Steve and Phil.*

Swimming & Water Polo

Despite a variety of difficulties the team, bar Nick Last, arrived in Bristol in time for the match. The benefits of training had obviously been spoilt by some activity the previous night (Links Carnival?) for we didn't get a single first in any race. Wendy Moore managed two second places in contrast to the rest who were consistent, if not fast, and frequently occupied the minor places in the races.

Scores:

	Men	Ladies
Bristol	76	86
UL	62	—
Imperial	32	57

Team: *W. Moore, J. Campbell, F. Lye, N. Hammond, R. Leach, J. Boucher, R. Boucher, G. Singleton, B. Ashwin.*

In the water polo match against Bristol we had our reputation shot to pieces in a 17-3 thrashing. The swimming match may have tired some of our players, but we were completely outclassed. Consolation goals came from Max Casini (2), and Jim Boucher. The rest of us weren't really concentrating on the game; Paul had a go at all-in wrestling, Chris used his best Anglo-Saxon words in conversation with the ref, and Rich casually swam from end to end occasionally admiring the way Martin picked the ball out of the net.

Team: *R. Leach, C. Garton, J. Boucher, B. Ashwin, M. Casini, P. Edwards, M. Burnett, J. Dickinson.*



Sailing

After a notable absence, the team were back at the Harp on Saturday.

City were the first opposition, and after a somewhat dubious gate start, gave Imperial 2, 3, 4 at the windward mark. On the first offwind leg, Mills managed to catch the leading boat and forced him to let Kennedy and Bennet through at the wing mark, albeit with one or two minor collisions. The race finished with Imperial in a commanding position and City conceded the race.

After a confusing incident in the second race, it was decided to restart it to avoid bad feelings and a fracas with the opposition. Unfortunately Imperial lost this race and the next, thus losing the match 1-2.

After a break for lunch (etc.) the introduction of a UL ladies crew revitalised the team for their performance against Sussex (or was it just Graham wanting to show off his neoprene?). By the end of the first windward leg, Imperial had a commanding 1, 2, 6 and finished in these positions. The second race started with Sussex on the gate. After a disappointing first beat, Imperial were 2, 3, 6 at the windward mark. However, during the offwind legs, Mills and Kennedy closed the gap between them and the leading boat and with excellent team racing during the final beat managed to push the Sussex boat to third place. Imperial thus won 1, 2, 6 and to everyone's surprise Redman managed to keep out of trouble at the back of the fleet in both races.

Team: *Bennet, Butler, Kennedy, Mills, Redman, Younghusband.*



Rugby

Seconds

The day started at the unearthly hour of 9:45, when despite the Carnival, most people arrived on time, though some were obviously still feeling the effects of drink. This and the fact that we were only given ten minutes to change led to a very slow start by IC. Soon the pack, with C. De Rohan making his debut and our collapsible captain, Bell, began to take control. It wasn't long before Ralph scored from a five yard (1.5 metre) scrum. This was how it remained until half-time when the oranges seemed to wake everybody up. There then followed a number of fluent moves, with Noddy appearing everywhere. This resulted in four tries of which two were especially good as everybody had a hand in them. The tries by Nic Brummel, Alastair Davies, Jose Paxâio and Marc Hudson were all in the corners and so left Marc with little chance of converting them. Thus the final score was 20-0.

Then it was down the pub and back in time to watch England try to play rugby.

Team: *M. Hudson, A. Davies, N. Brummel, W. Chapman, O. Miles, M. Thompson, J. Paxâio, S. Bell, C. De Rohan, P. Bateson, D. Bradley, M. Jackson, P. Hughes-Narborough, A. Ralph, B. Hinners.*

Editorial



Sabbaticals!

The publicity for the candidates standing in the sabbatical elections will soon be filling every available space in College. The Hustings UGM next Thursday (1:00pm Great Hall) is usually the best UGM of the year. Take this opportunity to investigate the candidates, ask them questions and sort out the time wasters from the good candidates (if there are any!).

A special FELIX insert will be published next Friday containing election manifestos. These are usually good for a laugh, but be careful that

you aren't fooled by overblown claims or stupid points.

RCS Elections

Confusion seems to have arisen following yesterday's RCS Hustings UGM. Several people have told me that Miss Moira Yarston, who is standing for RCS President, claimed to have been Aberdeen SU President. However, she has since approached me to reassure people that she did no such thing. I can only assume it was a slip of the tongue or bad inference which gave people this impression, so don't let it influence your decision in any way (voting Monday).

Erratum: Due to blind panic by the SF Soc Secretary the date of *The Big Bus* given in the SF Soc article should be a week on Tuesday

Credits

Many thanks to Peter, Soheel, Martin S., Lesley, Dave J., Steve, Ralph, Jill, Dave R., all the collators (especially Jez, Mo, Soheel, Jon and the Guilds mob who helped me late last week).

A special thank-you to Frances, who normally helps Paul deliver and who managed by herself last week.

• **A Lecture** by Dr C. Wright, Head of Taxonomic Research on 'Numerical Taxonomy', 1:00pm, Botany Basement.

• **Mopsoc lecture** 'What is Science?', 1:10pm, Physics LT2.

• **Dept of Humanities presents:**

1. Films: *The Private Life of the Starling*; *The Private Life of the Great Crested Grebe*, 1:15pm, Read Theatre.

2. *The Origins of Astronomy*

Pt 3. Copernicus and the Downfall of Ptolemaic Astronomy, Emeritus Professor G.J. Whitrow, Senior Research Fellow, Imperial College, 1:30pm, Pippard Theatre.

• **IC Amnesty group meeting**, 5:30pm, Green Comm Rm.

• **Met & Mat Sci society lecture** 'Fire and Explosives' by Dr K. Guban, 6:00pm, RSM G20.

• **3F's French restaurant trip** to New Maple Grill, Victoria, meet 7:00pm, Southside Bar.

• **Dancing club beginners' class**, 7:30pm, JCR.

• **ICCAG Soup Run**, 10:30pm, Falmouth Kitchens.

Wednesday, March 3

• **Wargames club meeting**, 1:00pm, Union SCR.

• **Anti-Apartheid meeting**, 1:00pm, Union Upper Lounge.

• **Astrosoc meeting**, 3:30pm, 'Waveguide', Physics Building (Level 1). Free to members.

• **IC Trampoline society meeting**, 5:30pm, Courtauld Hall, QEC, Campden Hill Rd.

• **Dancing club intermediate class**, 7:30pm, JCR.

Thursday, March 4

• **Scout and Guide club meeting**, with Richard Turnbull of Alpine Sports talking about his expedition, 12:30pm, Mines 303. All welcome.

• **STOIC presents News-Break**, 1:00 and 6:00pm, usual places (see Tuesday).

• **Overseas students lunch**, 12:30pm, Rm 703, Mech Eng. Free. Informal lunch and entertainment provided by Mech Eng Christian Union bible study group. Everyone welcome.

• **Christian Science group meeting**, 1:00pm, Seminar Rm, Level 2S, Botany.

• **Industrial Society presents** Sir Walter Goldsmith speaking on Industrial Democracy, 1:00pm, Mech Eng 220.

• **Gliding club meeting**, 5:30pm, Aero 254.

• **IC Latin American Society** presents a film: *The Mexican Frozen Revolution*, 6:00pm, Union Upper Lounge.

• **Ents film** *Being There*, 6:30pm, ME220, 50p.

• **Sherry Party**, 6:00pm, Union SCR. Sherry party for all third year mathematicians and physicists to meet old students and learn about the Royal College of Science Association. Free.

• **Dept of Humanities presents**

Lunch-hour concert with Penelope Roskell (piano), 1:30pm, Music Room, 53 Princes Gate. Sponsored by the Winston Churchill Memorial Trust.

SCARAMOUCHE

After Captain Birdseye, the Domesticated Secretary of Primelia College, had stood and counted all the people visiting 'Meet PC' he decided to get a more detailed breakdown of their number. Amble, Bumble, Crumble and Drudge were each in charge of a stall, and the good Captain asked Amble how many visitors each of the four stalls had had.

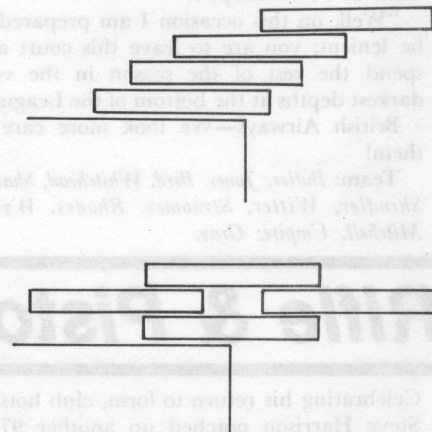
"Well," replied Amble, "the product of the four numbers is 270. No stall had fewer visitors than mine, and each of the people visiting the exhibition came to just one of our four stalls."

"I'm afraid you haven't given me enough information," retorted the Captain after a little reflection, "I can't even deduce the four numbers, let alone which number belongs to which stall."

"You're quite right, I haven't given you enough information; let me also say that the difference between the numbers of Bumble's visitors and Crumble's visitors is at least as large as the number of people who did not visit Bumble's stall."

But this was all too much for Captain Birdseye, whose stomach was recalling a particularly choppy night on the Isle of Wight ferry. But that was his own fault, as Amble had now given him enough information to deduce the numbers of visitors to each of the four stalls. How many?

Solutions, comments, criticisms to me at the FELIX Office please. A prize of £5 (donated by Mend-a-Bike) for the correct solution randomly selected at 1:00pm on Wednesday.



Last Week's Competition

About a dozen entries, only one correct despite the warning that it was an engineering problem. Scores of people gloatingly told me that the problem is done as a worked example for physics first years; none of them seemed to appreciate that the physicists' method is a general method which extends to an arbitrary number of dominoes. When you are restricted to a fixed number (four, in this case) a little ingenuity carries you a long way — a quarter of an inch, to be exact.

The physicists' method as shown in the first diagram gives an overhang of $2\frac{1}{12}$ ". The better method (second diagram) gives you $2\frac{1}{3}$ ". Paddy Andrews, Mech Eng 3 can collect his cheque on Monday afternoon, since his diagram was the best submitted. Amazingly, for an engineer, his calculated overhang was correct, although the calculation itself was wrong.

What's On

Friday, February 26

• **Anti-Apartheid picket** of RTZ. See Careers noticeboard. Also on Monday, March 1.

• **Socialist Society bookstall**, 12:30-2:30pm, Junior Common Room. Books and Campaign Coffee for sale.

• **IC Angling club meeting**, 12:30pm, Southside Bar Lounge.

• **BUNAC meeting**, 12:30pm, Green Comm Rm.

• **Supplies to Poland**, 12:45pm. Meeting for people wanting to travel to Poland.

• **Mopsoc Annual Dinner**, speaker Prof New, 7:00 for 7:30pm. Tickets £5.50 from Mopsoc officials.

• **Soup Run**, 10:30pm, Falmouth Kitchen.

Saturday, February 27

• **Cross Country Club**: Hyde Park Relay, start 2:30, Rotten Row. Spectators and helpers welcome.

Sunday, February 28

• **West London Chaplaincy communion service** Preacher: Alan de Grys, Chaplain to Westfield and Bedford Colleges, 10:00am, Consort Gallery. Followed by meditation workshop.

• **Cross Country Club**: Handicap race, Richmond Park. Competing for the Petersham Cup. All members are invited to attend.

• **Wargames club meeting**, 1:00pm, Union SCR.

Monday, March 1

• **Hang-gliding club meeting**, 12:30pm, above Southside Bar.

• **Badgesoc meeting**, 12:40pm, Southside Bar Lounge.

• **Free lunchtime consort**, 1:00pm, Consort Gallery. Programme includes: Stravinsky: Symphonies of wind instruments; Weber: Andante and Hungarian Rondo. Soloist Cheh-ngee Goh.

• **Socialist society general meeting**, 6:30pm, Green Comm Rm.

• **Dancing club advanced class**, 7:30pm, JCR.

• **Rag Meeting**, 5:45pm, Union Upper Lounge.

Tuesday, March 2

• **Boardsailing club meeting**, 12:30 and 6:15pm, Southside Upper Lounge.

• **Catholic mass and lunch**, 12:30pm, Chem 231. Nominal charge for lunch.

• **Riding club meeting**, 1:00pm, Rm 1009, Elec Eng.

• **STOIC programme**: Live debate between ICU Presidential candidates, 1:00pm, JCR, Southside TV Lounge, Southside, Beit, Weeks and Linstead Halls.