



Founded in 1949

The Newspaper of Imperial College Union

Aaaaaaaarrrrrrrrh!!

Thursday's Union General Meeting was stopped after less than half an hour, when the quorum was successfully challenged by Stephen Goulder. As a result of the repeated inquoracy of UGMs, Liz Lindsay is setting up a new working party, which she hoped would contain Owen Greene, Steve Goulder, William Cortazzi, and Mark Clegg, to investigate methods of promoting the attendance at such meetings. These people had complained about the Executive's performance, and the running of the UGM at the meeting.

The meeting opened at 1:05pm to a less than half full Great Hall. After the minutes of the last meeting were accepted, Owen Greene moved that the order of business be changed to place the motion on nuclear disarmament immediately after the President's report, so as he and others could go to a nuclear lecture that was also given last term. This was voted on, but as the result was close, a hand count was taken. The results was 46-50 against the motion. The most controversial part of the President's report concerned the Ultra Vires issue (see page three). Mr Passmore explained that he would not affiliate ICU to any organisation until he was informed by the Union Solicitor that such action was definitely not illegal. Owen Greene said he should have taken more action on the motions that were passed. He argued that there was hardly a students' union in the country that wasn't affiliated to something or other.

William Cortazzi complained about the small turnout at the

Red Baron joins Crazy Gang!

LORD FLOWERS, Rector of Imperial College since 1973, has declared his support for the Social Democratic faction in the current internal wrangle in the Labour Party. The "Council for Social Democracy", in a half-page advertisement in yesterday's *Guardian*, listed a selection of one hundred people who had pledged their support to the Council — Lord Flowers described merely as a "physicist", was included in the list. Although Lord Flowers hasn't studied any physics for some years now, this is more accurate than that of the *Guardian*, which tagged him as a "sociologist".

The Council for Social Democracy was founded with the Labour Party lay four right wing Labour politicians (Dr David Owen, MP, William Rogers, MP, Shirley Williams and Roy Jenkins) following the recent change in the way the Labour party is elected. The changes, which give trade unions and local Labour party organisations a much larger part in the vote, represent a strong swing to the left in the party organisation. The announcement of this list of supporters comes amidst growing speculation on the possibility of a break by the Social Democrats from the Labour party and the setting up of a new party.

As well as Lord Flowers, the list includes a variety of people, among the trade union leaders, University lecturers, and the President of Cambridge Students' Union.

meeting. Liz Lindsay said that they had publicised the meeting to the same extent as previous meetings. William Cortazzi said the Exec were elected to office to do a job, and he did not think they were doing it properly if so few people turned out. Mark Clegg suggested that posters should be stuck in student houses in Evelyn Gardens. Liz Lindsay took this as an offer to do this, but Mark Clegg said she had misunderstood him. After a proposal to move to next business, the President's report was accepted.

Daré Afolabi then moved that the order of business should be changed to have the motion on the Brandt Report (advocating greater awareness of the findings) considered next. This was rejected on a vote. The Deputy President, in her report, emphasised that the Beit TV Lounge was not for use by the whole Union. There was a Union TV Lounge in Southside next to Stan's Bar.

After her report was accepted, William Cortazzi moved that the El Salvador motion should be considered next, as it would be more interesting. This proposal was defeated on a vote.

In the Hon Sec's report Liz Lindsay emphasised that she wanted people to contact her with a view to writing a paper on 'Preparation for Scientific or Technical Degrees'. Those interested should contact her as soon as possible, she said.

When the meeting moved to the returning officers report, Steve Goulder said that he could not let an inquorate meeting elect a Union Officer. Therefore, he called quorum. It was obvious that not even 150 people were there, well less than the requisite 300 for a quorate meeting, so the meeting was stopped.

Caroline Waitt, from Nightline had come to speak to the meeting, so most of those at the meeting waited to hear what she had to say.

She said that Nightline would be moving to number nine Princes Gardens from number ten over the Easter vacation. She emphasised that Nightline was not a political, religious, or counselling service, but was always willing to listen to those who wanted to talk to them — about anything. Nightline had an extensive information service covering entertainment, in London and other colleges, medical services and most other things. She hoped people would buy tickets for the Guilds Special Benefit concert, including bands and a disco to be held on February 20.

After this, those still in the Great Hall left, having been told to take their rubbish with them.

Liz Lindsay issue a statement to FELIX later. She said: "I am setting up a Working Party to discuss the promotion of attendance at UGMs. Those especially invited to attend are Owen Greene, Steve Goulder, William Cortazzi, and Mark Clegg, as these people expressed particular concern about the poor attendance at today's meeting. Anyone else is also more than welcome to attend. It is proposed to hold the meeting at 12:45pm on Monday, February 23 in my office."

She blamed the low attendance on exams and milk round interviews going on at the time. She said last week's FELIX had not helped, as it suggested the meeting would be inquorate. Although she had asked Steve Marshall to include an advertisement for the meeting he had not done so. Mr Marshall claimed it was he who pointed out to Liz Lindsay that the date of the meeting should be changed.

He thought last week's article was good publicity for the meeting and he'd make sure all FELIX readers were aware that the next UGM would be the Sabbatical Election Hustings Meeting on March 5 in the Great Hall at 1:00pm

Letters to the Editor



Dear Sir

The Phantom Tyre Slasher of Southside is not the only person disgruntled about the number of non-permit holding cars around Southside. Despite having a Southside permit, I am often unable to find a place at all, and have to leave my car in 'illegal' places on the main campus, so annoying the legal users there too.

A quick survey today showed over a dozen permit-less cars plus two abandoned vehicles that have been there over six months. Why have these not been removed, and where are the people with the big stickers?

Yours

Philip Harper
Physics PG

Dear Sir

I hope your readers procrastinate no longer. If they are not careful they will miss their chance to become a founder member of Imperial College Angling Club.

We hope to have our first match on the Serpentine on Saturday, February 7 in the morning (from small acorns, etc).

If you are at all interested come along to Southside Upper Lounge any time after 12:30pm on Thursdays and see what we have to offer.

Yours sincerely

Dave Kelsall
Chem Eng PG

PS: Why not sign the notice in the Union Lower Lounge?

Dear Sir

With reference to the recent *London Student* cover story I feel prompted to speak up for firms recruiting graduates to work in South Africa. While not necessarily supporting apartheid I

have become increasingly anti-"Anti-Apartheid" since returning from ten months in the South African mining industry and starting at IC. Let me say that I do not pretend to be well informed about South Africa's internal affairs and I'm not so naïve that I believe there are no injustices within the Republic, but is it fair to discriminate against these firms, especially when some of them — certainly those in mining (e.g. Union Corporation) — are probably leading the way in narrowing the gaps between blacks' and whites' standards of living. My stay abroad gave me an insight into some South African policies in the field of race relations. Consequently it angers me and destroys my faith in human nature knowing that most students, on reading such reports in the media, will accept them on face value. I ask that the editorial board of *London Student* restrict their reporting to what actually happened and leave out what I see as propaganda. As for LSE Anti-Apartheid, I wish them success in the good work they do, but that they do not attempt to interfere with students' bias. I would like to believe that the only reason most IC students bank with Nat West is because they have the most convenient branch.

I think some of my colleagues in RSM would agree with my views. Many of them will work in South Africa after graduating, indeed many of them have already had the opportunity to, which I suggest is more than can be said for members of the Anti-Apartheid Movement.

Yours respectfully

D V Molesworth
Mining 1

Dear Mr FELIX Editor

After an exhaustive feasibility study over a period of four years, we have finally discovered the hidden meanings of the Royal College of Science chant 'Kangela'.

The translation of their loud but nevertheless dischordant (sic) and unrhymical (sic?) shouts, is embedded in the history of the old language of Fanakalo.

Fanakalo is a Southern African (South Africa, +Zambia +Zimbabwe) lingua franca which is a bastardization of Zulu, Xhosa, Basotho, and English in order to aid widespread communication between numerous tribes.

'Kangela Ar madola' in Fanakalo means 'Examine your knee (or elbow) pads'. Therefore we now understand the hidden meanings which belie the RCS Union. They of course fully realise their inferiority to the other CCUs, namely RSM, and thus the RCS executive need to

remind their students and most importantly the new freshers, that they must constantly inspect their knee and elbow pads. This would undoubtedly prevent callouses forming when bowing down on their knees to the more superior CCUs.

Thus, Mr Editor, we rest our case on the foundation and subsequent tradition of the RCS Union.

Yours sincerely

A Fanakalo Translator

PS: For any doubting RCS student, the translation can be proved by looking in an English/Fanakalo Dictionary.

Dear Steve

I would like to say a few words about D&D. Firstly, I would like to thank all those who worked so hard to make the evening such a success. Secondly I would like to thank the Royal Garden Hotel for providing such an excellent venue, and Barkers, Waitrose, the Old Centralians, Alans Bar, The Union Bar, Links, Chaps and Elec Eng 4 for providing raffle prizes.

I would also like to explain why we had to finish early. The day before the event we were informed that the police had withdrawn the late licence. After lengthy negotiations, involving solicitors, by three o'clock on Friday we knew that we could not legally remain in the Building after 1:00am. We were not the only victims: the Royal Garden Hotel staff party was also restricted to an 11:30 bar extension. No one could have been more disappointed about this than us, but we did not mention it publicly during the dinner, in order to give the Royal Garden a chance to give us some leeway. This they did, letting us continue the music until 1:30am and leave by 2:00am.

We are sorry if this in anyway spoilt anyone's enjoyment of the evening. It was not as we would have wanted, but everything that could have been done was done.

Yours

Dave Gayer
President C&G Union

Dear Sir

Last Friday was Guilds D&D. In previous years this function has continued until around 5:00am. With the event being held outside College there was much speculation as to what time it would finish. The consensus of opinion (including the Exec) seemed to be that the bar would close at 2:00am and we would leave the hotel by 3:00am. As it transpired the bar closed at 1:00am and we were informed that we had to be out by 1:30am. We feel that an announcement should have been made before the dinner or during the speeches,

to this effect, since Simon Shaw knew about this on Thursday. Those who expressed their discontent were harangued and insulted by Guilds/Links hacks, as though Guilds were beyond reproach. We would also like to point out that the cabaret seemed more appropriate to Carnival than D&D, and we don't consider *two* records a disco, how about a refund?

In conclusion we would like to record that the "Dinner" and service were excellent (Mooney take note!!) but the evening was tarnished by lack of insight in not reorganising the entertainment.

Yours

Jon Ashley
Chris Biss
Vee Baker
Keith Morris
Russ Gilbert
Linda Brehault
Nicole Charters
Diane Williams
Sue Dealler
Mandy Ireland

Sir

I write in response to the photograph and inscription written in association for FELIX, January 30, 1981. Not only was it a foolish display on the part of the person who addressed himself as J Christ, but it was utterly abhorrent to anyone who has come to realise the sheer futility of life apart from knowing Jesus Christ as Saviour and Lord. No, there is no sentimentality attached to the fact that we are all sinners in God's sight, and that all of mankind desperately needs saving from the sin which readily, and consistently perverts a man (or woman's) life.

Religious nonsense you may say, but the fact is that man is not as his Creator intended him, and is now rotten to the core, full of all those things recorded in Romans Chapter 1 v 18-32. The picture given by this passage from the Bible rings true, especially today. How amazing that you and your readers — intellectual people, can look for fulfillment in so many ways, and miss the one pathway which leads to abundant life, and all other roads lead to death. Indeed, man is already dead, and will only find life in Jesus Christ. It is conceivable that this does not interest you — fair enough, you have made your choice, but I feel bound to warn you that if you blaspheme the name of Jesus Christ, you are likely to receive punishment both in this life and the next. If you choose to shut your eyes to the facts, you have made your decision — but don't complain that you did not have any idea of what you were doing. Romans chapter 1 is worth studying — in fact a group of civil engineers meet on Tuesdays

at 12:30pm for 1:15pm start, for a bible study on Romans. We meet at 16K Petersham Place, and you are welcome to come. Every man has the right to know the way God has prepared for man, i.e. Salvation through His Son Jesus Christ — who Himself said "I am the way, the truth and the life, no man comes to the Father, but by me."

On a purely practical note — who in their right mind would make a joke out of a condemned man, which is what Jesus was when wearing his crown of thorns.

God so loved the world that He gave his one and only Son that whosoever believes in Him should not perish but have eternal life.

John 3 v16

Think about it, what have you got? Life or death? You can't sit on the fence.

Yours sincerely

D R Morris Civ Eng PG

Small Ads

●**Yamaha RD 350 M** reg, rack, top box, fairing, quartz Halogen light, crash bars and British tyres, 6th gear added, £250. Apply D Thrower, Mech Eng or 211 Hamlet Gdns, Hammersmith.

●**Crash Helmet** — Stadium Scorpion, full-face, fibre-glass, size 2. Nearly new. £250. Phone 01 567 7825.

●**1976 Honda 90**, good condition, MOT 1yr, top box and carrier, £130.00. Contact J Sharman, Mech Eng letter-racks or 01 445 0730.

●**The Photoshop** still has a few C110/20 exposure films left, selling at a mere £1. Hurry along on Tuesday at 12:30 to avoid disappointment. Old Darkroom, Beit Quadrangle.

●**Stereo equipment**, Armstrong 625, 40 watt, stereo receiver, one pair monitor audio MA5, MkII speakers, 2x 10 metres high quality speaker cable. £250 the lot. Will separate. Contact Simon Littlejohn, Elec Eng 2 or Falmouth 152.

●**Ladies Viscount Touring Cycle**, 21" frame, 10 speed, includes lights and lock, excellent condition. Bought for £140 will accept £70. Contact Beth on int 3477 (days) or 3673 (eves).

●**AKAI 4000DS II** (late model) reel to reel tape deck. Also included are 110 tapes. This incredible give-away package is only £150.00 or will split if forced to! Also for sale: Audiomatic Head-phone Amplifier, £5. Two speaker cabinets 20"x12"x7" combined midrange-bass units (one of which needs attention). £20. Contact Kai Chandler (G4FIR) on 708 0402 or on VHF-FM or via DOC PG pigeonhole in Huxley.

●**Help!** I've lost a gold ring. Last seen 12:45, Thursday, January 29, 1981, in the Sports Centre. It is a wide gold band with one diamond. Paul Morriss, Zoology, int 4079.

●**Found** a copy of 'Introduction to Atomic Physics' by Enge, Wehr and Richards was found in the orchestra cupboard together with some old Physics III exam papers. Reclaimable from Martin Taylor, Computing PG.

●**Wanted:** Any member of the RCS academic staff who would be prepared to be the Honorary Senior Treasurer for the RCS Hockey Club. Anybody who is interested, please drop a note in my pigeonhole, R Morgan, Maths 3.

●**Astrosoc:** Please note there was an error in last week's FELIX. The lecture by Dr Garry Hunt on 'The Voyager Project' in on **February 19**.

●**Lost** on Tuesday one wallet, either in Falmouth or Linstead. Will buy person who returns it a few drinks. Matt Smith, Zoo II or Bot/Zoo Tea Room 3:00-4:00pm.

CND Affiliation Bombshell

THE ICU EXECUTIVE may be liable to be sued if the Union becomes affiliated to the Campaign for Nuclear Disarmament.

A motion was passed at the end of the last term advocating such affiliation, but Mr Passmore was advised by a student that by paying money to such an organisation, he would be acting beyond his legal powers. If that is so, both himself, and the Executive, would be acting illegally, and liable in court, if the matter was taken that far. It is thought that a precedent was set in this matter in a 1972 court case when a student successfully sued his Union.

Mr Passmore has spoken to Michael Arthur, Union Welfare Advisor, and is currently pursuing the matter with the Union Solicitor. He hopes that the Solicitor's advice will be accepted by Union members.

Until such time as he is advised that such affiliation does not constitute a breach of his powers, Mr Passmore will not pay monies to any organisation.

Mr Passmore pointed out that Union societies such as political groups, could not use Union money to affiliate to other political parties or national groups. Any money for this would have to be raised through subscriptions.

Brewers Droop

A REAL ALE promotional night was held in Stan's Bar in Southside on Tuesday evening. One thousand pints of Taylor Walker Real Ale were on sale, priced at 30p per pint. A large number of people attended the event, and Stan's was crowded for most of the evening.

Some people have since criticised the cheap beer, complaining that it was very weak; "As weak as gnats' piddle," was how one unhappy punter described it.

Rae Snee, Deputy President, told FELIX that she thought the event had been worthwhile, as those people there had enjoyed it. It meant that there were more people in Stan's than usual. There was a barrel left at the end of the evening, but she did not agree this meant the real ale to be unpopular even at the low price. The Bar Committee would be looking into having more evenings, and contacting brewers to that end, she said.

College Wide Ballots

Imperial accused of "destroying ULU"

IMPERIAL COLLEGE UNION received a derogatory report in *London Student* last week. The report, entitled "No to Campus Wide Ballot", was one of a debate at the University of London Union Student Representative Council, (although the article does not mention this location). A motion to elect ULU's three sabbatical officers by campus-wide ballot was rejected.

John Passmore, ICU President, and proposer of the motion, did not feel that the ninety person SRC could properly represent a university of 48,000. He thought the University-wide ballot would be more democratic.

Rich McMahon of the Institute of Education is reported in *London Student* as arguing that "Imperial [College Union] was not concerned about democracy at all, but simply wanted a system which would collapse, destroying ULU and helping to destroy all student unions".

The motion was defeated by fifty-four votes to thirty-seven.

Mr Passmore told FELIX that Rich McMahon, whom he regarded as a "Trotskyist" and a "raving politico" was laughed at by the SRC meeting when he accused ICU of wanting to "destroy all student unions". He flatly denied that either he, or the Union had such a wish.

Anna Clarke, ULU President and opposer of the motion, told FELIX she realised having a cross-campus ballot would give larger colleges, such as IC, a larger share of the vote, instead of one vote per College as at present. This would favour a candidate from a larger college who would be likely to be able to sway his own college to vote for him.

First: The Last Waltz

THE C&G UNION Dinner and Dance, held at the Royal Garden Hotel, Kensington, last Friday night, finished early, to the disappointment of many people at the Dinner.

This was the first year that the event was held outside College. Many of the guests assembled in Sloane's Cocktail Bar in Knightsbridge before going on to the Hotel. The evening's proceedings passed peacefully, until Simon Shaw, Guilds Entertainments Officer, announced at 1:00pm that the Dancing would be cut short. After only two records, the disco was stopped and the evening ended at 1:30am on Saturday morning. The bar had closed an hour earlier than expected, and the whole event was over one and a half hours sooner than had been originally planned. The executive had known about the early closure since the day before the event. They had been informed that the police had withdrawn the Hotel's licence for holding late functions, but they did not officially publicise this until near the end of the evening. This caused some dissatisfaction amongst a number of people, mainly because they were told of the early finish just two dances before it occurred.

Dave Gayor, Guilds President, told FELIX that he thought the evening was better than could have been provided in College, but that Guilds should think twice about so many people in Sloane's again, which only served to cause confusion and delay (see letters' page).

The Navy Lark

LAST TUESDAY evening an invited audience of two hundred students and staff gathered in Mech Eng 220 to hear a lecture by the Royal Navy Presentation Team, led by Capt David Morse, on Britain's maritime interests and the role and future of the Royal Navy.

The purpose of the lecture, which is repeated round the country, was to inform people why it is considered necessary to spend £3,050m a year on the Navy.

Capt Morse, backed up by films and slides, began by explaining that Britain was dependent on the sea for economic and trading reasons, since we are not self-sufficient, especially in food supplies.

Britain, currently spends £10.5 billion a year on defence, but even spending this huge amount, we could not defend ourselves alone against attack, which is why we belong to the fifteen-member NATO, contributing 55,000 troops to the defence of West Germany in any war. The Navy would in wartime come under NATO command.

Industry benefited to the tune of £1,000m this year in Naval business; this includes development of missiles, 'unjammable' radar, and torpedoes.

Summing up, Capt Morse said we face a continuing threat from the Soviet Union, who appear unwilling as yet to disarm, and this is one reason for maintaining the Navy.

IC Education Forum

Symposium on Unusual Entry Procedures

Wednesday, March 11

The aim of the 1981 Education Forum meeting will be to examine policy options open to Imperial College concerning unusual entry procedures.

The symposium will be chaired by Professor P J Grant, Chairman, Imperial College Admissions Policy Committee and the discussion will be opened by Professor W J Albery of the Department of Chemistry who was involved with the ILEA/Oxford science scheme before coming here. Individuals with relevant knowledge and experience have been invited to write brief papers which will be circulated before the symposium and taken as read during the discussion. The authors will be present to expand upon points if necessary. They will include: Dr Edwin Cox, Dean of Admissions, Goldsmith's College, London ('The University of Sussex Unusual Entry Procedure Scheme'); Mr Norman Evans, Senior Research Fellow, Policy Studies Institute ('Methods of Accrediting skills acquired outside formal education'); Dr B P Levit, Admissions Tutor, Department of Chemistry ('Unusual Entry Procedures: Comments for Discussion'); Mr T Melia, HMI, and Mr J Kitching, HMI, Department of Education and Science ('Initiatives for the education of the disadvantaged in

the USA: an example of affirmative action'); Mr P K C Millins ('The DES Project on the Evaluation of Special Pilot Courses affording access to higher education'); Ms Usha Prashar, Director, The Runnymede Trust ('Special Educational Needs of Ethnic Minority Groups in the UK'); Dr J E Spice, Staff Inspector of Science, Inner London Education Authority ('The ILEA/Oxford Science Scheme').

So that the best possible physical arrangements for the symposium can be achieved, admission will be by invitation only. All members of the Board of Studies, Admissions Policy Committee, and Educational Technology Committee will automatically receive invitations. All other members of the College wishing to attend are asked to contact Miss C D M Collins, Room 714, Elec Eng Building (int 3096), who will issue invitations, replies to which are required by March 3. Copies of the preparatory papers will be sent before the meeting of those accepting invitations to attend.

Dr Sinclair Goodlad
Secretary, IC Education Forum

SALE! SALE! SALE!

MITRE MUNICH 10-90
GOLA COUGAR 10-90
GOLA BLUE TRAINER 7-90
SPEEDO SWIMMING COSTUMES from 3-50
PUMA BLUE STAR SHOES 9-90
MITRE PANTHER TRAINING 7-90
SQUASH SOCKS
WRISTLETS SPAIN PADS STUOS
HOCKEY STICKS
SHUTTLECOCKS
HEADCOVERS
FOOTBALL BOOTS
RUGBY BOOTS
ADIDAS TRACKSUITS from 12-99
GOLA UNIBRO

SPORTS EQUIPMENT

ON
WEDNESDAY + THURSDAY + FRIDAY

4 + 5 + 6th MARCH

JUNIOR COMMON ROOM

Eggs SQUASH RACKETS.

DUNLOP MAXPLY FORT 23x100 19:80
SLAZENGER CHALLENGER 23x100 15:90
SLAZENGER CHAMPIONSHIP 23x100 15:90
ASCOT COURT ACE 23x100 14:90
GRAYS RED DEVIL CHAND MADE 23x100 14:90
ROSLIN INTERNATIONAL 23x100 13:90
ASCOT RED ARROW 11x50 17:90
SLAZENGER ROYAL COURT 11x50 17:90
DUNLOP COURT STAR 18x75 12:90
SLAZENGER WHIPNET 12x90 13:90
GRAYS RAPID CHAND MADE: STEEL SHAFT 10:90
WIDEN WINNER 8x75 15:90

BADMINTON RACKETS.

CARLTON 4-1 11x90 17:90
DUNLOP MAXPLY FORT 23x100 17:90
DUNLOP D. S. 1000 CANTH COVER CLEARANCE 15:90
DONNAY OCTACON 16:90
CARLTON 37 16x75 11:90
CARLTON 37X 21x100 16:90
CARLTON C-55 11x90
CARLTON 4-3 15:50

TENNIS RACKETS.

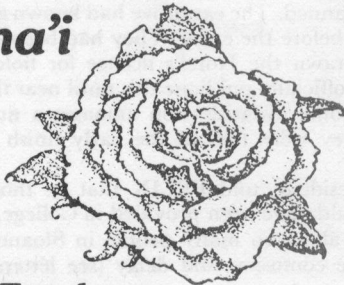
*DUNLOP MAXPLY SOFER FORT (CARBON INLAD) 180x60 21:00
*DUNLOP MAXPLY FORT 23x100 17:90
*SLAZENGER CHALLENGER MAX 23x100 17:90
DUNLOP MAXFIBRE (CLEARANCE) 16:90
DUNLOP VOLLEY I 11x75 11:50
CANTH COVER
DUNLOP VOLLEY II 11x75 11:50
SLAZENGER FIREPOWER 19:90
GRAYS DOUBLE BLUE 17:90
WIDEN WORCESTER 13x200 17:90
GOLA FUSLIG (CLEARANCE) 5:90
GRAYS MATAMASTER CHAND MADE 14x100 12:90
GRAYS LIGHT BLUE 16:90 (HAND MADE)

CLOTHING.

FRED PERRY SHIRTS FROM 16:90
LADIES TERS FROM 14:60
FRED PERRY, SLAZENGER, ADIDAS T SHIRTS FROM 14:50
FOOTBALL SHORTS FROM 11:80
MENS SQUASH SHIRTS FROM 13:50
MENS SQUASH SHORTS FROM 14:75

ALL BRANDED ITEMS

Baha'i



The Zemkes

VISITING IC NEXT WEEK are the Zemkes — Ken and Mary Zemke, and their three children Kirsten (15), Erica (13) and Kris (9) — A family of musicians from America. The group calls itself Glad Tidings.

Ken Zemke has worked in Hollywood as a freelance film editor for most major film studios, the last one being Columbia. He has received two Emmy award nominations in 1976 and 1977 for editing TV productions.

Mary Zemke, from Fargo, North Dakota, has a degree in music from the San Diego State College and has worked as a choral director in high schools. Nine year old Kris has just spent six months in the national company of Evita at Schubert Theatre. Erica plays the flute, while Kirsten is keen on the electric piano.

The group is visiting Europe and is on its way to New Zealand and has offered the IC Baha'i Society a concert on February 9 in the Lower Dining Hall, Southside, at 8:00pm. Admission is free. Their music is light hearted and uplifting and includes songs based on the teachings of the Baha'i faith, world unity, universal peace, unity of religion, etc., etc.

The event promises to be an exciting one, so don't miss it!

Socialist Soc

Dafydd Elis Thomas, MP for Merioneth since 1974, will be speaking to IC Socialist Society on Thursday, February 12. Mr Thomas, seen as the leading advocate of a socialist approach within the Welsh National Movement, caused something of a stir last year when he was overwhelmingly elected Vice-President of Plaid Cymru, the Welsh National Movement.

P Williams
Maths 3

WIST

ON THURSDAY, FEBRUARY 12 CISSY, the Campaign to Impede Sex Stereotyping in the Young, will be speaking at a meeting of WIST and anyone is welcome to attend.

Many childrens books and comics reinforce the traditional roles society has expected males and females to play and thus children are brainwashed from a very early age into accepting these roles without question.

Girls usually feature in lesser roles in stories where boys take the main roles, usually as sisters or inferior gang members. They often have unpleasant traits such as crying a lot, fussing or being very physically weak. Often they are expected to do jobs such as cooking, washing and cleaning. When a girl does play the main role in a story they often have to overcome dreadful obstacles such as blindness, illness, before they get some reward such as fame or popularity. These clearly put over the message that girls are inferior.

The meeting on Thursday will be at 6:30pm in the Green Committee Room. It will be in the form of an informal discussion, and the speakers will be bringing some examples of children's books along with them.

BUNAC

MANY PEOPLE have been going on holiday in America in the past couple of years, but did you know that it is possible to work there as well, to pay for it all? Unfortunately, the necessary temporary work permits are not generally available. However, one way to obtain one is through the British Universities North America Club.

BUNAC is a non-profit making national club which organises an exchange program enabling students at British universities — including overseas students — to work in the USA and Canada. BUNAC arranges members' work permits, flights, insurance and the first night's board in America. They also run an office in New York to provide help to the participants, should they need it.

Members have the choice of working of a kids' summer camp, or of finding their own job anywhere they like. Those who choose to work at a camp have the further choice of whether to look after the children (it helps if you are the outgoing type), or working in the kitchen and maintenance side. Those who choose to work on a camp have everything arranged for them. However, those members on the second scheme have to arrange their own jobs themselves, although BUNAC does publish its own exclusive job-directory to help them. The idea of all the schemes is that members should be able to break even overall if they wish.

Interested? Then come and find out more about the BUNAC work programs at one of our weekly information meetings on Friday lunchtimes in the Green Committee Room on the third floor of the Union Building.

Philip Harper
Physics PG

F Socks

Ed's Note

Half of this article has been cut as it contained derogatory remarks about Astrosoc, which I feel sure Ken Mann will want to air through the letters' page. As revenge for writing such doido articles, I have rearranged all of the remaining paragraphs. The point is, can you tell?

Now an abject apology. We're very very sorry that Santa got cancelled. It wasn't our fault, honest. If it was not cancelled, ignore what I just said. Amazing was it not? I'm sure all who saw it are still singing the title song. If it wasn't cancelled.

Well, this is already the longest bulletin ever (do you believe that?) so I think I'll wind it up. Blessed are the meek for they shall inherit the earth. Everyone else will have left. So much to see, so little time to see it in. Tail High Brother!(Anyone recognising that last allusion should be ashamed of themselves.)

Christ and the man in black

And now, for those of you who spotted the punchline in the last bulletin, here is the joke to go with it.

AND YOU MAY find yourself writing an SF Sock bulletin. And you may find yourself behind a large white sheet of paper. And you find yourself in a beautiful lecture theatre, . . . with a beautiful lecturer (though, it's not very likely). And you may ask yourself, do unicorns have right-hand screw or left-hand screw horns? But changing the subject faster than Denis Howe's hair can be dyed the most-read club bulletin in FELIX (that's this one, you doubters) moves zestfully to this week's competition. If anyone out there can explain why in a recent Dr Who episode, the good doctor (and that's not Isaac) jumped from one side of a mirror to the other instantaneously, did nothing in exactly the right way and spent an interminable amount of time wandering about black and white photographs of English stately homes, write to Malaclypse the Elder c/o Phys Dept (use pigeonhole Q). Address the envelope "Why am I leaving this in pigeonhole Q competition".

Next film up is the Rocky Horror Picture Show Don't forget our wonderful library. The Haldane is good, but we have titles it does not, and no fixed borrowing time limit. Not to mention a copy of On Wings of Song by Tom Disch. Why it didn't get a Hugo at the last Worldcon, I'll never know

"Doctor, Doctor, I keep thinking that I'm a bar of soap."

CHAIRS FEET

SMASH THE RAT!
- AND OTHER GAMES
PRIZES! PRIZES! PRIZES!
BEER, GAMES
CHAPBURGERS



7:30

WED. 11TH FEB
STAN'S BAR

ICCAG

NB: The Blood Doning Sessions scheduled for February 11 and 12 have been cancelled.

Home Insulation: If you would like to help old people fight the cold, come and help us insulate their homes this Wednesday afternoon (February 11). More details from Sean Coyle, Elec Eng 2, or come to our Monday meeting (see below).

Old Clothes: We are organising a collection of old clothes from people in the area to give to those sleeping rough in London (on the Soup Run). If you can spare any time this Saturday (February 7) to knock on doors and ask for donations, please meet in the Southside TV Lounge at 10:00am.

Don't Forget: We meet every Monday at about 12:35pm in the ICCAG Room, top floor of Union Building (turn left at top of stairs).

Newcomers are always welcome (however much you want to get involved). Free coffee!

Bookshop Bulletin

Each week, I hope to publish a list of the new fiction titles in the bookshop together with our best sellers, usually paperbacks. This week, the Brandt Report — "North South", is selling very well, as it links up with the series of four lectures held at College.

When possible, we will be offering books for sale at "bargain" prices. The main title this week is the "Four Seasons Cookery Book" by Margaret Costa (originally published at £15, we are selling it for £6.95). This book is for people who care about using foods in season. The beginner will find sound and carefully explained recipes, and for the experienced cook a treasury of imaginative ideas.

Keep your eyes peeled for further Bookshop bulletins.

Roy Hicks Bookshop Manager

Astrosoc

THIS IS JUST A QUICK WORD to inform all members and would-be members of Astro Soc that there will be a coffee evening on Tuesday, February 10 at 7:00pm, in the Staff Common Room on Level 8 of the Blackett Laboratory for anyone interested in observing. We hope that the six-inch and eight-inch telescopes will be working by then, so, if the weather is fine, you will have a chance to see for yourselves the equipment available through Astrosoc. There should be an opportunity to discuss future projects in observing with both the committee and other members. Also, although this may seem a bit like bribery, we'd like to emphasize both coffee and biscuits will be free!

There are also a few alterations to the programme published in last week's FELIX: Dr Garry Hunt's lecture on 'The Voyager Project' is on the 19 NOT the 13 of February as stated, Dr John Taylor has also had to cancel this term's lecture due to a more important commitment, but instead we have Patrick Moore coming on February 27, when he will be lecturing in Physics 1 at 6:00pm. No doubt Dr Taylor will be lecturing some time next term when he has a free day, but in the meantime we can look forward to Dr Brian Morgan of our own Astronomy Department lecturing in Lecture Theatre 3 on March 12 at 1:00pm.

We hope you will come to as many of these lectures as possible, but, most important of all, don't forget the coffee evening, Astro-Soc won't be Astro-Soc unless someone takes an interest in observing.

GUESS WHO'S ON AT IMPERIAL COLLEGE?

JOHN OTWAY And WILD WILLY BARRETT



In Aid Of
West London
NIGHTLINE



Tickets
Available
From
Imperial
College
Union

Also
Appearing:
REALLY
the
Volcanoes

Joy Spring and Disco
Septet 'till late

£3!

20th FEBRUARY

7:30 p.m.

Matters Raised

The Threat of Rape

The recent 'ether' attack in the mews behind Southside has again highlighted the problems of security in the area, a subject which has been widely discussed since the rape in the basement last May. Since then the security guard system has been rearranged, and there is now one guard permanently on duty on the Main Entrance, and two doing internal patrols (including Weeks and Linstead) and also random external patrols, which are currently concentrated on the area and time of the last attack. The structural alterations include stopping the lifts from travelling to the basement, and placing convex mirrors in the Hall entrances so that every corner of the entrance hall is visible from the door. Unfortunately, the main alteration, which is the blocking of routes from Stan's Bar to the Halls by means of electronically locking doors, has been held up at the planning stage and is awaiting approval from the Estates Department. When this is done, seven doors (which can't be locked conventionally as they are fire escape doors) will be locked electronically, the circuit being broken to allow an escape route when the fire alarm is sounded. The net result will be that everyone entering or leaving the Bar/TV Lounge area will have to go past the main Security Guard.

Until that happens however, the only way to avoid further attacks is not to provide the attacker with the chance to make them, i.e., **DON'T PUT YOURSELF AT RISK**. Whether you live in Southside, or are just travelling around the campus, the following points should be carried out to minimise the risk of attack.

DON'T walk alone at any time after dark. Remember that it's not just late night that's dangerous — the last attack was at 10:00pm, and he'd probably been waiting around for quite a while.

IF you must walk alone, stick to proper roads and well-lit areas. **DON'T** walk across churchyards or unlit gardens, or cut through side streets and mews.

CHECK the mirrors in the Hall entrances before you get inside and if you see a man you don't recognise, especially hanging around in corners, then **WAIT** until they've gone before you enter (but make sure you don't follow them into the lift). If they don't go within a reasonable time alert the Security Guard.

DON'T go into the basement areas of Southside (e.g. the routes from Stan's to the halls) alone late at night. Remember this is where the May rape took place, even though it is within earshot of people in the Bar/TV Lounge area.

IF you feel particularly worried, you can buy a 'shrill' alarm from me, price £4.50, to carry with you in case of attack.

Most of all be alert to the possibility of attack and follow these suggestions. **DON'T** think it 'won't happen to me' — because it might.

Telly Trouble

Historically speaking, House Committee decided last year that "there was no longer a need for the TV Lounge on the third floor, bearing in mind that the TV area in Southside is a Union area" (I quote from the minutes of March 10, 1980). Malcolm was of the opinion that there was simply no demand for the service, but I have had reports that the bad reception on the set (which Malcolm was apparently unaware of) was probably the reason for this. (I can't find anyone else who thinks it was vandalised, Steve.)

For the moment may I remind you all that there is a Union TV Lounge in Southside (next door to Stan's Bar) and that Beit TV Lounge is for Beit residents only and is definitely NOT a general Union area which anyone has access to. However, if there is a clear demand for a TV in the Union Building I will ask House Committee to consider installing one, so if you have strong feelings either way please come and let me know, so I can gauge opinion on this subject.



Saturday, February 7
Inter-Hall Rag Collection
Thursday, February 12
Inter-Departmental Pedal Car Race
Saturday, February 14
Guilds & IF Valentines Party
Friday, February 20
Carnival in aid of Nightline

Your social reps should be organising teams for the Pedal Car Race, or get in touch with Tony Heales. Snotgobbler will be going to Bristol University for the Twenty-four Hour Pedal Car Race (with the best peddlers in the Inter-Departmental Race) on February 20.

Tickets for the Valentines Party should be available soon in the Guilds Office. There will be a live band, 'Temper'.

John Otway and Wild Willy Barrett will be appearing at the Carnival, as well as three groups and a late disco. tickets are £3 each from Links or the Guilds Office, with profits going to Nightline.

By the way, if anyone "found" any plastic table numbers at D&D please could they return them — anonymously "no questions asked" etc — to the Guilds Office, as the hotel is not amused.

Cheers
Andy

IMPERIAL COLLEGE RADIO

On 301m MW to the Princes Gardens Halls, and by high quality line to the College bars and Keogh, Falmouth and Tizard Gallery levels.

IC Symphony Orchestra Broadcast

This Sunday afternoon at 3:00pm IC Radio will be broadcasting a recording of IC Symphony Orchestra. The recording was made at their concert last term in the Great Hall, and among the works played were the Festival Overture by Shostakovich and Symphony No 2 in D major by Sibelius. This is the first time IC SO has made a broadcast on IC Radio.

MOPSOC

and Associated Studies present
The Understandability of Science
with Dr Magnus Pyke
on

Thursday, February 12
1:30pm
Pippard Theatre

IC Orchestra Concert
8:00pm, March 6
Great Hall

Tickets now on sale
in the

Haldane Music Library and Union Office

Mining and Metallurgical Society Lecture

The Role of Entrepreneurs in the Multi-National Dominated North Sea
by A Cluff of Cluff Oil Ltd
Monday, February 9

4:00pm

Mining Lecture Theatre Rm 131
All are welcome.

Photosoc Competition
7pm, Tues, Feb 10

Colour and Slides judged by Mrs N Batchlor
Prints: approx 6"x8", min. no. 3

fee 30p

Slides: 2"x2", 10p per slide

1st, 2nd and 3rd prizes awarded in both categories.

Imperial College Operatic Society present RUDDIGORE by Gilbert and Sullivan

WARNING! On the 10-14th February, The Witch's Curse will descend on IC. Informed sources have stated that it will be centred around the Concert Hall in the Union Building. However, there is no need to panic!! On the contrary, you are all advised to make your way to the Concert Hall on at least one evening of that week and see Opsoc's annual production. Tickets are £1.20 for Tuesday, Wednesday and Thursday; £1.40 for Friday and Saturday. There is a 20p discount for students. Bar available!!!

SPORT

Compiled by Phil Webb

Wednesday, January 28, 1981

Rugby

IC 1st XV	V	Borough Road	3-57
IC 2nd XV	v	Borough Road	0-32

Football

IC 1st XI	v	Goldsmiths	4-1
2nd XI	v	Goldsmiths	4-0
3rd XI	v	Kings Coll	1-2
6th XI	v	Middlesex	2-5

Hockey

IC 1st XI	v	UCL	3-1
RCS	v	CXHMS	1-7

Volleyball

IC	v	West London Inst	3-0
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Football Seconds

Another reshuffled Seconds team turned in an impressive performance to defeat a largely bemused Goldsmith's side with two goals in each half.

IC took an early lead when the Goldsmith's keeper parried a shot and Lay, who had quickly settled into his central midfield position, followed in to score. IC then allowed Goldsmiths far too much of the ball and the resulting pressure brought two fine saves out of Williams in the IC goal. A quick break close to half-time, however, made it 2-0 to IC with Lay again appearing to complete a fine move.

During the second half IC controlled the game well with any Goldsmith's efforts being solidly stopped by the defence of Dunhill, Lakin, Griffiths, and Beer. Fine running from Merritt, Saunders and Hartland exposed the Goldsmith's defence on many occasions and created several good chances. The third IC goal came midway into the second half when a through ball left Hartland with the keeper to beat. This he did, and then added to his total with a headed goal near full-time.

TEAM: Williams, Dunhill, Beer, Armstrong, Lakin, Griffiths, Esberger, Lay, Merritt, Hartland, Saunders.

Jim Beer

Volleyball

THIS convincing win lacked some of the excitement of our recent league matches but has however carried us into the semi-finals of the London Colleges Tournament. The lost impetus was soon regained when we realised that our raggedly turned out team's overshadowing by the efficiently dressed and

track-suited squad of the opposition, was more a consequence of our repressive financing than our relative abilities.

The team is now concentrating hard on a decisive league match against the leaders, ULU, on Wednesday, February 11 at 3:00pm in the Volleyball Court (supporters gratefully welcomed).

TEAM: *Serge (Coach), Peter, Klaus, Kozys, Hari, Henjo, Rysiek, Andi, Adi, Marek, Caroline.*

Saturday, January 31, 1981

Rugby		
IC 2nd XV	v	Roehampton Inst 12-10
Football		
IC 1st XI	v	UCH 5-1
IC 3rd XI	v	Royal Holloway 4-1
IC 4th XI	v	Royal Holloway 6-1
IC 5th XI	v	UCH 6-0
Hockey		
IC 1st XI	v	Kodak 2-1
IC 2nd XI	v	ETESSA 2-0

Rugby Seconds

IC started well and soon showed their dominance, especially in the forwards. Continued pressure led to a fine try by fly-half, Hughes-Narborough after a scrum inside Roehampton's twenty-two metre line. The try was converted.

IC then began to relax a little and allowed Roehampton to get back into the game with a penalty given away in front of the posts. However, the driving play of the pack soon led to a further score by O'Docherty on the right wing after third phase possession had been won. This was also well converted.

The second half showed the IC forwards to be well in command in all phases of play. The rolling maul was particularly effective against an opposition who tended to stand off, usually offside, and wait for the ball to be fed to the IC backline. However, invariably any moves would break down just before the Roehampton try-line.

Roehampton scored a break-away try from their own line following a speculative clearance into open space and very lucky bounce of the ball.

IC countered with some very tight forward play to ensure a 12-10 victory; something that was worked hard for, but was never really in any doubt from the kick-off.

TEAM: *Chirpy Thrane, o'Docherty, Davies, Wall, Spring, Hughes-Narborough, Slug, Bell, Ball, Kirby, Bradley, Tool, Davies, Stear, Chulkin.*

Football Fourths

WITH a couple of changes the Fourths faced up to Holloway who they had previously beaten 7-2 earlier in the season. After a scrappy start to the game by both sides IC fell behind after ten minutes. This goal resulted in a more positive approach from the Fourths and they soon levelled the score when a Burns shot found the corner of the net.

A second goal quickly followed when after a good run Marlon rounded the opposing goalkeeper and pushed the ball into the net. Dolan increased the lead when after a good through ball he hit a first time shot past the advancing keeper.

Following a good save from Holloway's keeper Burns scored again when his shot was deflected into the net. Just before half-time IC scored their fifth when, following a Marlon shot, the ball seemed to be on the line, but Graves tapped it into the net.

In the second half Holloway were under constant pressure but a twenty yard shot from Dolan was the only addition to the score. IC were unlucky to see good attempts saved on the line. At the back Hampton playing on goal looked competent on the odd occasion he touched the ball, and fullbacks Maddy and Milner defended well and had good runs up their wings.

TEAM: *Hampton, Maddy, Milner, Chown, Veats, Buckley, Graves, Dolan, McNicholas, Burns, Marlon.*

Hockey Firsts

IMPERIAL'S start to probably the most important game of the season was disastrous. Kodak, moving the ball around fluently, applied all the pressure in the opening ten minutes and gained a well deserved goal. They continued to create problems for the rest of the first half for Imperial who lacked any sort of rhythm and it was only sure fire saves by keeper Butler and clearances from Coatsworth and Hughes that prevented a worse half-time scoreline. Imperial fought back in the second half and soon after a missed penalty flick by Clarke Bell slotted home a neat cross. With only two minutes to go Cope netted the ball after a scramble at the top of the 'D' to place Imperial firmly at the top of the league.

TEAM: *Butler, Coatsworth, Davey, Gatley, Rich, Bell, Franklin, Hughes, Riley, Clarke Cope.*

Hockey Seconds

THIS was our first league game this term, and a good result was necessary to keep our league position respectable, and to restore team morale after several disappointing results.

From the start it was clear that IC were a much better side than ETESSA and it was only an effective off-side trap which our attack repeatedly fell for, that prevented us scoring early in the match. IC controlled the midfield, and it was only a matter of time before Chew, fresh from his 'short' Christmas break in Malaya, opened the scoring. This was followed soon after by a very good opportunist goal by Whittaker, which took us to half-time with a 2-0 lead. One of the umpires however had other ideas. The boots of some of our players were deemed illegal since they had metal studs, and to avoid playing the second half with a group of barefooted players, the side had to be reshuffled so that the 'culprits' played on the opposite side of the field to this umpire. As a result the second half became scrappy and despite this IC held on to win their first match this term, and thus earn two valuable points.

TEAM: *Jones, Masom (Capt), Bird, Shaw Clift, Chew, Rao, Whittaker, Cornwell, Gray, Webb, Stroomer.*

Neil Masom

Ten Pin

LAST SATURDAY the Bowling Club sent three teams to the Brunel Handicap Tournament.

Knight and Ng finished their six games with a score of 1966.

Lau and MacGowan started excellently when MacGowan bowled a 234 to take high handicap game. With a 203 from Lau and a 2165 score over six games, they came third in the scratch tournament.

Wells and Cook won the high team handicap game when Wells bowled a 200 (his first) and Cook bowled a 178. A final score of 1795 gave them third place in the handicap tournament.

Chris Wells

Sailing

THE IC team were again successfully defeating all opposition at Brent on Saturday. In a very light wind they showed their versatility by winning, in two races, their fourth successive match. This time against City University.

In the first race although the members of the team sailed well, the team as a whole sailed badly. Kennedy Gate started the race and the situation then dictated that each boat search for wind where it would. So although there were fights for individual places, most notably by Chadwick who eventually finished first, little of the teams new-found racing skill was displayed. The result was IC first, third and fifth.

In the second race however the teams had a better measure of the conditions and their enthusiasm grew. The first heat resulted in one IC boat and all the City boats colliding at the first mark and although the IC team could possibly have held first, second and sixth, to win, they returned to help Kennedy the sixth man and after a nice peice of sailing just before the finish by Mills finally finished second, third and fourth to gain more useful league points.

TEAM: *Allport, Chadwick, Kennedy, Mills, Redman, Woodhouse.*

Sunday, February 1, 1981

Hockey		
Mixed	v	Inst of Ed 2-1
Rugby		
Ladies	v	UCL 0-8
Ten Pin		
IC	v	Brunel 0-10
Swimming		
IC	v	Bristol 52-67

Swimming

LAST WEEKEND the IC Swimming Team went to Bristol University for the annual IC v Bristol Gala.

The Women's Team was stronger than previous years, Wilton (Captain) swimming well to win the ladies breast stroke. The ladies also won both the medley and freestyle relays.

The Men's Team did not do very well, even though Heffernan won the backstroke, and Boucher the individual medley, Nicholas Last giving a good fight for second place.

Maybe the men were beaten in the relays as they were saving their strength for the following waterpolo match.

TEAM: *Wilton, Wooley, Hillier, Hammond, Brown, Leach, Porter, Heffernan, Ashwin, Last, Bradley, Boucher and Durodie.*

I would like to say thank you to David Roberts who drove us to Bristol and back again (in the fog) and put up with the noise (Sue!) in the back.

Ten Pin

LAST SUNDAY saw the last Inter-University League match of this academic year. The match was played against Brunel, at the Airport Bowl near Heathrow. Brunel have a strong side and showing good form on the day beat the Imperial side which showed good spirits and although the A team did not bowl as well as was expected the B, C and Ladies teams fought well agianst superior opposition. The Imperial stars were Knight and Quinn, from the A and B teams respectively, who bowled very respectable series. Thanks must also go to Marker and Ellis who made up the C team numbers, fortunately.

Election Publicity



Election Publicity

The papers for the sabbatical elections (i.e. President, Deputy President, Honorary Secretary, and FELIX Editor) go up on

February 16 and come down on February 27. At this time the Union Print Unit gets severely overloaded with requests for posters to be printed. Consequently, we will not be printing CCU election publicity after February 16, just ICU election propaganda. If you are intending to stand in a CCU election, get your stuff in soon. The use of the typesetter will only be available to FELIX Editor candidates, who will be expected to produce all their own publicity including their manifestos for publication in FELIX.

I should point out that we have limited stocks of bright coloured papers for use as posters. I will be selling off stock on a first come-first served basis, so if you don't want to end up with white or grey posters (we've got LOTS of that) then come in soon to avoid disappointment.

Also, we require two weeks' notice if you want coloured inks.

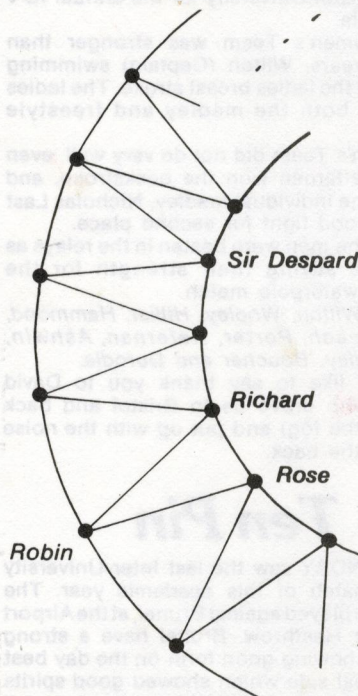
So pull your fingers out. Elections can be fun! Thrill at the idea of being the only candidate with coloured posters by buying us out now. Gosh, paper deliveries are so long these days!

Just remember, the secret of a good election campaign is to cheat without the elections committee finding out, like John Passmore last year. Well done, John!



The evil Sir Despard Murgatroyd, Bart., is lurking beneath a tree in Rederring Park hoping to carry off the fair Rose Maybud. Unfortunately for him, Rose is being protected by her friend Robin Oakapple and the gallant Richard Dauntless.

The park is laid out with two circular paths, one inside the other, and a zigzag path connects the trees on these circles. The diagram shows a section of the network, and the pattern continues right round the ring.



Rose and Despard take it in turns to move. When Despard moves, he slinks from one tree to the next, always keeping to the paths and

never moving to the same tree as Robin or Richard.

Rose, on her turn, changes places with one of her protectors. If Despard can move to the same tree as Rose, he will carry her off. Neither side is permitted to miss a turn.

Rose has the choice of starting first or allowing Despard first move. Should she move first? What is her best strategy, and what is Despard's? Can Rose be sure of escaping Despard's clutches? Watch for next week's gripping installment to find out!!!

Solutions, comments, criticisms to me c/o FELIX by Wednesday 1:00pm. There is a prize of £5 (donated by Mend-a-Bike) and two tickets to Ruddigore (donated by Opsoc).

Last Week's Solution

The winner is Say-Wei Foo, Elec Eng PG, who can collect his slice of minced beef roll from the FELIX Office.

LO!	2 0
MOONEY	1 0 0 5 9 6
MEAT	1 9 4 3
ROLLS	7 0 2 2 8
REALLY	7 9 4 2 2 6
A	4
TREAT	3 7 9 4 3
MM!	1 1
MM! !	1 1
EAT	9 4 3
AT	4 3
MOONEYS	1 0 0 5 9 6 8

Incidentally, this type of letter-digit substitution problem is sometimes known as an *alphametic*. Considering the subject matter of this one, it would be better described as an *alpha-emetic*.

Thanks for the many compliments on this puzzle, by the way. And in reply to the people who asked — no, I can't explain how I made it up.

Despite warnings, several people attempted computer solutions; none of them managed to solve it.

The Opsoc production of *Ruddigore* runs from Tuesday to Saturday of next week and they've given two complimentary tickets as a bonus prize. So please say on your entry which night you would prefer to go, and I'll make sure the winner's tickets are in his pigeon hole by 3:00pm on Wednesday.

What's On

Friday, February 6

•Socialist Society Bookstall, lunchtime, JCR.

Sunday, February 8

•Wargames Club Meeting, 1:00pm, Southside Upper Lounge.

Tuesday, February 10

•Vegsoc Meeting, 12:30pm, Maths 346. Lunch provided — 30p.

•The Consort Chamber Orchestra, 1:00pm, Consort Gallery, Sheffield.

•The Industrial Archaeology of London's Docklands Part Two: *The London Hydraulic Power Company*, Dr Denis Smith, 1:30pm, Read Theatre, Sheffield.

•Figures Into Landscape — Landscape into Figures Part One: *Landscape and Townscape - Narrative and Design*, Professor John White, 1:30pm, Pippard Theatre, Sheffield.

•Labour Club: Reg Race (MP for Wood Green) on *Labour Party Democracy*, 1:00pm, Maths 341. Free.

•Ruddigore (Gilbert and Sullivan Opera), 7:30pm, Union Concert Hall. To February 14. Tickets £1.20 for Feb 10 and 12 and £1.40 for Feb 13 and 14 (20p discount for students). Bar available from 7:00pm.

•Riding Club Meeting, 1:00pm, Elec Eng 1110.

•STOIC Transmission, 1:00pm, JCR and Halls.

Wednesday, February 11

•Wargames Club Meeting, 1:00pm, SCR.

•Talk on HF Propagation, 1:30pm, Elec Eng 1207.

•Trampolining Club General Meeting (and election of committee), 5:30pm, Courtauld Hall, QEC.

Thursday, February 12

•Dafydd Elis Thomas, MP speaking on *Socialism in Wales Today*, 1:00pm, Maths 340.

•Hang Gliding Club Meeting, 12:30pm, Above Stans Bar.

•STOIC Transmission, 1:00pm and 6:00pm, JCR and Halls. With News-Break.

•Chem Soc/ICI Lecture on *Photo-Electron Spectroscopy*, 4:30pm, Chem Lec Theatre 2. Free.

•WIST Discussion with speakers from the Campaign to Impede Sex Stereotyping in the Young, 6:30pm, Green Comm Room.

•Lunch Hour Concert with Stephen Isserlis (cello), 1:30pm, the Music Room, 53 Princes Gate.

•The Understandability of Science: Dr Magnus Pyke, Formerly Secretary and Chairman of Council, British Association for the Advancement of Science, 1:30pm, Pippard Theatre, Sheffield.

•Gliding Club Meeting, 5:30pm, Aero 254.

•ULU Gaysoc Meeting, 8:00pm, Room 2D, ULU, Malet Street.

LINSTEAD HALL

Appointment of a Subwarden

Applications are invited for a subwardenship in Linstead hall to take effect from February 1981 when Mrs Sue Kalicinski is leaving College.

The responsibility of the person appointed will be, in conjunction with the two continuing subwardens, to assist in the running of the Hall in social and financial aspects, under the general direction of the Warden.

The Hall accommodates 190 residents, of whom 24 are women, and of whom about 60% are freshmen undergraduates.

Applications should be from members of the academic or research staff, or from postgraduate students. Appointments are for one year initially and are renewable. People able to offer more than one year will be especially welcome. Rent free accommodation is provided which is suitable for a single person or married couple.

Please apply in writing, with a curriculum vitae, to the Warden: Dr M D Carabine, Linstead Hall, as soon as possible.

President Reagan is 70 today and still using henna.

P.S. Don't forget your Valentine's Day small ads next week. FREE!!!!!!!!!!!!!!!!!!!!