



FELIX

Founded in 1949

The Newspaper of Imperial College Union



Photo: Ramzi Shammias

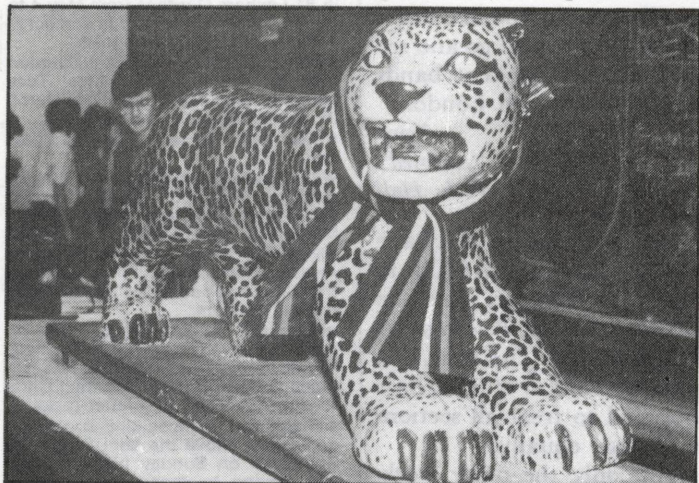
Holding holding his own: Mr Robert Holding ICU Presidential candidate (left) and Nick Morton at yesterday's UGM.

Mary captured by RCS

The Royal College of Science Union violated Mary, the mascot of Queen Mary College London, on Tuesday.

A group of around 20 students met in the RCSU Office at 6:30am and reached Queen Mary College around 8:15am.

They found the yellow and brown leopard bolted to the floor, but as the nuts were only finger tight the mascot was easily removed. They also managed to overcome the attention of a security guard who put a neck-lock on one of the mascotry team before he was persuaded to accept a letter to the President of Queen Mary College.



Mary on display at the RCS UGM.

Photo: Ramzi Shammias

Although the elections for next year's RCSU Officers were inquorate, it was ratified by a Results UGM last Tuesday.

The next RCSU President will be Mr Karl Schmidt and the other executive members will be Miss Fiona Owen (Vice-President) and Mr Charles Fuller (Honorary Secretary). Miss Hazel Cheeseborough and Mr Bruce Bricknell will be Academic Affairs Officer and Honorary Junior Treasurer respectively.

No confidence in Morton?

An emergency motion of no confidence in the executive overshadowed the husting speeches at yesterday's UGM.

The meeting opened at 1:07pm with a large crowd present in the Great Hall. Mike, the Union mascot, was also present.

The motion was put forward during the President's business and the meeting decided that it should be heard immediately. It was proposed by Philip Nathan and after he had received several extensions, Mr Nick Morton opposed the motion. Mr Morton then moved to the centre of the hall and nearly brought the hall down with a rousing speech. The motion of no confidence was heavily defeated.

Other reports were accepted without complication. Mr Ronan McDonald, Rag Chairman, explained that there would be a Rag stunt today while Handbook Editor Mr Peter Rodgers asked for contributions before Friday, April 30.

The hustings themselves were uneventful with a long series of important, yet uninteresting and repetitive questions being asked to all ten candidates.

The quorum was successfully challenged at 3:15pm after an argument between President and Deputy President about whether the meeting should be adjourned or was inquorate.

This meant that a motion on South Africa was not put and no one had the opportunity to put the case for abstaining in the sabbatical elections.

Bolt snapped!

The new system of electronic bolts recently installed in the basement of the Southside Halls of Residence was vandalised on Wednesday evening, only half an hour after being used for the first time.

The bolts are part of an improved security system which is intended to isolate the bar area and prevent unauthorised entry to Southside. Access to the bar will in future be from the side door directly above it only. This means that the main Southside doors will be kept shut and only residents should be able to gain access to the Halls through the entrance by the lifts.

The electronic bolts were shut for the first time at 7:00pm Wednesday, but somebody gained access to the Real Ale Bar, presumably via a back entrance which then slammed shut. Finding himself(ves) locked in, a handle was torn from one door and another door charged (with considerable force) until the bolt housing snapped.

Replacing the bolt will be very expensive and anyone who can offer information on the incident should contact the College Security Officer or the Union President.



Dear Sir

In FELIX 606 you printed a one page advert for Barclays Bank. Surely it is wrong, especially for a Union publication, to publicise or take money from a company which is so closely linked to the South African apartheid system.

Barclays benefits greatly from its South African links, and forms a significant part of that countries economy. Barclays is the largest bank in South Africa, with over 1,000 branches in South Africa and Namibia. The South African subsidiary, Barclays National, is 60% owned by Barclays in Britain, and has over £500m invested in government bonds and public securities—a direct investment in the state, supporting and profiting from this evil regime.

Amongst Barclays contributions to the country's war effort the most blatant was its purchase of £6.6m of "defence" bombs, helping finance the armed forces.

Barclays also contravenes UN rulings by operating in Namibia (illegally occupied by South Africa).

The South African regime depends heavily on foreign investment, both to oppress and exploit the 80% non-white section of its population, and to finance its frequent invasions of neighbouring countries. In 1980, Barclays participated in a \$250m loan to South Africa.

Barclays has already lost several million pounds worth of accounts as a result of the

campaign to boycott Barclays. There are two reasons for not banking with Barclays. The first is on principle—I certainly wouldn't want any of my money to be lent to South Africa. The second is to put economic pressure on Barclays to end its links with racism and oppression. I hope any actual or potential holders of Barclays accounts will bear this in mind.

Glyn Garside
EE2

Dear Sir

Have we got our priorities wrong? The Supplies to Poland scheme, while good in theory, seems pointless when all the factors are considered.

1. If the Poles were starving the rest of the socialist states would surely help them out, rather than running the risk of revolution in Poland against the communist system. The Soviets must be in hysterics over the way we are giving away food to prop up a decaying regime. If we want to help them, why not give them the means to grasp their freedom? An airlift of armaments to Gdansk for example.

2. What about Afghanistan? Have we forgotten about the Russian invasion and the thousands of dead Afghans? Back in 1979 we made a lot of noise about sanctions and very nearly missed the great propaganda victory made by Coe and Overt at the 1980 Olympics (the most politically orientated since 1936). At least helicopter gunships and napalm are not being used in Poland. The average Pole is having it easy. The most helpful thing we could do for the Afghans would be to supply them with ground-to-air missiles. This would also relieve the pressure on Poland, because the Soviets would have to use more of their infantry in Afghanistan, once their helicopters became less effective.

These proposals may seem extreme, but often the justification of the overthrow of a regime by arms is only accepted afterwards when all the facts are known. Was it wrong to overthrow PolPot, Idi Amin and Hitler?

Yours sincerely
'The Caped Crusaders'
(Names supplied.)

Sir

They're at it again in Canada!

Baby seals are being killed for their pelts.

Sometimes they are skinned while still conscious to save the time and effort of killing them first. Can you imagine the agony they must go through?

Between March 8 and 12 the European Parliament is voting on whether to ban the import of all skins and products derived from cruelty.

Please write to your Euro MP asking him to vote in favour of the ban.

The Euro MP for our university is: Sir David Nicholson (Euro MP London Central), 15 Hill St., W1X 7FB.

Every letter helps stop the slaughter.

Adrian Delemore
Dept of Mathematics

Dear Mark

I was indeed puzzled by the letter from "Puzzled of Falmouth/Keogh". I read in my NME this week that Elton John has rearranged for the coming autumn a London concert he was forced to cancel *last spring*. When one considers that the Chefs (just one of the bands featured at Links Carnival) have played six London gigs in the last three months, one can only assume that if the writer finds such music "unfamiliar" it is because he is a lazy mindless cretin, too idle to get off his fat arse and go and see some of the excellent bands currently gigging in London.

Yours
"Annoyed"
Weeks Hall

Dear Mark

Last year, Barney McCabe was the person in RCS in charge of mascotry (see the article in the last *Broadsheet* by Paul Johnson). This year, as a sabbatical officer of ICU, he is supposed to treat all sections of College equally.

Yet, only the other week, he was displayed on the front cover of FELIX (with Marco Ledwold, another ICU sabbatical) holding Spanner and Bolt. Last week, he was responsible for leaving Reggie (the King's College mascot) in the Graffiti storeroom, whence Guilds

later 'liberated' it. These mascots were stolen by RCS, not ICU, and should be of no concern to him, leastways not in public and certainly not on the cover of FELIX. The 'Reggie incident' also shows a blatant abuse of position, in that he alone has the master keys to all the Union rooms and as such has access to them all.

Come on McCabe, play the white man. Get on with looking after the interests of ICU (a job you were elected to) and not the mascots of RCS (a job you do very badly if last Friday's debacle is anything to go by).

Alun Griffiths
Chem Eng 3

●Linn Sondek LP12 with Basik arm and cartridge, £250.00; NAD 3020 amplifier, offers? Both vgc. Can demonstrate. Contact G.J. Smith, Civ Eng 2.

●Minolta SRT1018 case & 50mm F1.7 & Tamron 28mm F2.8 & 2X adaptor & some extras + £99. Ring 341-4010.

●Cheap volkswagen! £275, K-reg, 1600 fastback. Clean, solid, reliable car, long tax & MoT. Contact Keith Kershaw, Mech Eng 3, tel 373-8399 (Flat 4).

●8 3/4" telescope, reflector, electric drive, etc., £250. For details see P. Benham, Maths 1.

●For sale: 6 pairs of slightly used knitting needles. Contact Guilds Office.

●Substantial reward for information leading to return of bike—Carlton Sprint, light blue, 14 gear, tubular wheels—stolen Wed, Feb 24, from under Elec Eng. Contact T. Larcombe, EE1.

●OK keep the scarf. I hope it chokes you. Thanks for coming to Welfare Day.

●Available now 3 rooms in flat in Hammersmith, 2 singles, 1 double, £17.65pw. Contact 'Eric' Jarvis, 589-5111 ext 2146 or Franky Williams, Microbiology 2.

●Girl needed to share a double room in 81 Lexham Gardens from May 4 to the end of term. For details contact F. Judson, Life Sci pigeonholes.

●Ski Club There will be Hillingdon trips on the following dates: Tues March 9; Tues March 16; Tues March 23. Meet 7:30pm at the slope.

●H.G. Wells Society AGM Monday, March 22.

●'The Underground Elger'—a breath-stopping film of the attempt on the world underwater dive length record, Mines 303, Thurs March 11, 12:30pm.

●BUNAC: Want to work in North America this summer? Then come to the Green Committee Room, this Friday, 12:30pm.

●Badgesoc make badges! Taste no object e.g. "Incest is Relative"; "Orgasm—Fact or Friction?"; "Necrophilia is Dead Boring". Contact Chris Taylor, c/o Mech Eng letter-racks.

●Thank you to those kind souls who decided to move the Mini Estate, by Southside on Sunday night, I really love having to spend £50 to get it fixed. Thanks.

●If anyone is interested in acting/crewing at the Edinburgh Fringe in August/September. We are hoping to take a couple of productions. Contact Mike Pickup or Chris Barton c/o Dramsoc, IC Union.

●Wanted: person or persons unknown to help with make-up/wardrobe/props for 2 short plays to be produced for the CND benefit do on April 30. Contact "Eric" Jarvis, c/o Dramsoc or 589-5111 ext 1054.

Supplies to Poland

Further details

In the last week encouraging impetus has been gained by the 'Supplies to Poland' group's project which involves the transport and distribution in Poland, of 200 tonnes (ten lorries worth!) of food, clothing and medical supplies which should ease the hardship of at least some of those that are suffering as a result of the shortages caused by the recent crisis. In particular, special baby foods and the supplies in many hospitals are dangerously low. The crew comprising of about fifteen Imperial College students is now virtually complete and will be meeting with any other helpers every Tuesday and Friday at 12:45pm in the Union Upper Dining Hall.

The preferred plan for the project was originally conceived outside the College and is both ambitious and highly original. Now the challenge is being met by a group made up solely of Imperial College students and staff run by Malcolm Clarke, an electrical engineering postgraduate. Hoping to go this coming vacation, it is planned to ship the supplies on the Elbe from Hamburg to Prague on a single 200t barge whose owner can hopefully be persuaded to come and pick up the cargo in London. Normally barges travel empty in this direction and should therefore be available quite cheaply. In Prague where we have contacts in the Technical University the supplies will be divided into ten Czech lorries. Each lorry will be accompanied by some Imperial College students to the destinations for the supplies designated by the Church and the State in Poland. At present such supplies are being distributed through either Church or State networks, but in this way we hope in some way to keep a check on whether the supplies arriving from the West are actually reaching those who really require the assistance. If successful such a venture will not only help the Polish people but also allay doubts in Britain about the final outcome of such donations once in Polish hands and hence possibly encourage more aid in the future.

We are working on the project with an established charity, the Ockenden Venture, which will be organising the collection of the supplies in Britain. However we still need funds and donations of supplies and therefore we appeal to anybody who has contacts with a firm or knows of a firm who may be interested in our scheme to contact Malcolm Clarke through the Union Office letter-racks. You could even contact them on our behalf. Similarly any helpful comments and ideas and any alternatives to the scheme will be gratefully appreciated.

Loughborough race home

Hyde Park suffered an invasion on Saturday afternoon as 700 runners sought to complete their laps in Imperial College's 34th annual Hyde Park Relay. Sebastian Coe's failure to appear disappointed some, but the event was still graced by a number of international stars and teams from as far away as Sweden. Coe's absence did not stop Loughborough University retaining the title, while the Ladies' Race attracted a record number of entries.

At the prize-giving, Dr Tony Watts recounted how the event had been started with 9 teams in 1949. The event was sponsored by National Westminster Bank who have now sponsored it for a number of years. Results on page 13.



The start of the men's race.

Priest at IC

Last week, Chris Priest, probably the best British science fiction writer alive, came to talk to ICSFS. His wife, Lisa Tuttle, an American SF writer whose collaboration *Windhaven* is now

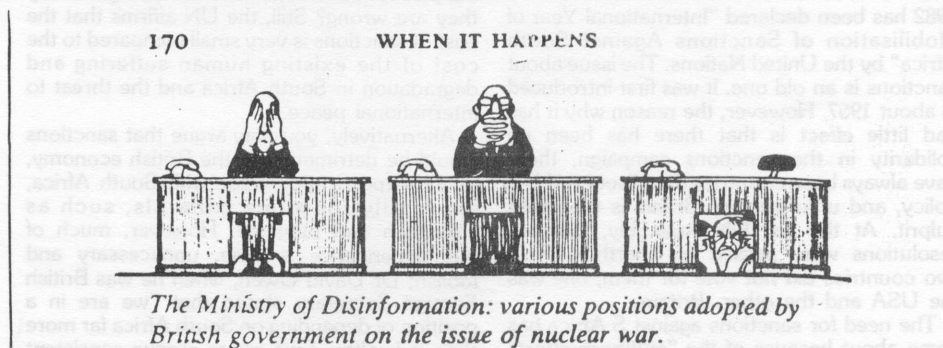
available through NEL, also came.

Chris talked about what and why Science Fiction is, postulating that we are the first century to consider long-term change, and that thus SF was a product of our society.

Disarmament 'Teach In'

The Protest against the present phase of the nuclear arms escalation has made such an impact over the last few years that few people can have remained totally agnostic on these matters. In the near future the controversy can only intensify as Trident becomes more expensive and as the government attempts to site Cruise missiles here. Unfortunately, all this has not usually been accompanied by an increase in knowledge and understanding of the underlying issues. MPs are themselves ignorant, as was demonstrated by the low level of debate during the first parliamentary discussion of Nuclear Arms policy for 15 years in March 1980.

-This Saturday, March 6, there is an opportunity for people to discuss and learn more about the vitally important issues. In



cooperation with a local CND and World Disarmament Campaign (WDC) group, ICCND has organised an all-day 'Teach In'. In the morning there will be four talks by distinguished speakers. Then, in the afternoon participants choose one of six workshops where they will discuss and analyse one area in depth. The role play workshop would allow you to relive and analyse those arguments that you wish you had fared better in.

For the last hour everyone meets together again for a talk about what has been resolved

and what this means for the future.

Things are moving fast. The Women's Peace Camps outside the proposed Cruise missile bases need support and publicity. The UN Second Session on Disarmament in June is becoming an important focus of attention as we discover that Reagan and Thatcher do not intend to participate. There is a lot to be done and choices will have to be made. We hope that the Teach-In tomorrow will prepare people to make them wisely.

ICCND

NUCLEAR DISARMAMENT 'TEACH-IN'

'Teach In' Saturday March 6, Huxley Rm 213 10:00am-5:00pm

Morning Session 10:15-12:30

Lord (Philip) Noel-Baker — 'Demobilisation'

Eirwen Harbottle — 'Psychology and Disarmament'

Gerry McGlynn — 'Christian Perspectives'

Duncan Rees — 'The Growth of the Movement—The Russian Threat'

Afternoon Session 2:00-4:00pm

Workshops: an opportunity to discuss in greater depth some of the

issues involved in Nuclear Disarmament and Disarmament

1) Strategy

2) Nuclear arms proliferation and Nuclear power

3) Alternatives

4) Government secrecy in the media

5) The Third World and the Arms Race

6) Role plays

4:00-5:00pm Summing Up

Entrance £2 waged; £1 unwaged (inc students)



The truth about my other life

by Barney McCabe

How much more of this bullshit must we be subjected to? Nobody, least of all an election candidate, has yet hit upon what doing a sabbatical Union job is about. It's *not* about boycotting this, opposing that, striking here or occupying there. It's *not* about making UGMs interesting, or getting people involved in and to respect "their Union". All of these ideas are what a large group of egotistical ignorami imagine are the key functions of a "sabbatical". They are wrong.

The most important quality needed in a sabbatical is a commitment to helping other people; whether it be directing them to the nearest MacDonalds or opening the Gym changing rooms, there must be that commitment to helping. 90% of the job I do is geared to helping students get on with their business.

The organisation of which I am part and which exists generally to serve students has two distinct functions. The first is to provide administrative back-up for well over 100 active clubs and societies; rooms and equipment for students' use and a stable organisation distributing public money fairly among those societies. The second function of this organisation is to ensure that all the other services (provided mostly by College) for students—from "an education" to refectories, residence to welfare—are provided as high a standard as possible. For the Union to perform this second function there exists a complete network of accountable (i.e. elected) representatives or observers on all the College decision and policy making committees (apart, that is, from the Rector's Policy Committee and the Examining Boards!). The representatives play an extremely valuable role in putting the students' case where it is relevant. In this way, the Union plays a constructive part in the running of the College; a part which is fully integrated with the administration of the College and which is respected by those who ultimately govern it.

By far the greatest demand on a sabbatical's time (especially the DPs and Hon Secs) comes from the first of the two functions outlined above. The wrath of the few hundred people per day who visit the Union Office would soon be down on a sabbatical who, through campaigning in other directions, allowed his attentions to sway from the needs of the societies. Fine he/she would make UGMs popular; fine he/she would make more news for FELIX; fine he/she would achieve great political popularity; but at what expense? It

would be quite wrong to damage the clubs and societies merely in order to conform to the misconceptions of a misguided few, after all how does one judge the success of a nation? Is it by the size and strength of its army, or, is it by the quality of life of its people?

"But what about UGMs?" I hear you ask. As far as I am concerned a UGM is where I go for a little self-indulgent fun. It is a forum for debate which leads to policy; it is a rubber-stamp body but that is not all. No! It's a great opportunity for egotists to further their interests. The hacks and would-be hacks among you will probably be crying out in disgust at my lack of concern for our democratic body. A UGM is not democratic, it has nothing to do with democracy, it merely serves to give the appearance to College of enormous student power when it mandates one of us to pursue a particular policy. That's about the only reason why we bother with them at all.

In summary, I have enjoyed most of the publicity I've personally had at IC, so, I'm sure, have other Union Officers. Much of it has been untrue, but it's all been fun. I wouldn't have let myself in for all those snotty jobs which are never individually important or interesting enough to mention in FELIX if it wasn't for the opportunity of a bit of ego-tripping, nor would anyone else in their right mind.

May I suggest that, should you want to vote, you vote for proven commitment to helping others, and vote for technical competence in every field, from Committee handling through to duplicator operating to pinball machine repairing!

Thank-you for reading.

The case against Apartheid

by Graeme Shaw

1982 has been declared "International Year of Mobilisation of Sanctions Against South Africa" by the United Nations. The issue about sanctions is an old one. It was first introduced in about 1957. However, the reason why it has had little effect is that there has been no solidarity in the sanctions campaign, there have always been countries that disobeyed UN policy, and unfortunately Britain is the worst culprit. At the last UN Assembly, fourteen resolutions were passed on apartheid; only two countries did not vote for them, one was the USA and the other, Britain.

The need for sanctions against S Africa has come about because of the "stubborn efforts of the regime to perpetuate racist domination by an ever increasing dependence on violence and repression and to continue its illegal occupation of Namibia, in defiance of repeated appeals by the international community and flagrant contravention of the United Nations Charter, the Universal Declaration of Human Rights and the Declaration on Granting of Independence to Colonial Countries and Peoples" this has "created an explosive situation in Southern Africa and constitutes no longer a threat to, but a manifest breach of international peace and security."

But why hasn't the UN Security Council taken any action? Simple, because Britain and the USA are permanent members of the Council.

The call for sanctions is total and complete, it includes an effective oil embargo, a cessation of collaboration with South Africa in the military and nuclear fields, and of investments in and loans to South Africa, it also calls for the denial of certain supplies, such as electronic

and communications equipment, machinery and chemicals, as well as technology.

You may argue that by implementing sanctions Britain would be doing more harm to the black oppressed people in Southern Africa. The UN recognizes this, but the people in South Africa and the frontline states have already laid their heads on the line by making the plea for sanctions, have we the right to say they are wrong? Still, the UN affirms that the cost of sanctions is very small compared to the cost of the existing human suffering and degradation in South Africa and the threat to international peace.

Alternatively, you may argue that sanctions would be detrimental to the British economy, as we depend upon trade with South Africa, especially for some minerals, such as vanadium and tungsten. However, much of this dependence is false, unnecessary and foolish; Dr David Owen, when he was British Foreign Secretary stated that "we are in a position of depending on South Africa far more than is healthy if we are to pursue consistent and viable foreign and economic policies."

People also argue that British companies would do more good by operating in South Africa than by pulling out, but what is the evidence to support this? The non-whites still have poor wages, about a tenth of those for white workers, few amenities, poor education and housing and barely any political or civil rights. Even Barclays, which is better than most companies, gives fewer opportunities to its black employees, and although they pay wages that are higher than the national average, it is of little use when they are actively supporting the government, by buying Government Defense Bonds for example.

South Africa is a "democracy" (for whites) and not all of them support apartheid as fervently as the government, so it would take only a little more international pressure to make a majority of the whites realise that the time had come to dismantle the apartheid regime. It wouldn't take long if sanctions were applied, and Britain could manage without

trading with South Africa, for a short while at least, whether by stockpiling beforehand or else using alternative suppliers. Even partial sanctions would have an effect, or cutting off diplomatic relations—but something must be done.

Imperial College too is linked to South Africa. In 1965 Sir William Penney, Chairman of UKAEA and Rector of IC, visited South Africa "when the Pelindaba reactor went 'critical'". In 1979 there was an advert in the Johannesburg Sunday Times inviting students to apply for a course in nuclear reactor science and engineering at Imperial College. The Royal School of Mines has obvious examples of collaboration with South Africa; there are about half a dozen students sponsored by South African companies, students work out there during the summer vacation and some even go out there to live and lecturers often visit to give seminars or advise. This is all in contravention of UN policy.

The College Careers Advisory Service invites such companies as Rio Tinto Zinc, Chartered Consolidated Services Ltd (part of Anglo American) and others to the College. These companies come to recruit white students to work in South Africa, to help boost the economy and sustain the apartheid regime. It would do no one any harm to end our hospitality to these companies; the Careers Advisory Service could still publicise their vacancies and graduates could simply trek across London for their interviews. Thus nobody's freedom would be impeded and we could show our disapproval of the South African government.

So what else can we do? Stop banking with Barclays is one answer, it is still the biggest bank in South Africa and supports the Pretoria regime, far more so than any other high street bank. Secondly, don't buy South African products and thirdly, go on the National March on March 14. Help end racism in the world and help the coloured majority in South Africa by supporting the UN's year for sanctions.



Founded in 1949

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***“Want a sweetie,
little girl?”***



ELECTION SPECIAL

President: STEVE GOULDER proposed by Pallab Ghosh

The Candidate

Stephen Goulder is a third year undergraduate in the Biochemistry department. While at Imperial College has taken an active and constructive role in the Union. As Social Clubs Committee Chairman he has encouraged a substantial increase in club activity. This affects a wide range of students, not just hacks. Steve also spent eight months last year coordinating the RCS Centenary celebrations.

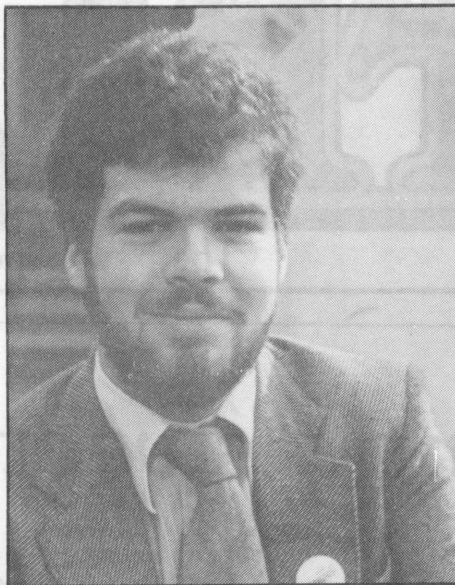
Steve has proved himself to be an able candidate for President. He has the experience and ability to bring about improvements for students next year.

Pallab Ghosh

The Policies

Refectories

Little has been done to improve the quality of food available in College. To achieve anything we must demonstrate widespread popular support for our policies. I intend to do this by organising a refectory boycott for the first week of November. As President I also propose to bring the Union Refectory under Union control as a profit making concern.



Residence

It is clear that any new student accommodation must be in the form of Head Tenancies or short life housing schemes. However, some conditions in Hamlet and Cambridge Gardens are appalling. I do not expect students to live in such conditions, the Union will support any action taken to improve this situation.

External Affairs

We must have an active voice in the current reorganisation of London University instigated by Swinnerton-Dyer. Because of its high proportion of overseas students it is important that I take a special interest in their increasingly difficult situation.

Academic Affairs

It will be essential for me to take an active role in Academic Affairs next session when the first part of the Rector's 20% cut in all departments is being made. We must fight any cut in student numbers and in the quality of learning at this College.

Stephen Goulder

President: ANDREW LYALL proposed by David Jago

It is almost universally accepted among Imperial College students that in recent years their Union has become completely out of touch with the student body. The small group of students who traditionally surround the Executive are not typical of the IC student and serve only to isolate them from student opinion. The best way to overcome this problem would be for the President to hold a regular surgery on, say Monday lunchtime during which any student, not merely officers and 'hacks' will be able to talk with the Union President about anything that might concern him/her, be it academic, personal or political. This, you may think is very simple — it is, but I must emphasize, unlike the grand and exorbitant claims presidential candidates normally make its simplicity means that it will become a reality.

In my view implementation of such simple ideas will bring about the much needed,

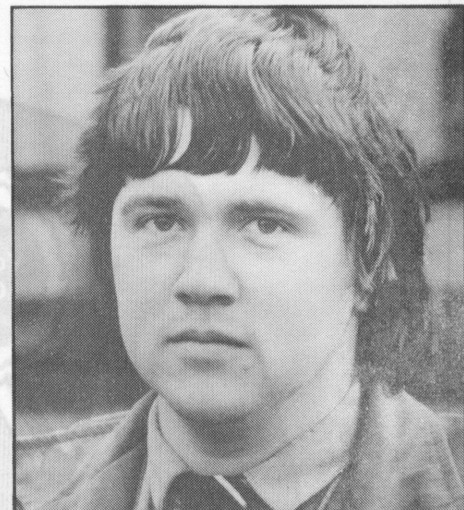
increased communication which will itself bring great rewards in other directions; for a united student body lead by an informed and determined President will be hard to resist.

At first sight, through not having previously held high office in the Union, it may seem that I am underqualified for the job of President. However in my five years at IC (two on my legs, one in hospital and the last two in a wheel chair) I have always represented my year group on the staff/student academic affairs committees, I have taken two degrees in widely differing subjects, experienced two constituent colleges and their unions and met a great number of people.

I would like to be the new type of Union President Imperial College desperately needs in this coming year. To do it I need your vote.

The choice is yours.

A. Lyall



President: J.MARTIN TAYLOR proposed by Andrew Needham



I decided at the outset of this campaign not to make unkeepable promises merely to grab votes. But there's only space for a brief outline of my intentions, so very quickly.

Grants

I think it's time we stopped burying our head in the sand. Next year is going to be very difficult for many students, and we must campaign to prevent the year after being even worse.

Education Cuts

Many of you will have felt their first effects. Worse is to come. However, we shouldn't just have blanket opposition to all changes caused by cuts. We must play a full part in discussions surrounding them, whilst maintaining our opposition.

Refectories

There have been some improvements this year at the Union's instigation. We must keep on pushing our ideas next year. I won't be calling for a boycott, because Mooney simply isn't capable of doing his job without our help.

Residence

This year we've accepted mid-session rent increases without protest. I'm determined to stop this happening again. Halls are very expensive already and steps must be taken to hold costs down next year.

In general the President must take time to gauge opinion, not just rely on the few people at UGMs. Socialising other than in the Union Bar is essential.

Also, he must stand up for *students* interests, not always bending to the convenience of the College authorities.

Finally, beware. So much crap is talked in these elections, even by candidates who should know better. If you want a President who is experienced (I've been External Affairs Officer for 1½ years), sees things from a student (not a College) point of view, and isn't just out to inflate his own ego or get a cushy job next year, then give me your vote.

Cut the crap and let's go!

President: ROBERT HOLDING proposed by J.Seymour Cole

The Experience

ICU External Affairs Officer 1978/9*

Editor of Sennet (now London Student) 1979/80*

Chairman of the Overseas Students Committee 1980/1*

RSMU Newsletter Editor 1979/80

I sat on the Metallurgy dept staff/student committee for two years

*I am lying about these.

The Bullshit

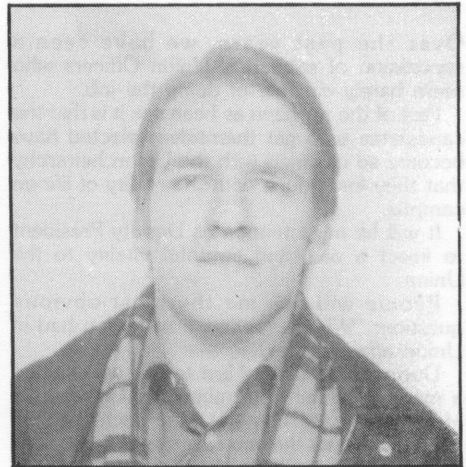
Basically I am standing for the job of ICU President because I fancy a year off from my studies. It must be great to get a grant and a free room and do bugger all for it. It is obvious that most of you haven't the nous to work this out so you might as well vote for me. It is YOUR union so YOU must decide whether you want one of the self-serving prats who are standing against me as your President or self-

serving me — at least I'm honest about it and am not a prat.

The Policies

I will fight to make sure that my mates are alright as regards piss-ups, parking permits, etc. I feel that I would be able to work well with the other sabbaticals; the people who are standing are fairly random and so I should be able to dump all my work on them leaving me to get on with the real presidents job: getting pissed, gatecrashing parties and attending sundry other hoolies.

For a long time we have had Presidents who have been elected on certain policies and then done piss all about them. If you look at all the candidates and all their promises I am sure you will agree with me that there is only one choice: ABSTAIN.

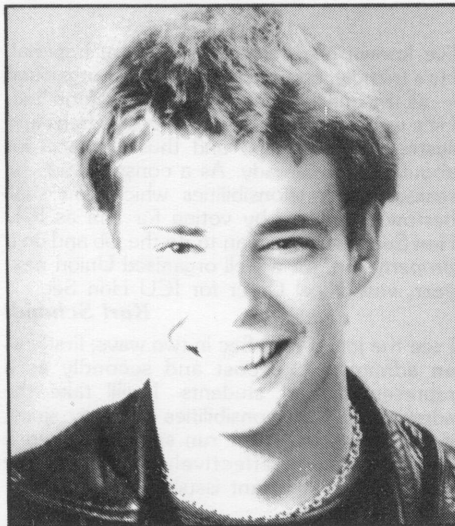


Dep. President: PHILIP GREENSTREET proposed by Crispin Dobson

Why do I think that I would make a good DP? Well, I feel that I could deal well with all the aspects of the post. I have a broad experience of running and sitting on committees, for as Vice President of RCS I have sat on Finance Committee, and handled estimates. I have a good working knowledge of the Union Building, and am well acquainted with the lock system employed within College.

But there should be more to being DP than just going through the work. You should be capable and confident enough to deputise for the President when the need arises, able to raise interest in the Union amongst students, and able to communicate with those around you.

In their campaigns, various people will tell you how wonderfully militant they intend to be.



This is a ridiculous attitude to take. I don't intend to be pushed around by College or the extremes of student opinion, but if action is needed I will take it.

I intend to take 'Mike' to every Union Meeting, and hopefully one or two other items as well.

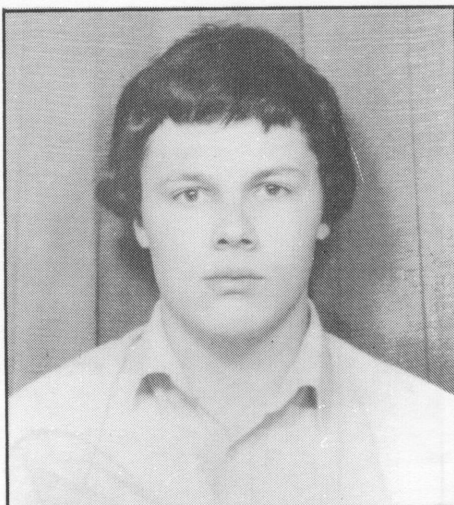
Most of all, I want to know what the average student wants of the Union, and I shall do my utmost to find out.

If Simon Shaw's motion to make Deputy President in charge of IC Ents is passed, thus making Ents Officer a sabbatical, I am confident that I can carry the post.

I may not be the best man for the job, but I'm the best on offer.

Phil Greenstreet

Deputy President: JOHN WHITE proposed by Alan Edwards



Firstly, if elected I would have to strive for a good working relationship with those people around me, especially the President, and Hon Sec. An uncoordinated Exec would be of little use to anyone. Together with this and from my experiences this year, I have found that one of the most important, and essential functions of the Deputy President is to be in the Union areas for a large amount of time — not only during the daytime. Thus he would be more informed about the Union fixtures and generally more likely to be able to deal quickly with any problem which may arise. I propose to do this, having spent a lot of time in the Union Building to date.

I also propose to help the executives of each club and society with the promotion of their activities, as after all, this is the only contact most students have with the Union. This will involve taking a close interest in all the major subcommittees, and especially the financial affairs of clubs — through the subcommittees.

The Deputy President is responsible for the security of the Union areas, and the safety of those within it. I consider the security of the Union Building especially, to be poor. A closer check will have to be kept on the whereabouts of keys, and possibly restricting the areas in which people may move, especially non-students using the Union facilities.

John White

Deputy President: GERARD LIVETT proposed by William Waterson

Over the past years, we have seen a succession of sabbatical Union Officers who seem barely capable of doing the job.

Part of the problem as I can see it is that the candidates who get themselves elected have become so intertwined with the Union hierarchy that they lose touch with the reality of life on campus.

It will be my intention as Deputy President to inject a new and youthful vitality to the Union.

People will ask me the most obvious question: "What experience have you had in Union affairs so far?"

During the course of last term, I was elected a member of the Entertainments Committee. Most of my sparetime is now spent helping with events that the entertainments committee organise.



With respect to my entertaining commitments students ask me: "Why doesn't the Ents Committee stage any big concerts?" The answer to this is quite simple. We (the Ents Committee) do not receive a large enough grant from the Union. This is one thing I am campaigning for, a larger Ents grant. I would also improve the facilities in the Union, such as the toilets, the kitchens, etc.

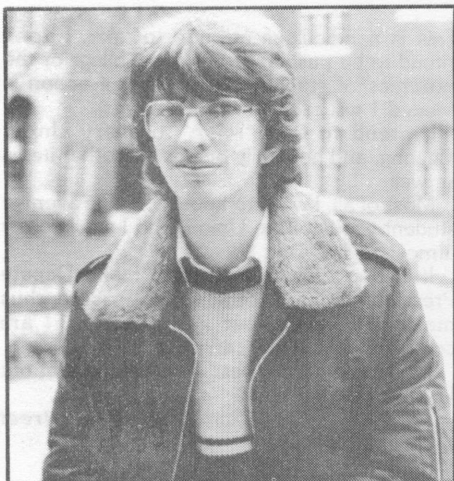
Student welfare is another branch of my conce(a)rn. It would be my duty to encourage more students to become aware of what is available to them. I would also vehemently oppose any infringement of student liberty and of their living standards, such as mid-session rent increases.

For more details see me at the hustings.

Lots of love from,

Gerard

Hon. Secretary: NIGEL CRYER proposed by Karl Schmidt



I've known Nigel since I've been at Imperial. He's friendly, approachable and well organised — all the qualities necessary for ICU Hon Sec. He's well acquainted with the committees and system of the Union and thus knows a lot about the job already. As a consequence, he realises the responsibilities which you shall bestow upon him by voting for him as ICU Hon Sec. He is the man to do the job and do it properly. So, for a well organised Union next year, vote Nigel Cryer for ICU Hon Sec.

Karl Schmidt

I see the job of Hon Sec in two ways; firstly as an administrative post and secondly as a representative of students. I will take the administrative responsibilities seriously since, if the Union does not run smoothly, then it cannot hope to effectively represent the students on important issues.

I want to see a new role for the Hon Sec — it has been all too easy for him to remain in the background but now, with education cuts, we are being exploited more than ever and the Hon Sec must come out from the shadows and actively join in the opposition. Some cuts are unavoidable but when they are obviously unreasonable, we must unite to fight them.

In addition to cuts, there are several other areas which I feel require improvement — attendance at UGMs needs to be increased to make them more representative and, with the possibility of a blind student in Maths next year, the facilities for such cases in College needs to be investigated.

I have the experience and enthusiasm to do the job of Hon Sec well so use your vote wisely and vote for me — by doing so, you are voting for an influential and well run Union.

Hon. Secretary: MARY FREEMAN proposed by Frank Rowsell

In my three years at Imperial College I have watched my contemporaries become more and more remote and isolated from ICU, initial interest and enthusiasm becoming dampened down.

I am campaigning on Mary's behalf because I am convinced her election will be a significant, as well as pleasant, change for the Union. She is a candidate who is amply capable of inspiring and motivating other people; hard work is no stranger to her and she is an effective organiser who is able to tackle problems without fuss. More importantly she is a good listener.

I urge you to give her the chance to show you this too.

Frank Rowsell

To be honest, my 'hack' credibility is absolutely zero. I have not sat on any of the following committees: Council, External Affairs, Ents, TUC, CBI, National Front Overseas committee. So, if you have never

been on any of these either I am the obvious candidate for you.

However, I am a serious candidate for this post, and as Hon Sec my priorities would be — to carry out all the administrative duties an Hon Sec is required to do.

— to function as an active member of the Exec in the political field.

— to thoroughly organise all the paperwork and minimize the bump (wherever possible).

— to investigate methods of improving the refectories' service (e.g. requesting that large displays, giving the opening times and a price list, be set up; investigating the reasons for the extortionate food prices).

I regard a sabbatical post as a full-time job, and not a 'year off', but I realise that it is not a straight 9 till 5 job, which means that I am prepared to devote as much time as is necessary to do the Hon Sec's job — and to do it well.



Hon. Secretary: ROBYN MORGAN proposed by Ray Goundry

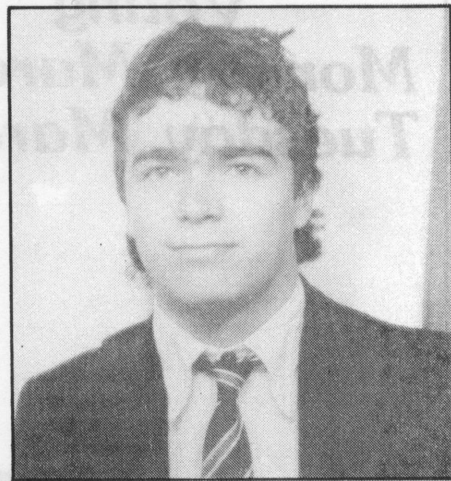
The job of Honorary Secretary has two sides: administrative duties and, to quote from the job description "...a political function as a member of the Executive committee". The administrative duties range from taking, reproducing and circulating minutes of the numerous committees on which he sits to allocating parking permits and being Returning Officer for Union elections. However, it is the political function as a member of the Executive that makes the Honorary Secretary more than just a nine-to-five administrator. Whilst it is the President's job to actually represent the views of students to College, to other students and to other external bodies, determining the views and suggesting solutions to any problems must be initiated by all members of the executive, including the Honorary Secretary.

I believe that I have the enthusiasm to perform the administrative duties required and

the desire to take a full part in the initiation and execution of ideas as part of the Executive. I will not be afraid to propose radical changes in the Union if this is needed but only if it is likely that such a course of action will serve the interests of students and *has the support of students*. I also believe that experience of the workings of the Union is, at least, desirable and, through being a member last year and chairman this year of the Permanent Working Party and thus having a seat on Council, I have the knowledge to perform my duties efficiently.

To conclude, I ask you first to use your vote. This does not of itself guarantee a Union that reflects its members' views but it is a step in the right direction. Secondly, I ask you to vote for me, for an Honorary Secretary who does more than his job is worth.

Robyn Morgan



Editorial



The Guff

By now you will no doubt have gathered that on Monday and Tuesday (March 8 and 9) next year's sabbatical officers will be elected. Only Martin S. Taylor has stood for FELIX Editor (so there will be elections for the posts of President, Deputy President and Honorary Secretary). His statement of intent will appear in next week's issue.

Hopefully you will have witnessed the candidates' antics at yesterday's UGM, and will have seen the bumpf they have produced. In this special FELIX supplement you can read their individual manifestos, all positively bulging with wonderful promises and extensive qualifications.

Before giving some advice on how to choose a candidate, I will explain the voting system used.

STV

Firstly to vote at all you will need a valid IC Unioncard. By showing this you can collect a ballot paper at any of the ballot boxes, which will be situated in all departments from **9:00am to 5:00pm on Monday and Tuesday**. The card will be punched to

indicate that you have voted. You must cast your vote immediately and not take ballot papers away.

The voting system used is the **Single Transferable Vote (STV)**, by which you express your preference by putting **numbers** 1, 2, 3 etc. by the candidates' names on the ballot paper. However, if you only have one preference put a 1 by that candidate's name and leave the other spaces blank.

The purpose of this system is that if there are three or more candidates for a post, your vote is not "lost" if your first choice candidate is not elected, but can help your second choice win over a third or fourth candidate.

To vote *against* a candidate, leave the space blank rather than putting a 2 or 3 against the name.

If you are unable to decide between the candidates for a post or know nothing about any of them, then I urge you to abstain by writing **ABSTENTION** across the boxes for that post.

For a valid election 25% of the Union membership must register a vote. Abstentions count as votes cast but spoiled papers (i.e. defaced, blank or with crosses) are not.

The election for a post will be re-run if someone registers a valid complaint on procedure with the Elections Committee, if less than 25% of the membership vote, or if all fail to pass quota due to abstentions.

Advice

It is important that we elect four sabbaticals who will perform their duties well. After all, these people influence the activity of the Union to such an extent, that you should make an effort to ensure an informed decision.

Firstly, by reading election handouts and posters you will be able to find out who is standing and why.

Hustings are usually a surprisingly good way of deciding — you'd be amazed at how people's real qualities are revealed during speeches and especially questions. If you didn't attend yesterday's UGM then ask a friend how the candidates fared. But a word of warning: **NEVER** be influenced too much by a proposer. You must remember that the proposer will not be doing the job and will normally have been chosen to say the few things that a candidate's modesty may prevent him from revealing personally.

As for the various promises made in the manifestos (and elsewhere), you must be critical; decide what you think that the sabbatical should do and then find the best candidate.

Some people warp the truth or lie outright, but you must try to choose people who intend to **do something** and not just keep the Union ticking over.

You should not be influenced by sex, race or other asides but choose the best person who has the ability to perform the duties required. Also do not pay too much attention to strings of qualifications, but concentrate on why one person's ideas might be better than another.

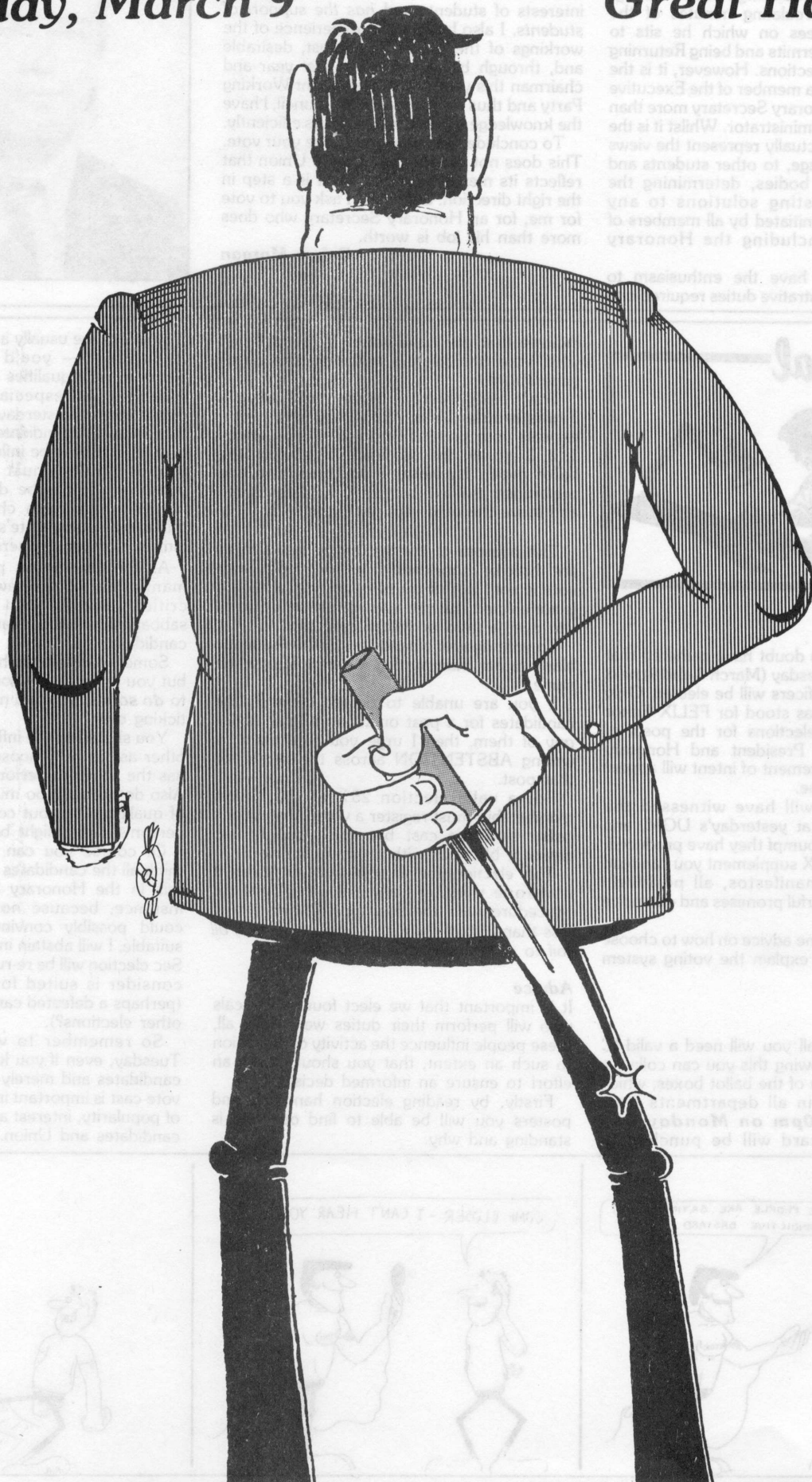
Of course you can always abstain if you think all the candidates are poor. I intend to do this in the Honorary Secretary election for instance, because *none* of the candidates could possibly convince me that they are suitable. I will abstain in the hope that the Hon Sec election will be re-run and somebody who I consider is suited for the post will stand (perhaps a defeated candidate from one of the other elections?).

So remember to vote on Monday and Tuesday, even if you know nothing about the candidates and merely wish to abstain. Every vote cast is important in that it gives a measure of popularity, interest and satisfaction with the candidates and Union.



Voting
Monday, March 8
Tuesday, March 9

Results UGM
1:00pm March 11
Great Hall



Socialist Soc

Grants Cut Action Week

Don't forget the march today from the University of London Union to Hyde Park.

Fares Fair

On Sunday, March 21, the cost of travelling on London Transport will double because of the House of Lords ruling the GLC 'Fares Fair' subsidy illegal. London will then have the most expensive urban transport system in the world.

Most rational people can see the necessity of subsidising public transport. Even under the Fares Fair scheme the public subsidy that London Transport received was lower than in many other European and American cities.

The only solution is to persuade the government to change the law. That's where you make your views known as someone who lives or works in London. Write now to your MP urging him/her to support the existing low fares policy. Secondly, join the lobby of MPs on Thursday, March 11 (meet at Central Hall, Westminster between 2:00 and 9:00pm) and support the march on Saturday, March 13, starting at County Hall, SE1, at 2:30pm.

Micro-club

Lectures

On Tuesday, March 9, at 7:00pm in Huxley 145 David Buckley of Micromouse fame will be telling us of the trials and tribulations involved in getting an electronic mouse to explore and find the centre of a large maze in the shortest possible time. Hopefully his own mouse Quester will be demonstrated. So all you hardware people out there, this is for you.

Tuesday, March 16, at 7:00pm in Huxley 145; this is a lecture you've all been waiting for. After much arm-twisting INMOS will be giving us a presentation on different aspects of VLSI and will be talking amongst other things about HDL—their chip design language and how Britain's microchip industry can compete with the Japanese. Hopefully we may also get an insight into their future productions.

News

As you may already know the Union have granted us the money to buy a BBC model B micro which will make a welcome addition to the club's equipment. When this new computer will materialise depends on the efficiency of Acorn, but hopefully it will be before the end of the current academic year. Also in the pipeline is a donation of an Acorn Atom by a generous benefactor together with, hopefully, a new wire wrap gun. We also have a line printer in need of interfacing, and a line to the College's mainframe.

For further details on joining the Micro Club drop a letter to Jon Davies of DoC2 via internal mail.

SF Soc

On Tuesday of next week the SF Soc will show the film that this bulletin reported as being shown last week. This is not my fault, I only obey orders. It is due to excessive thionite intake combined with a recent reading of *Slaughterhouse 5* on the part of the secretary. All those of you who keep back copies of FELIX can read my comments of last week for information on *The Big Bus*.

Scout & Guide

Next Thursday (March 11) at 12:30pm we are showing a film entitled "The Underground Eiger" in Mines 303 in conjunction with Caving Club. This film was first shown on ITV in 1976 and is about a world record breaking attempt on the longest underwater dive in Keld Head cave, Yorkshire. This is a superb film and gives a very good insight into one of the world's most dangerous sports. Not to be missed.

There are also still places left for the Scotland trip at Easter (March 27 to April 3). For further information contact A. Griffiths, Chem Eng 3.

Bookshop News

We are still getting asked for past exam papers. All our supply was handed over to the various departments a year ago, to be given to whom needed them free.

New Titles

Managing Job Satisfaction—Barclay Hankin, £3

The author has an honours degree in Communication Engineering from Imperial College and as a member of the British Civil Service Job Satisfaction Team, he applied his experience for over six years to pioneering experiments in change. The examples are drawn from this period.

Fortran 77—Donald M.Q. Monro, E. Arnold, £9.50

The author, a resident one, my description. "The man you love to hate", his description. His latest book *Fortran 77* provides a comprehensive introduction for students with a background in programming as well as those learning Fortran as their first language.

Enderby—Anthony Burgess, Penguin, £2.95

Ragtime—E.L. Doctorow, Pan, £1.50

Solomons Seal—Hammond Innes, Fontana, £1.75

Loosely Engaged—Christophere Matthew, Arrow, £1.25

Nancy Astor—Derek Marlowe, Penguin, £1.75

Getting Even—Woody Allen, Star, £1.25

Dancing Wu Li Masters—Gary Zukav, Fontana, £2.95

1982 Michelin Guide to Great Britain and Ireland, £4.85

Debrett's Correct Form, Futura, £1.95

IC Radio

Tonight at 8:00pm in Southside Bar IC Radio presents a *Viewpoint Election Special*. All the candidates for the sabbatical elections have been invited. Anybody who comes to the bar can ask a question, without all the fuss and bother of yesterday's Hustings UGM, and in a much more relaxed and informal atmosphere.

If you can't make it to Southside Bar (which I'm sure you know is now called Harry's Bar) at 8:00pm tonight, you can listen in the Halls round Prince's Gardens on 301m medium wave, or on gallery level in some of them.

PS: You may have expected this article to contain biting cynicism about STOIC, but they simply aren't worth the trouble.

Anti-apartheid

A motion has already been submitted for a Union General Meeting calling for an end to Imperial College contacts with South Africa and on Tuesday, March 9, the Liberal Peer, Lord Beaumont and Cosmas Desmond, a former political prisoner in South Africa will be addressing a meeting on "Apartheid and the need for Sanctions". This will be a good opportunity to hear first hand about South Africa.

Ents

In Ents we like to play a game. It's called 'Simon Says'. Basically it goes like this: If Simon says do something we immediately jump to and do it! And of course if Simon says don't do it we are more than happy to oblige—"Shaw thing boss!"

Well apart from that we are honoured to present an 'Alternative Entertainments Evening' with topical comedy revue 'The Chip Shop Show', four hours of rock promotional videos and a live band. Throw in a swinging 'alternative' disco, cartoons and the usual liquid refreshments gives you a fun filled evening. You're not doing anything else tonight so bring a pound note and enjoy!

Next week's film is none other than *The China Syndrome*. Usual place, time and price—be there!



Don't forget the Rugby Sevens on March 14.

The Mines/IF Disco is on March 11. Tickets £1 from RSMU and social reps.

Election papers are up, so start thinking about next year's officers. Gaynor



You voted for them, don't say Phil didn't warn you.

Here is the Annual Dinner bit. In a daring bid to set us free from Mooney, the Dinner will be an extravagant four course affair held at the Kensington Close Hotel on Friday, March 19. Tickets (heavily subsidised) are £9:50 available from dep reps and the RCSU Office.

With the money saved on this dinner subsidy, you can afford a delightful weekend in Paris (with RCS?) £25 inclusive of one night and breakfast in a "classy" hotel. Depart March 26 — last day of term. Put your name on the list of the RCSU Office.

The 1982 RAG RACE



STARTS TODAY!
SEE SOC. REPS. NOW

At last — a Rag Stunt!

This weekend is the annual 1982 Rag Race, so get your team together quick!

Teams of about 3 or 4 leave College between 3:00 and 7:00pm TODAY to travel to an area of the country. Here they visit universities, solve clues, sell magazines

and have fun.

Prizes are given for original forms of transport and mascots, clues solved and money raised for Rag charities.

So get your team together and sign on in the Union Lower Lounge between 3:00 and 7:00pm today.

SPORT

Wednesday, February 24

Football

IC I	vs	Royal Holloway I	1-2(H)
IC III	vs	Kings II	4-1(H)
IC V	vs	London Hospital II	4-2(A)
IC VI	vs	Guys III	5-1(A)

Rugby (Gutteridge Cup Semi-Final)

IC I	vs	London Hospitals	9-7(A)
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Saturday, February 27

Football

IC I	vs	Kings I	2-3(H)
IC II	vs	Kings II	0-1(H)
IC IV	vs	Kings III	6-0(A)
IC VI	vs	Kings IV	6-0(A)

Hockey

IC I	vs	ETESSA	3-3(H)
IC II	vs	ETESSA	4-0(A)

Badminton (ULU KO Cup Final)

IC	vs	Guys	5-6(H)
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Sunday, February 28

Rugby (Gutteridge Cup Final)

IC	vs	QMC	6-3(A)
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Hockey

Seconds

Out of the land of the North came the IC Second cohort under centurion Stroomus. They marched reinforced by a group of senators Forbus, Lilus and Eldrigian to clear the colony Chiswick of the Etessan natives. The power and tactics of the well-drilled battalion showed immediately despite the sticky, recently cultivated battlefield. Many powerful thrusts on the right flank eventually led to a goal by Forbus, assisted well by Eldrigian who played throughout with the speed of a siege engine and the skill of a battering ram. The second goal followed good work on the right flank by Farmus and was scored by Wylan, a wild tribesman from the frozen land far North. Individual skirmishes broke out between the armies, involving Sharpus and Forbus. Meanwhile Wylan had added to his second goal and Farmus scored just on full-time. The defense of Butlerus, Roessinkus, Pithketus and Sharpus played very well but undoubtedly the full praise of the empire goes to Jonus who shall be toasted by the legions throughout the world for his performance that day.

Team: Butlerus, Roessinkus, Jonus, Pithketus, Sharpus, Stroomus, Forbus, Lilus, Farmus, Wylan, Eldrigian, Birdus.

Ladies

To our surprise at 1:00 we found we had a grand total of five players!!! Despite being confident of success with this number we agreed that having seven would not give the School of Pharmacy players such an inferiority complex, when they lost. Fortunately we were able to drag another player from bed since the umpire knew of her whereabouts. Chris(tina) also readily agreed to play if we provided him with a skirt.

After only five minutes of play we were 1-0 behind due to Chris(tina) being overcome by the opposition.

Halftime oranges (what did you put in them Caroline?) and our captain's usual inspiring team talk soon resulted in three goals in less than five minutes to which another one was later added to bring the total to four.

Chris(tina) had a particularly good game, the SOP team members seeming to enjoy his physical contact! Caroline's good humour (wonder why?) and Chris(tina)'s legs contributed to an enjoyable game. All goals were scored by Alison, but Alison didn't score a hattrick. Thanks to Barry for umpiring.

Team: Alison, Alison, Alison, Caroline, Ruth, Karen, Chris.

Rifle & Pistol

As promised last week, the club outing to Bisley took place on Sunday, the aim of the trip was to introduce novices to the subtle art of full bore rifle shooting. Denis Sleath (Club Captain, contact via the Mech Eng letter-racks) took advantage of this trip by making his presence felt by all, but this did not improve his shooting however, which showed little overall improvement.

Some members, notably Steve Harrison, were slightly unsettled by the violent activities of the drivers, who were attempting to take the shortest route possible through 'S' bends in the country lanes.

It is hoped that some 'elite' members (those who shoot for the University of London!) will be able to shoot in the inter-CCU competition in two weeks time, again at Bisley over a range of 900 yards.

Whilst not participating in the Bisley trip, the skills of new members Denk-al-Salam were evident as he pulled out a '96' after dropping 3 on the first shot.



Football

Firsts

Date: Saturday, February 27, 1982

Time: 1600hrs

Place: Dressing room 3, Harlington Athletic Grounds.

Subject: ICAFC 1st XI

Casualty Report: A team barely alive. Suffered an untimely relapse at the moment of recovery (ref 1). We have the opportunity to build the world's first bionic team. We have the technology, we can rebuild them.

Chief Surgeon Ward will operate behind closed doors at Motspur Park Clinic on Saturday, March 6. The team will be put out for pasture for convalescence at 3:00pm.

Ref 1: Cf FA Cup Final 1979 Arsenal v Man Utd.

After a run of poor results IC Firsts have eloped to a secret location for altitude training to help them cope with the dizzy heights of the ULU Cup Final. Certain players have developed Skitsizophrenia as follows:

Ally—cutting down on the fags

John—advising Timothy Hutton on this weeks performance

Steve—playing for Twoting

Kev—hopes to lose half a stone and take the big jump from Blackpool Beach to Aintree

Steve—looking forward to it: the game as well

Doug—still looking young at 40, owes it all to Oil of Ulay.

Andy—in bed (with flu) after failing "physics" test

Fill—(who) at the Doctors (naughty boy)

Deano—looking forward to the tube strike—a day in The Station

Mal—having nightmares about open goals

Gray—got a virus, wonder if he caught it off Phil

Good luck to the seconds and hope Plan 069 works.

PS: Be in bed with ten.

Songs for the Firsts: The Final Preview

Aled Williams: "You Need Hands"

Steve Dunhill: "We Don't Talk Anymore"

John Lay: "Don't Stand So Close To Me"

Kev Reeve: "Without You" (Dedicated to Steve W.)

Steve Ward: "Falling Apart at the Seams"

Phil Nicolls: "Message in a Bottle"

Andy Page: "Too Young"/"Stuck in the Middle with you"

Doug Elsy: "Life in the Fast Lane"

Dave Dean: "I Can't Stand up for Falling Down"

Malcolm Carr: "Won't get Fooled Again"

Graham Rickard: "I'm Getting Married in the Morning"

F.B. Rolla: "Paranoid"



Swimming

Still smarting from last week's defeat at the hands of Bristol, IC took on Oxford University in our own pool. With the Varsity Swimming & Water Polo match due next weekend, they were keen to do "spillingly well, what-ho?" Consequently we were up against it again. We destroyed their women's team, i.e. they were too afraid of our women (Francoise, etc.) to turn up.

The men didn't do quite so well. Organisation and preparation of the IC team were of the usual high standard and rumours that some of the team were drunk and/or got up late are totally without foundation. Oxford were faster and fitter (not difficult!) than we were, and our only winner was Jim Boucher in the breaststroke, after a closely fought race with one of the Oxford machines.

Team: J. Campbell, J. Hillier, A. Kenrick, H. Moore, F. Lye, M. Tuck, N. Last, R. Leach, J. Boucher, C. Garton, B. Ashwin, Lindsey N.

Judo

The London University Team Judo Tournament was held for the first time for three years, we won last time.

In the first round we drew Brunel, a very strong team and also the ref was going senile so although we put up a very good fight we were unable to win more than two contests therefore we were knocked out.

There was also a repercharge operating so Brunel carried us through (in the end they won the gold) and we fought Multicolleges and showed them a thing or two. We won 3-1 with a bye making it 4-1.

This took us into the runners up round and meant we were fighting QMC for a medal. This looked as if it was going to be a task because our heaviest player was lighter than their lightest but we muddled through and so came away with a medal.

Cross Country

Hyde Park Relay

A rather chilly, cloudy day greeted the runners in the race on Saturday in Hyde Park. This had some advantages in that the annual problem of spectators on the course was less than usual. The race was quite a success with the fastest time for the men's three mile laps of 13.17 by Dave Clarke, only five seconds slower than the record of 13.12 set by H. Jones in 1980. He was, however, ineligible for a prize as he is a member of staff at the West London Institute for Higher Education.

Results

Fastest Men's Laps

13.27 Steve Harris (WLIHĒ)
13.29 Geoff Wightman (Bristol)
13.39 I. Archibald (Durham)

Fastest Ladies' Laps

11.29 Marina Samy (Bath)
11.37 Angela Tooby (University of Wales)
11.41 Susan Tooby (University of Wales)

Men's Teams

84.45 Loughborough
85.32 WLIHE
86.00 Cambridge

Ladies' Team

47.16 KU Leuven (Belgium)
47.47 University of Wales
49.16 Loughborough

Imperial College, not wanting to show anyone up, had a mens team in 75th position and a ladies team in 19th position out of a field of 110 men's teams and 29 ladies teams.

I would like to thank everybody who came to the event including the helpers, runners and even those who were just spectating.

Also thanks should go to Richard Smith, the organiser of this year's events, without whom it would not have been possible.

Bowling

The IC Doubles League came to an exciting climax last week with the last batch of matches leaving the final table as follows.

Pos.	Team	Pinfall	Points
1	HFC	9240	29.5
2	Pot Black	9310	29
3	'Kin Spiders	9049	29
4	Dragonslayers	8416	29
5	Split Johnnies	8344	26.5
6	Rangers	8376	25
7	Smith's Lot	6720	24
8	More Chaos	6019	19
9	Spot-On	8865	16
10	Gra-Fez	7593	16
11	International Rescue	6568	15
12	Handy Cap	4292	9

Congratulations go to Ray Cook and Chris Wells, who made up the winning team, Cook also scoring the high game (245) and series (560).

The top individuals had the following averages.

Andy McMullan 172
Steve Bryer 170
Martin Harrison 152
Ray Cook 150
Kai Choong 150



Rugby

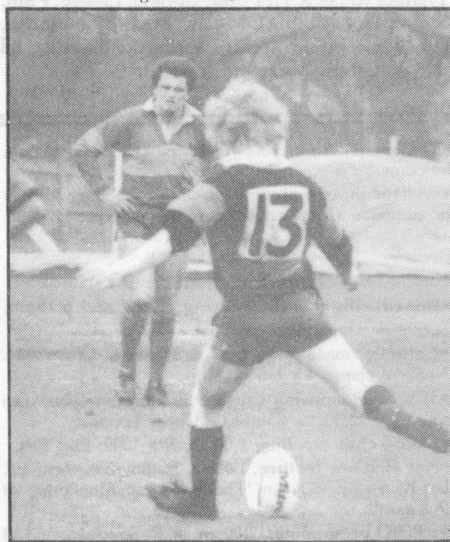
Gutteridge Cup Final

Though far from a classic encounter, the IC Firsts came away from Motspur Park ground with a sound victory over their Gutteridge Cup Final opponents, Queen Mary College, last Sunday. Steve Thompson's two penalty goals were sufficient to provide a 6-3 win in a game which sometimes produced promising ball handling, but the thrust of Downs and Miles Thompson was often cut out by the keen QMC back-row and three-quarters. Had the Gutteridge Cup not been at stake, Fazakerly might have passed the ball to his three-quarters more often, but sadly this was outside the tactics of the game. All IC's points came in the first-half, with the wind in Thompson's favour.

QMC lost two players during the battle and perhaps the front-five of IC's pack did give their opposition too much rough stuff. After the game, Adam Warby, IC's multi-talented skipper, was disappointed to hear that the England selectors did not consider him as a likely choice to fill the full-back position on Saturday. They felt his kicking was not up to scratch.

Many thanks to all the IC supporters who turned up to watch their idols gain victory.

Team: M. Thompson, D. Downs, S. Thompson, J. Weir, R. Flynn, G. Fazakerley, S. Johns, J. Manzoni, C. De Rohan, P. Richards, C. Henderson, P. Verity, W. King, A. Warby, J. Davies. Subs: J. Austin, A. Davies.



Badminton

Well we made it into the final, but were thwarted by the Leaves sisters of Guys Hospital. These two young ladies with various English European titles to their names proceeded to thrash us in the ladies doubles and single whereas our wonderful men annihilated the opposition with very little difficulty. This left everything to the three mixed doubles, which went 2-1 in Guys favour, not even the superstar pairing of Chris Hufflet and Andrée Mitchell could combat the younger of the Leaves sisters influence. The result was 6-5 to Guys.

Stage management, tactical coordination

and plastic cup fetching by our noble leader, Ian Bull.

Team: A. Mitchell, S. Ridd, B. Ions, L. Horrocks, H.K. Wong, G. Adamson, S. Willis, C. Hufflet.



Sailing

Castaways Cup

This is the most important and prestigious event in the UK sailing calendar, it is open to any team from London or City University and this year eleven teams entered, IC entered two teams.

On Saturday the sailing was in two leagues, the top two teams from each going through into a league on Sunday to decide the final placings. The "starboard" league on Saturday was won by ICI who won four out of five races, with University College second. St Mary's Hospitals/Kings College won the 'port' league with ICA second, scraping through by beating St. Thomas' Hospital in a race where both teams retired by sailing one lap too few and Thomas' took one more 'green' (penalty) than ICA.

On Sunday the wind was excellent for team racing and further interest was provided by a large number of Wembley S.C. boats who were racing round some of the same marks as UL. St. Mary's Hospital retired after being resoundingly thrashed by ICA and UC. As ICA prepared to sail ICI the course was changed and had to be sailed in the opposite direction. This led to the Lewis epic "push everyone the right side of the mark and then sail the wrong side yourself manoeuvre". Following this, Chadwick leaned out over-enthusiastically and missed the toe-straps on the beat and went swimming. Ajderian covering Lewis on the final beat forced him to gybe to break the cover and gave ICA first, second and fifth on the line..

ICI, sailing excellently, beat University College convincingly in both the races they were to sail against them.

ICA beating UC in a close fought contest by 11 1/2 to 11 3/4 pts, made it clear that the real competition was between two IC teams.

The violence on the line caused surprisingly only one collision and despite five of the six boats arriving at the windward mark together, there were no collisions there. The sixth boat, sailed by Curwen, had recrossed the start line and was some way behind. Places changed continuously down to the leeward mark where, again, Adj started sitting on Lewis and general malevolence emanating from all quarters meant that by the second rounding of the windward mark six collisions or infringements had occurred, three by each side. Then in a fair(ish) fight ICI won but not by a sufficient amount to have an overall win over ICA.

This left ICA only to beat UC for the overall title, they did this excellently pushing one UC boat to the back requiring UC to get first place to win. On an excellent final beat the super heavy weight Nick Adj again pulled through into first place allowing Mills who had sailed consistently well throughout the weekend into third race.

Thanks are due to Castaways for excellent social and racing organisation.

ICA team: S. Curwen, J. Bennett, N. Ajderian, J. Redman, P. Mills, R. Tostevin.

ICI team: C. Lewis, G. Dalton, G. Kennedy, A.N. Other, D. Chadwick, A. Youghusband.

Editorial



An apology

I apologise for the severe cuts made to articles this week. I'm afraid that the election manifestos have necessitated a reduction in the space available for clubs, societies, etc. Hopefully I've included any vital information and normal service....(yawn, yawn).

Letters

It has been suggested that I make up or commission all the letters! This is absolute rubbish. My letters would be far more interesting than the drivel I've received in the past few weeks. Where have all the good letters gone?

The Barclays Bit

I must admit that I expected to be challenged over including a Barclays advert earlier. Mr Garside's letter is to say the least fairly predictable, but it does merit a response.

Firstly, I will happily except adverts from Barclays for financial reasons. This bank and others provide a large amount of support for various publications (and hence indirectly the Union) by advertising.

Without their support the Union would have to save in the order of £1,000 elsewhere—perhaps by abolishing Socialist Society, Anti-Apartheid Group, Labour Club, Liberal Club, etc., etc.? I'm certain that such committed individuals would rather fund their own activities than take money from Barclays.

However this argument is not really sufficient by itself. A more important reason is personal freedom.

I must reiterate that I abhor censorship and believe in freedom of expression. Whilst sympathizing with the fight against apartheid I would not willingly exclude adverts from anyone (even vile multi-nationals) as I believe that individuals at Imperial College are intelligent enough to discriminate between the companies and organisations with which they want to be involved. Students are well aware of the issues involved in South Africa, including Barclays' involvement, and can choose whether they wish to bank with them or not.

Perhaps most important of all, Barclays are a damn good bank and are not the only investors in South Africa. Unfortunately South Africa has a tight grip over international finance due to its mineral wealth and, unless we wish to trade with the Soviet Union for gold, uranium, etc., we are stuck. Personally I find the Soviet Union's system of 'democracy' equally unacceptable.

By not giving people the chance to choose we are repressing their own freedom. So come on Anti-Apartheid persons, stop complaining. It's just not cricket.

Hustings UGM

This wasn't half as exciting or entertaining as usual. Presumably this was due to the candidates themselves.

The only positive thing to come out of it was to reaffirm my conviction that I should abstain in the Honorary Secretary election, as none of the candidates struck me as being outstanding. As for the others, judge for yourself by reading their manifestos.

Remember to vote on Monday or Tuesday and bring your Unioncard.

Credits

Thanks to Nick T., Peter, Soheel, Lesley, Paul, Steve, Dave, Jon, Dave R., Nick W., Martin, Izy, Jez, Danuta (who I forget last week), all the collators, Maz and Ian.

SCARAMOUCHE

There's a very famous problem involving twelve coins, all of which look the same, but one of which is a slightly different weight from the other eleven. With just an ordinary balance, which can be used to compare the weights of two piles of coins, you are asked to find the fake coin and determine whether it is too heavy or too light.

In the standard solution to this puzzle, the second and third weighings you make depend on the result of the first weighing. What I'm after this week is a solution to the fake coin puzzle in which all the comparisons are specified before any of the weighings are made.

Solutions, comments, criticisms to me at the FELIX Office, please. There is a prize of £5 (donated by Mend-a-Bike) and two tickets to the IC Orchestra concert next Friday for the correct entry selected at 1:00 pm next Wednesday.

Last Week's Puzzle

About twenty people got last week's puzzle right, and about twelve of them found it remarkably easy, since they'd all made the same arithmetical slip. I'm reluctant to award the prize to anyone who got a (quite difficult) puzzle right just because their maths is faulty, so I'm holding the competition open for another week to allow those people who gave no reasoning with their solution to submit a few words of explanation.

Dr. Berkshire in the department of mathematics has pointed out that there is a slight improvement to the method for balancing dominoes which I described last week. If you move the top domino slightly towards the centre of the table, then the bottom domino can be moved further out over the edge, allowing a minute extra overhang.

What's On

Friday, March 5

- **Socialist Society Bookstall**, 12:30-2:30pm, JCR. Books and Campaign Coffee for sale.
- **IC Angling club meeting**, 12:30pm, Southside Upper Lounge.
- **BUNAC meeting**, 12:30pm, Green Comm Rm.
- **Christian Union meeting**, 6:30pm, Music Rm, 53 Princes Gate. Jesus' relationship with God. All welcome.
- **Election Special**, 8:00pm, Southside Bar. Come along and ask all the awkward questions you thought of after yesterday's Hustings UGM.
- **Soup Run**, 10:30pm, Falmouth Kitchen.

Saturday, March 6

- **Nuclear Disarmament 'Teach In'**, 10:00am to 5:00pm, Huxley Building Rm 213. An opportunity to discuss and learn more about some of the issues involved in nuclear disarmament. Morning: four eminent speakers including Philip Noel Baker. Afternoon: workshops to discuss issues in greater depth. Price £2 waged; £1 unwaged (including students with Unioncard).
- **West London Chaplaincy sponsored walk**, 7:45am, meet at More House.

Monday, March 8

- **Hang-Gliding club meeting**, 12:30pm, above Southside Bar.
- **Badgesoc lunchtime meeting**, 12:40pm, Stan's Lounge.
- **Chemsoc lecture**, 4:30pm, Lecture Theatre C. Professor G.R. Luckhurst (Southampton Univ) speaking on 'Liquid Crystals'.

- **TM Soc meeting**, 5:30pm, Huxley 411. All meditators welcome.

- **Wellscoc** proudly present the world's leading authority on vampires. Come at your peril. 7:30pm, Elec Eng 408.

Tuesday, March 9

- **Boardsailing club meeting**, 12:30 and 6:15pm, Southside Upper Lounge.
- **Catholic mass and lunch**, 12:30pm, Chem 231. Nominal charge for lunch.
- **3F's Scandanavian sausage lunch** (bring your own sausage), 12:30pm, Southside Upper Lounge.
- **Riding club meeting**, 1:00pm, Rm 1009, Elec Eng.
- **Nat Hist soc lecture**, 1:00pm, Botany Basement LT. Dr K. Dalby (IC) on 'The Biological Monitoring of Pollution'.
- **STOIC programme**, 1:00pm, JCR, Southside and all Halls. A second chance to see the STOIC Christmas Special.
- **Speaker meeting**: Apartheid and Sanctions, with Lord Beaumont, Cosmas Desmond, and Mike Terry, 1:00pm, Huxley 213. Arranged by Left Alliance.
- **Mech Eng Soc presents 'From NASA to space-blankets—a new technology in metalised plastics'**, 1:15pm, ME542.
- **Anti-apartheid picket of Barclays**, 2:00pm.
- **IC Amnesty group meeting**, 5:30pm, Green Comm Rm.
- **Sir Kenneth Corfield** on 'The Future Role of Engineers', 6:00pm, Chem Eng Theatre 1.
- **Dr Raine** lecturing to Astrosoc on 'The Superstructure of the Universe', 6:30pm, Physics LT2. Free to members.
- **SF Soc Film: The Big Bus**, 6:30pm, ME220. 50p non-members, 20p members. See last week's SF Soc Bulletin for details.
- **Socialist Society speaker meeting**: The Ecology Party, 6:30pm, Green Comm Rm.

- **Dancing club beginners class**, 7:30pm, JCR.
- **ICAG Soup Run**, meet 10:30pm Falmouth Kitchens.

Wednesday, March 10

- **TM society meeting**, 1:00pm, Huxley 411. Videotape of Maharishi Mahesh Yogi talking about 'Love, Expansion of Happiness and Refinement of the Physiology'.
- **Anti-apartheid meeting**, 1:00pm, Union Upper Lounge. The Anti-Apartheid Secretary, Mike Terry, will be speaking.
- **Wargames club meeting**, 1:00pm, Union SCR.
- **IC Trampoline society meeting**, 5:30pm, Courtauld Hall, QEC, Campden Hill Rd.
- **Dancing club intermediate class**, 7:30pm, JCR.

Thursday, March 11

- **The Underground Eiger**, a film about cave-diving in Yorkshire, 12:30pm, Mines 303.
- **STOIC presents News-Break**, 1:00 and 6:00pm, usual places.
- **Christian Science group meeting**, 1:00pm, Seminar Rm, Level 2S, Botany.
- **STOIC programme**, 1:00pm, usual places. Election Special! Live from the Great Hall. Results of Union elections as they happen. Summary at 6:00pm.
- **MOPSOC Lecture 'The use and applications of the ICL DAP'** by Dr Heather M. Liddell from QMC, 1:10pm, Physics LT 2 (level 1). Free to members. Non-members 10p.
- **Dept of Humanities** presents a lunch-hour concert: David Bogle (violin) and Maureen Parrington (piano), 1:30, Music Rm, 53 Princes Gate.
- **Gliding club meeting**, 5:30pm, Aero 254.
- **Real Ale soc meeting**, 7:30pm, Union Crush Bar. AGM and three different beers. SU cards required.
- **Mines/IF Party**, 8:30pm, JCR. £1.00 from RSMU.