

Biology Want More Of Union Building

Up to half the Union Building will be converted to academic use if the Biology Department's plans go ahead. In addition to the Bot/Zoo Common Room and the Lounge, the department has plans to convert other rooms on the ground and first floors of the Union into labs and lecture theatres.

The need for extra space for Biology has arisen from the decision to sell the Ashurst Lodge buildings at Silwood Park. Silwood is the College's field station near Ascot, where a large part of the Biology department is based. At present research is carried out there on two main sites, Silwood Main House and Ashurst Lodge, which are nearly half a mile apart. The sale of Ashurst would necessitate the re-housing of research groups based there either in South Kensington or in new buildings near Silwood Main House. It is to house those to be moved to South Kensington that the department wants to take over parts of the Union Building.

Professor Anderson, Head of the Biology Department, is believed to want the sale to go ahead so that as large a part as possible of the department can be moved to South Kensington. Only research which needs the special facilities of Silwood would then remain at the field station. Staff based at Ashurst Lodge have been asked to consider whether they need to remain at Silwood or can be moved into London.

The move from Silwood to

South Kensington would not take place quickly. After being sold, most of Ashurst Lodge would be leased back from the new owners to accommodate College staff until new labs were found for them. Thus the take-over of the Union Building might not be presented as a single package, but could be achieved piecemeal over several years as a phased withdrawal from Ashurst Lodge takes place. If the Lounge and Bot/Zoo are taken next year, they could be followed by the UDH and SCR in subsequent years.

The plans are of course dependant on finding a buyer for Ashurst Lodge. There is only one potential buyer at present, believed to be the Commonwealth Institute for Biological Control (CIBC), a commercial research institute who already have some staff based at Silwood in the Main House. They are interested in acquiring more space for future expansion and are considering Ashurst Lodge as well as possibilities on other sites. A decision is expected from the CIBC next month. However, planning permission has already been obtained for new buildings near Silwood Main House, some of which will form the Technology Transfer Centre (based on the 'Science Park' idea) but some of which are designed to re-house research at present carried out in Ashurst Lodge. Building is expected to commence in March or April next year.

NUS Kop It

Liverpool University Guild Council have decided by 38 votes to 34 to withhold half their NUS affiliation fee, a sum of £15,000. At an earlier Union General Meeting a motion to disaffiliate from NUS had been defeated. The motion passed at the Guilds Council meeting claimed that NUS was 'an agent of the Labour party' and expressed dissatisfaction with 'extravagant' spending, a profit of £1/4 million and reserves of £1 million.

Deputy President Andy Wilkinson said they had submitted a motion on reform for the NUS Conference, which NUS first claimed not to have received. Later NUS said they had received the motion, but that it had not been accepted. He went on to say that Liverpool University Students' Union pays four times the national average in affiliation fees. The Union is awaiting a reply from NUS which may have been delayed as there is a postal strike on at the moment.

The NUS Press Officer commented that it was up to Liverpool Students Union 'to sort themselves out' and that there had been a political faction within the Guilds Council who were effectively overruling the decision made at the UGM not to disaffiliate. So far no decision has been taken regarding the non-payment of half the affiliation fees, or whether the matter will be discussed at next month's NUS Conference.

ICU President Carl Burgess claimed that it is being speculated that Liverpool Students Union are trying to get themselves expelled from NUS despite the UGM vote to remain affiliated.

Sweeney Strikes

Scab Nite and the Lounge Beach Party were closed down by security at midnight on Saturday. This occurred after the Union Bar gents lavatories had been vandalised by a Cardiff Miners sports team, who had been playing RSMU. Security guard, Terry Sweeney, said he thought there was something odd going on, when he saw loads of people walking past his office with pieces of copper piping.



The Guilds hit squad gave Stirling Moss an unexpected drive around South Kensington on Tuesday. In a daring raid masterminded by Field Marshall Roger Preece, the motor ace of the early 60's was bundled into Bo by two heavies, one brandishing a pop gun, and whisked away at a daring speed. Guilds henchmen were then despatched to the lecture theatre where Mr Moss was due to give a talk and demanded vast amounts of money for his prompt return. The victim eventually arrived ten minutes later and was said to be cold but none the worse for his ordeal.

FELIX The Newspaper of Imperial College Union



Editorial

Vandalism

Last Saturday the Union Bar was apparently smashed by sportsmen who had been involved in the RSM v Cardiff sports games. Every year when RSM play either Cambourne or Cardiff at home some part of the College gets smashed up. Sport is about playing hard on the field and then socialising off it. It isn't about smashing the place up. Hopefully, anyone caught vandalising the the Union will be disciplined and Cardiff will be sent a bill. This, though, is not enough. Sports fixtures with teams who have vandalised the Union should be cancelled. Tradition is no reason to continue sports fixtures that result, as Saturday's did, in significant damage to the Union and the early ending of two well attended and peaceful events.

Sex Special

The Sex Supplement is a new idea. Please come and tell me what you think. If you like the idea of supplements, we're considering printing several next term. People have suggested that we run specials on style, hippy culture and nuclear disarmament.

Union Snack Bar

The Union snack bar will now be open from 5.30pm until 7pm every Wednesday. If you play sport on Wednesdays and feel hungry after the game, why not go and eat at Norman's.

New Bar

Rob Northey is opening a new wine bar in the Southside Real Ale Bar (next to Southside Bar) serving decent pizzas (ie ones made to order rather than crap ones that are served in the refectories) etc on Monday. Give it try it could become the place to eat.

Rag

Rag Week is still in progress. The 1,000,001 down darts will be taking

place all weekend. Go along and support by throwing a few darts and go to the RCSU office and pick forms so that you can get sponsors.

Carnival looks set to be a massive success. Be part of the success by turning up and supporting the event.

CCUs are organising a rag collection tomorrow. Turn up at one of the CCU offices at 10am. There is a magnum of Champagne for the highest collector.

Photosoc

FELIX and Photosoc are running a photo competition. To enter you don't have to be a member of Photosoc. All you have to do is submit a portfolio of colour or black and white photos to the FELIX office before the start of term.

Credits

Thanks to Tony Churchill, Rosemary Hosking, Dave Jones, Bill Goodwin, Richard Smith (could you come and see me in the office please, Richard), Andy Vickers, Sunny Bains, Richard Ellis, Sarah Kirk, Chris the photographer (you really must tell me your surname), Chris Edwards, Jane Spiegel, Kamala Sen, Jim Clayden, J Martin Taylor, Debbie Wilkes, Ian Thomas, Mark Cottle, Nigel Atkinson, Grenvil Manuel, Paul Basham, Chris Clements and Jelly.

I'd also really like thank to Sunny Bains for organising, editing and slaving over the Sex Special and Ian Thomas, Chris Murray, Pete Wilson, Brian Morrison, Judith Hackney, Roger Preece, Chris Edwards, Mark Cottle, Carl Burgess, John Burgess, Andy Vickers, Jane Spiegel, Pete Hobbs, J Martin Taylor, Dan Salmons, WIST and Paul Merckx who helped on it.

There will be a staff meeting for all FELIX staff at 12.30pm today to discuss specials, Christmas and other things.

LETTERS

STOIC: The Sequel

Dear Hugh,
In reply to your Editorial comment about the STOIC 'All Nighter', I would like to make clear one or two points.
1) *Electrical Engineering* do not control the TV Studio.
2) I made it very clear to the current STOIC chairman that over-all approval would have to be obtained *before* such an event could take place. It is not my fault that they published details before doing so!

3) *STOIC* do not own the TV Studio.

4) The studio is here to provide a production service to all departments in Imperial College (and has done so since 1976).

STOIC is lucky to have such facilities available to them and at times does not appreciate the very low studio charge being made to them and the time which I put in on Tuesday and Thursday evenings and during Wednesday evenings (sometimes up to 9pm) for the making of *Newsbreak*—all this is unpaid time on my behalf (you don't hear me complaining about that!).

I feel that *STOIC* is becoming like a spoiled child and that efforts; and time making 'All Nighters' could be better spent on improving what purports to be a *News-magazine* programme.

Regards,
Colin Grimshaw,
Production Manager,
TV Studio.

PS Why don't you do a *Feature* on the College TV Studio, and show what it does do!!

Dear Hugh,
After last week's decision it has never been so obvious how much college hostility there is towards *STOIC*. Not only that but the minimal Studio time that the union can afford has reduced programme output by 25%, causing complaints from the viewers.

If the Union think College will subsidize *STOIC* like it did that famous row-boat it is mistaken. Yet again the UFC has postponed the five year planned Studio

upgrade—probably until *STOIC* is actually kicked out of the College Studio, which after years of inactivity has found more profitable pursuits than producing student activities.

Come on folks lets have a few quid to produce things you want to watch ie films, vidios, time switched programmes and of course the type of union reports you saw on Guilds other video.
Yours tired of taking this shit
Richard Copnall.

FELIX: The Boredom

Dear FELIX Editor,
BLOODY BORING—this is how we feel about recent editions of our wonderful paper FELIX!

Its OK to have the occasional article of political/serious discussion however this needs to be spiced up with an equal amount of:-
SCANDAL, ADVENTURE, NAUGHTINESS ETC.

Go read *The Sun* I hear you cry—we'll we do! But it would be nice to think we could also enjoy reading the College paper each Friday after all it is supposed to be written for us.

People at IC aren't all politically active, socially aware, or even remotely interested in anything of the sort. Lets face it some of the people at IC are fairly unhinged but this does not mean that they shouldn't be catered for:-

What's wrong with articles about err... Rhino's willies (have you seen the size of them?), Lesbian cows (they really do go far! you know) and the sex appeal of bald headed economics lecturers (woooooo!)

So it might provoke cries of rudeness, irrelevance etc etc.. So What!

It might be that people have been too apathetic to contribute any articles to FELIX. However I think this reflects on the editor—if you included interesting exciting articles, you might get interesting exciting articles written for you. If you continue to publish the political ramblings of one or two people we might think that's all you wanted.

It is not only the subjects of the articles but also the boring nature of the

prose...etc, etc, etc. Anyway I think you get our point.

In the hope of a more exciting FELIX.

Yours,

Mike Bishop, Sarah Hodgson, Phil Sparks, and probably three-quarters of the College.

PS We would write you articles on the above mentioned and other equally interesting topics. However at the present time we have little confidence in their eventual appearance in our wonderful paper. We await your assurances with eager anticipation.

Dear Students,

Hi students! This is an important notice! It could change your life! Then again it may not! Now, think carefully students! I'm going to ask you some questions!

Are you: Fed up with boring old FELIX? Fed up with trying to comprehend the incomprehensible 'Arts' section?

Fed up with the silly sideways front page? Fed up with reading reviews cribbed from Time Out? Fed up with nauseous, pointless 'Sex Specials'? Fed up with tiresome, tedious indulgent QT articles? Fed up with that swotty bastard who's always sitting in the front in lectures.

Fed up, aw sodit all, fed up with life itself?

Well! What you need, what you *really* need, is a great night out! At the Guilds Carnival of course! It's Tonight! It's Fun! And it's Free!!!

Well actually it's £4.50 but it'll only be £4.00 if you really hurry! Do come!
Ian Thomas

BOring

Dear Sir,
I am writing with regard to a piece of erroneous reporting in your esteemed publication.

It concerns the College mascot, Boanerges. It is correct to refer to Bo as 'he', his sex being determined many moons ago, and whilst I am quite happy to accept that this could have been a spelling mistake on your part (vis writing 'her' in your article) the other information, or rather misinformation, that 4 hours is the usual time is well in error. This is in fact an incredibly fast time, so

fast in-fact that we lost half an hour at one point waiting for the tender car to catch up.

All of the above could have been easily confirmed by any Guilds hack, so you really have no excuse for getting it wrong.

*Pedantically yours,
Ed Ashford, Bo Driver.
PS Get it wrong again and we'll send the boys round.*

Bookshop Reply

Dear Editor,

Regarding the councils worries about the Bookshop. We do not have an overdraft. We have an overdraft facility if it is needed. Any union official or student can come to see me at anytime to discuss any problem regarding the Bookshop, after all it is your Bookshop. If they did they would have up to date information.

With regard to our stock levels, lecturers are asked to let me have their recommendations in June for the coming Academic year. From the information received I order a percentage of books according to the number of students taking into account previous sales patterns. They should also let me know when the books will be required. Unfortunately some put October when they may not be needed until January as happened last year, thereby seriously affecting our cash flow. If we do not stock all recommended books people complain, if we do and they haven't sold in the first month of term it still worries people including me.

Since I have been here I have insisted that the Bookshop committee meets monthly so I can keep the students representatives of each of the unions up to date with the latest developments.

*Yours Faithfully
Roy Hicks
Manager*

IC Defectors

Dear FELIX,
Following our recent visits to ULU it has been demonstrated to us how bad life at IC really is. Why is it that the only thing IC is famous for its DRUNKEN, BORING MALE SCIENTISTS, who only lift

their head out of a text book to attend union bar nights. FELIX, as the main (only?) source of information to IC students must be to blame for portraying this image of our College, with four front page 'LEADERS' out of six about bar problems. Do you honestly believe this is the most important thing in students minds? Or is it simply a fact that nothing of greater interest happens at our College.

This image of IC has been typified in last weeks LONDON STUDENT where it comments about the recent Charity Rag Beer festival at IC on Wednesday 13 November;

'The thought of all those Physicists staggering around drunk is enough to make me sick before they are. This is one for laying down and avoiding'.

Although we are one of the largest colleges in London University, and one of the most respected by industry, we seem to command a very low respect from ULU receiving little attention in their student magazine. Is this the fault of ULU deliberately ingoring IC? Or is it the fault of IC isolating itself from the rest of the university? We think

it is the latter. We do feel isolated because we are not affiliated to the NUS and when was the last time we had an opportunity to vote on this position? Certainly not since we have been at College.

We realise that our situation in South Kensington doesn't help, but many other College not in close proximity to ULU manage to be more involved in the Union. How many IC students have ever been to ULU, or even known where it is—we think not many.

Very rarely, maybe for the mentioned reasons, do students come to IC, whereas our students must go elsewhere for our enjoyment. The amount of IC students, at QEC (KQC) on Friday night illustrates this. We think IC, despite its disadvantage has something to offer London students. People who have been elected to responsible positions should be trying harder to encourage integration between London students rather than the integration of IC males in the union bar. You never know, it may be found that there is life outside IC.

*William Morris Physics 2,
James Wilson Chem Eng 2*

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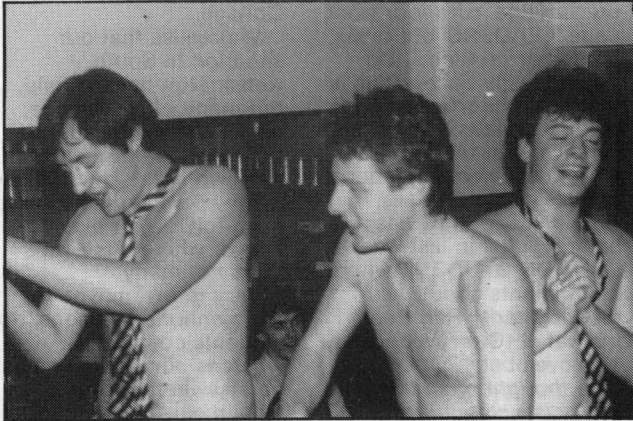
STA TRAVEL
The Worldbeaters



GOVERNMENT BONDED UNDER ATOL 822
IN ASSOCIATION WITH SATAC CHARTERERS



Small Is Beautiful



Several students obviously found the Union bar rather warm on Monday evening. Dave Page, Simon Redlich, Symon Corns and ICU Deputy President Dave Kingston decided to reveal all and paraded naked on one of the bar tables.

Several women who were present commented that if this is the way men were going to behave, then perhaps they should not be allowed in the bar.

The unscheduled barnight was held after IC students had been turned away from the Britannia, the intended venue for the Drink-a-pub-dry evening. The pub was closed down at about 9.30pm, when the students began singing.

FELIX has cropped the pictures so as to preserve the modesty of the gentlemen concerned. The complete photographs will be published next week, however, unless each of the self-publicists make a donation of £10 to Rag. Beware boys; the FELIX Sex Editor has described the evidence as 'unimpressive'.



Last Friday's Rag and Drag Disco was a great success. Putting on the style (above) are IC Union's favourite socialites, (John Ingham and Kathy Tait).

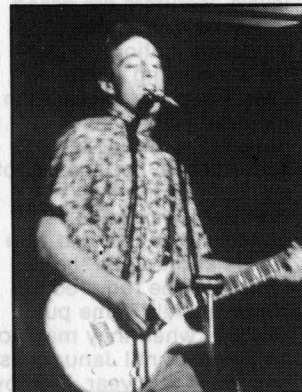
Mines Sling More Shit

RSMU won the battle for the Morphy oar on Wednesday. The oar itself came off second best, however, and had a blade broken in the struggle. Guilds later gained revenge by winning the CCU boat race.

The Morphy Day reconciliation barnight was disappointing. During the evening Union President Carl Burgess disappeared, taking with him the keys to the Upper Lounge, where two barrels of beer were stored ready for when the bar closed. Mr Burgess also had the clues to the 'Idiosyncratic Event', which was to take the form of a treasure hunt. As a result, when the Upper Lounge was finally opened, the beer had to be given away free.



SCAB Sings The Blues



SCAB Nite was a major success, even though it was closed down early. Pictured above are one of the bands who appeared at the event

Carl In The Drink

ICU President, Carl Burgess, was soaked on Tuesday evening while using the Sherfield toilets according close aides of his. The Phantom Soaker wrote to FELIX two weeks ago stating that he would strike five times on Tuesday 19 November. Sherfield Security told FELIX yesterday they had no knowledge of any attacks this week.

Bondage

Around £250 was raised for Rag by Monday's 'Slave Auction'. Twenty students volunteered to act as slaves for one day and were 'sold' to the highest bidder. Rag Chairman John Ingham said that the auction was a great success, especially as it was the first time the event had been held.

Disappointing

There was a disappointing turnout for the RCS Street Collection on Saturday. Only an estimated 30 students took part, and a second street collection is being organised for this Saturday. Rag Chairman John Ingham said that he was disappointed with the publicity for the event.

Friday's 'Exec Torture' was cancelled owing to lack of support.

**RCSU Street Collection
For VSO
Meet at 10am, RCS Office
To pick up collecting licences
Turn up in teams
Magnum of Champagne
For highest collector.**

**RCSU 1,000,001 Darts
Collect sponsor forms
From the RCS Office
Turn up in Southside Bar any time
during the weekend to throw darts.**

BELOW THE BELT



Arts

I was sitting in the office this morning minding my own business when in runs Southey yelling something about Rattink's been run over by a car and would someone else write Below the Belt. Well no sooner could I ask where to put my small ad form than here I am forcibly sat at the desk with a lot of illegible copy trying to cobble it into something coherent. Anyway what follows is as close as I could get to a weeks gossip at IC.

Friday saw the one day in the year when the rumoured 25% gay population of IC can mingle unashamedly with their friends without the

conventional restrictions on dress, Rag and Drag disco. And unless the usual blackmail payments are forthcoming we will publish the names of those union officers who didn't have to go out and get suspender belts!

Saturday night probably saw a party in the flat of two notable CCU hacks where half of RCS were seen to get off with the same Guilds fresher, half of Guilds were seen having oral sex with a well known life scientist in the lounge and three miners spent the evening lacing drinks with human urine. Guilds President Roger Preece was also seen in a merry

state that evening; our Roger was seen trying to gain admittance to a party at a Mews flat near College at a thoroughly ridiculous hour of the morning. (This item carried with it the following note 'The fools still haven't caught him knocking off a woman').

For Sunday there is a list of who was 'bonking' in which room in Selkirk but this has been made illegible opposite three numbers.

Monday most of the people worth writing about were simply pissed at the Drink-a-pub-dry and incapable of doing much apart from vomit on cars, embassies, mews flats, beds and all the other places reserved for such activity. There is also a note from someone Newman claiming that a person in Linstead is smoking cannabis—what tripe!

Tuesday was the Dirty Disco at which a certain well known CCU officer managed to obtain some distinctly perverse services by claiming that the object beneath his mack was

really a banana. Again there is a one week deadline for a contribution to Rag or we publish the names of those concerned. Also observed Tuesday were two ex-RCS hacks selling an Oxo cube to a Mines rugby player. Can it be coincidence that the latter was seen seeking an M Newman in Life Sci?

Wednesday morning is when this crap has to be printed by, but already today those likely lads from Guilds are at it. Early this morning while collecting obnoxious material for Morphy Dag our heroes managed narrowly to avoid writing off their van in the Thames and later found themselves locked in Billingsgate market; keep it up lads. Finally, I am apparently not allowed to claim that Rob Northey is the phantom soaker. So instead I'll note that our illustrious editor is showing distinct signs of discomfort when ever the 'Chelsea Fat Man' investigation is mentioned. What do you mean I'm supposed to make it all up?!

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- Graduates with an interest in Finance, Commercial Management, Administration, Public Relations or Personnel work, for our Non-technical Training Scheme.

Why not come to discuss our opportunities with us?

We are holding
an evening
presentation on
NOVEMBER 27
at 6.00 pm
in the

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Contact your Careers Service
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Manager of Personnel and Administration, CEGB (TPRD), Courtenay House, 18 Warwick Lane,
London EC4P 4EB. (research vacancies)



Small Ads

ANNOUNCEMENTS

- **Beware thieves about!** Handbags, wallets etc have been disappearing around College.
- **Scream Blue Murder** presented by the Shadow Syndicate on Wednesday 27th November, for one night only. At the Chaucer Theatre, Sedewick Centre (opposite Aldgate East Tube), at 7.30pm, admission £2. After successful runs at the Edinburgh Festival and at the Gate Theatre Notting Hill, this play has been chosen to open the London Young Playwrights Week (part of the London Youth Festival).
- **Student Parking areas!** Students with permits **must not** park in numbered bays, or in the wrong area, if they do they will be fined and their permit withdrawn. Permits with a **Blue H** should park in the middle of the road outside Civ Eng and in front of Chemistry and down the side of Chem Building only. **Blue S** with H Zone is on Southside in front of the Gardens in Watts Way.
- **IC Boat Club Annual Dinner** at the Honorable Artillery Company, Armoury House, City Road, London EC1. On Monday 25th November 1985, 7.30pm for 8.00pm. Tickets £20 from: Caryn Jerrett Biology. Dinner followed by Disco at Boathouse. Transport to and from Armoury House available.
- **IC Sec Soc** Thursday 28th November, Sheffield JCR. The Mersey Sound Disco. 8.00-1.00am Bar Ext £3.
- **IC Day Nursery Christmas Fayre** Friday 6 December, 10.30-1.30pm Ante-Room, Consort Gallery. (All proceeds to IC Day Nursery Toy Fund.
- **The Ice Club** for your pleasure, give **The Blow Monkeys, Kiss Tomorrow Goodnight**, and Disco, £1.50 IC Union on Friday 29th, 8pm.

● **Desperately seeking Issy**—Steve B.

- **If you're recovered** from the after effects of Carnival by tomorrow morning, come and see Charles Brereton of Smoking concert/Scab nite fame do his piano playing marathon for Rag, in the Brown Committee Room and don't forget to sponsor him!
- **6.00pm Tuesday Sherry** tasting in the Union SCR with the Wine Tasting Society. Come along and discover what real sherry tastes like, and at the unbeatable price of only £2.50 for members. non-members welcome at £3.50
- **IC Yacht Club meeting** in Southside bar to arrange trip pre-Xmas all welcome. Also Xmas Dinner 12.45pm.
- **A Healthy Tan** all year round. Solarium £2 half hour—(£15—10 half hour sessions). Contact Allan Willis Mech Eng 1 via internal mail.

WANTED

- **One audience**—for 29th November, 8.00pm Great Hall. ICSSO spectacular!
- **Guitarists**, basses and synth players (any standard) required apply Dan Q Salmons Physics 1.

FOR SALE

- **Buy a Honda C90** Dream Machine 'V' reg, mot and tax, once owned by Pope John Paul 1. Any offers above £140. Helmet and Boots also on offer. Contact A Spalding EE4 or phone 01 228 5510.

LOST

- **Will the thieving** sod who 'borrowed' a TI programmable 57 calculator from ground floor RSM Building return it pronto. Any information regarding someone who has recently acquired a similar calculator very recently contact College security or Jill at Eng Section secretary.

ACCOMMODATION

- **Required for female** post-grad single room preferred. Any area considered Contact Fani Int 5647.

PERSONAL

- **Anyone interested** in kinky underwear sessions please contact Simon and Ian, Biochem 2.
- **Gambling Soc meetings** this week 10-1 JCR, 5-2 Sheffield, 25-1 Bar.
- **Who are the world's cuddliest** rock band?—Find out on Mon Dec 9th. Can you hear the Hum!
- **Dear Steve** know you liked the buns, how do you feel about the flan?(!)
- **Jeremy**, BE4 renowned intrepid yachtsman celebrates tomorrow all welcome to service in Barclays Canterbury branch. No flowers but donations to RNLI would be appreciated.
- **Bored-sailors?** Mawasia! immigration fame..etc Clue: Restaging of Student National Boardsailing Champs at Loughborough (inland waters) Nov 29 Dec. Applications forms P Allen, Beit 88. Open to any students.
- **Raving Papist** will he, can he be filled with the spirit (whisky)!
- **SF SOC** its 5 year mission to show new Star Treks films continuing soon.
- **Hi, I'm a schizophrenic**, but thats neither here nor there, SB.
- **Gudrun!** Get fit soon? Sam. Kilmurray Scottish? You bet, Jimmy!
- **Willesden Boys**, the reverb is here. Come and rhythm program?
- **Oddsoc** membership this week stands at eight join soon!
- **Dear Ruth, Karen, Amy, Kate, Julia** (Bo Derik) and anybody else out there. I'm young free single and getting more desperate by the day. Lots of love JR.

- **All a man needs** is a beer in his hand, or a fag in his mouth, sport on TV with Pac—man to follow and a wall to stare at. So what's your problem.
- **No Marlon?** No comment!
- **Get ravished**, with IC Symphony Orchestra..Nov 29th!
- **What is green** sits in Balthan High Road? Answers to J 'Wingmirror'!
- **He'd left his pancho** you know..He could have left a note.
- **BHAS vi C** old boys and girls reunion Mon 9th 8.30pm outside Victoria Tube Station. Pass it on!! Any prblems contact Ara Martirosian, Phys 2.
- **Who says Want Ads** aren't effective! Thanks to FELIX from me and the ducks—the weather girl.
- **Introducing** the new do it yourself sauna, 9 plus 1 in a lift—see Dramsoc for details.
- **To the Linstead Sloane**—there's 'Something about you' from the Linstead 'Cool Dude'.

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Comets

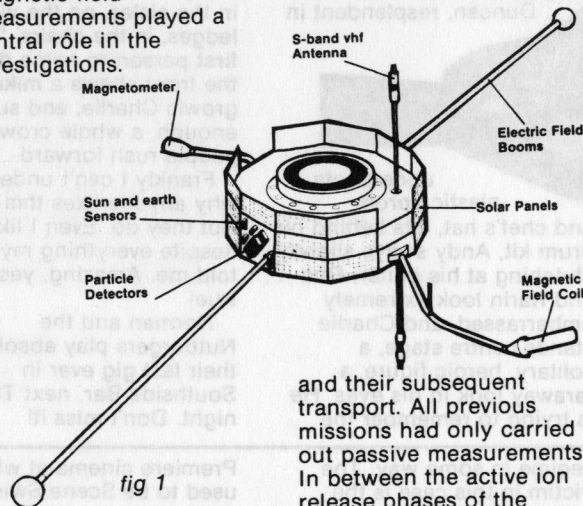
Recent exploration of the solar wind and the earth's magnetosphere by Debbie Wilkes

On September 11 1985 the International Cometary Explorer passed through the tail of the Giacobini-Zinner comet, and so became the first spacecraft to be involved in a direct encounter with a comet. Imperial College Space Physics group, headed by Dr David Southwood, were deeply involved with this project, having provided the energetic ion detector carried by this spacecraft. Remarkably, one year to the day earlier, the Active Magnetospheric particle Tracer Explorers programme created the first man-made comet. Once again, the Space Physics group were involved, having developed the magnetometer carried by the UK spacecraft.

The three satellites in the latter mission, collectively known as the Active Magnetospheric Particle Tracer Explorers (AMTE), were launched from the Kennedy Space Centre at Cape Canaveral, on the 16th August 1984. AMPTE was a joint mission of the United States, West Germany and the United Kingdom; with each of these national teams providing a spacecraft. The mission carried out a series of experiments designed to investigate the interaction of the solar wind with the Earth's magnetosphere, which is the most distant part of the earth's atmosphere. In this region, the Earth's magnetic field greatly influences behaviour, and so a magnetometer to measure the field is a key instrument on a mission of this type. The space Physics group,

in collaboration with the University of California Los Angeles provided the magnetometer carried by the British spacecraft. An artist's impression of the UK Craft, showing the magnetometer, can be seen in Fig 1.

This instrument, which is capable of measuring magnetic fields as small as 1/50,000th of the field at the Earth's surface, is set on a boom one metre from the body of the craft to minimise the effect of stray fields from the spacecraft material and operating electrical equipment. At all stages in the mission magnetic field measurements played a central rôle in the investigations.



The continuous flow of particles from the sun into interplanetary space is termed the solar wind; it consists of electrons, protons, helium nuclei and other ionised material which pass from the Sun through the Solar System and eventually merge into the general interstellar medium. The magnetosphere forms a tear shaped cavity in the solar wind, where the matter is fully ionised ie in the plasma state. While a great deal is known about the structure and dynamics of this gas of charged

particles in the magnetosphere, much of the fundamental physics remains to be understood. Two of the most intriguing problems are centred on how some solar wind ions can penetrate the barrier formed by the Earth's magnetic field, and how these particles can become accelerated, in some cases resulting in the spectacular Aururæ Borealis and Australis.

The unique feature of the AMPTE Mission was to release tracer ions, namely lithium and barium, in an attempt to investigate the entry of solar wind particles into the magnetosphere,

and their subsequent transport. All previous missions had only carried out passive measurements. In between the active ion release phases of the mission, the three spacecraft made passive measurements on the Earth's ionised outer atmosphere. Although a great deal of data still remains to be analysed, there has already been a major breakthrough in our understanding of how the solar wind interacts with the Earth's magnetosphere.

The American spacecraft was equipped with a comprehensive set of instrumentation to detect the mass and charge composition of the magnetosphere. Its task during the ion release experiments was to monitor whether test ions released by the German craft, into the solar wind upstream of the Earth's magnetosphere, penetrated to its orbit deep in the magnetosphere. During these experiments the British spacecraft was situated close to the German craft to monitor the local effects of ion release. On the 11th and 20th of September 1984 the first minute quantities of lithium were released, initially producing some artificial cometary effects. But, it was on 27 December 1984 that a barium release led to the German craft being enveloped in what

was heralded as the first 'artificial comet'; a cloud of ionised barium 5,000km long, which was actually observable from the ground, see fig 2. This use of the solar wind to mimic some aspects of cometary behaviour, such as solar wind deflection and tail formation, is very interesting as the existence of the solar wind was first predicted to explain cometary tail formation. However a more complete understanding of comets could only come about by actual spacecraft encounters with real comets.

In September of this year the International Cometary Explorer (ICE) became the first spacecraft involved in a direct encounter with a comet, when it passed within 8,000km of the nucleus of Giacobini-Zinner. ICE was originally launched by NASA in 1978 as the International Sun-Earth Explorer 3 (ISEE 3) and was designed to investigate the solar wind and particles. By redirecting a spaceship that had already completed its original mission, NASA was able to keep the cost of the project down to 3 million dollars; as compared to 500 million dollars if a purpose built craft had been used.

The Imperial College Space Physics group provided the energetic ion instrument which was used to measure the ions created by the comet, these observations provided the first evidence of the approach of Giacobini-Zinner in the ICE date. Results from the mission have shown the Comet's atmosphere results from sublimation of the icy surface material of the nucleus. This then undergoes complex photochemical reactions with sunlight, which leads to break up and ionisation of the initial molecules. The result have already ended 30 years of speculation on the nature of solar wind-comet interactions but it will be many more months before all the data can be analysed, and the full implications realised.

Having survived this encounter the International cometary Explorer is now moving on to the rendezvous with Halley's comet in March 1986. Where, it will carry out investigations upstream of the comet at the same time as Giotto (the European craft) and Vega (The Russian mission) encounter the nucleus.

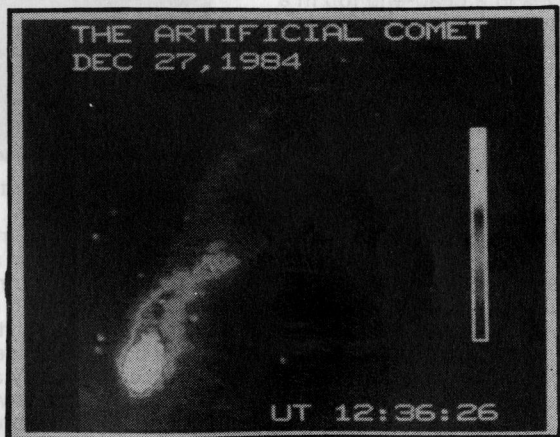
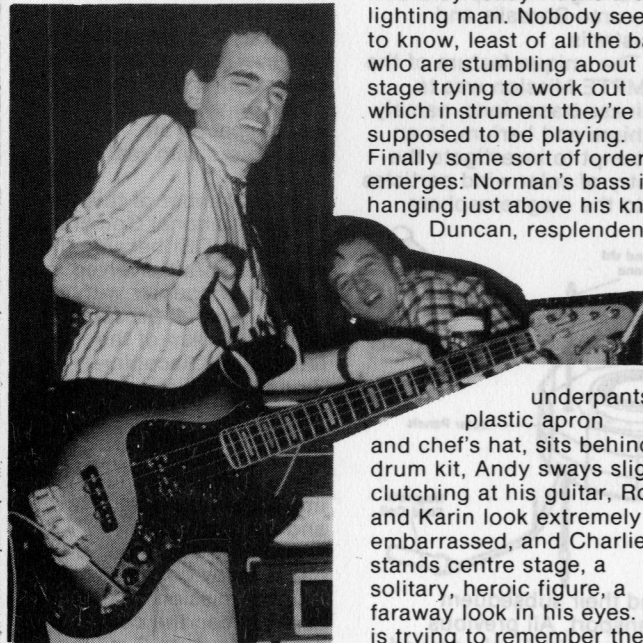


fig 2

SBANDSBANDSBANDSBANDS

Norman and the Nutburgers
The Smoking Concert

The curtain rises. The audience squeals in anticipation. Then the



audience stops squealing. You see, this isn't just any ordinary band playing any ordinary gig—this is Norman and the Nutburgers, and so onstage there is some confusion. Quite a lot of confusion, in fact. 'Are they ready?' asks the lighting man. Nobody seems to know, least of all the band, who are stumbling about on stage trying to work out which instrument they're supposed to be playing. Finally some sort of order emerges: Norman's bass is hanging just above his knees, Duncan, resplendent in

underpants, plastic apron and chef's hat, sits behind his drum kit, Andy sways slightly, clutching at his guitar, Roo and Karin look extremely embarrassed, and Charlie stands centre stage, a solitary, heroic figure, a faraway look in his eyes. He is trying to remember the

words. Suddenly he snatches at his microphone, shouts 'One! Two! Three! Four!...and they're off! There is a certain aura about Norman and the Nutburgers, an unexplainable air of mystery that somehow digs to the very fibre of their beings. Perhaps it's the sunglasses. Perhaps it's because they can barely stand, let alone play. Perhaps it's because Charlie can't sing to save himself. Whatever it is, the audience love it—feet a tapping everywhere, they're dancing in the aisles, on the window ledges, in the chairs. 'The first person to come down to the front chews a mike stand,' growls Charlie, and sure enough, a whole crowd of people rush forward...

Frankly I can't understand why anyone likes this band. But they do. Even I like them, despite everything my mother told me. Amazing, yes, but true! Norman and the Nutburgers play absolutely their last gig ever in Southside Bar, next Thursday night. Don't miss it!



r e v i e w s .

BOOKS

The Abortion: an historical romance 1966

A Weird book about some very peculiar people who inhabit an even stranger American library. It is set in the time when abortions were illegal in the USA and women requiring one went to Mexico—much as Irish women make the trip over to England today.

Into this cloud-cuckooland enter various authors with their lives' manuscripts—imagine a place where a sixteen-year old boy could bring a book on masturbation entitled 'The other side of my hand', or an elderly woman bring a book on growing flowers in windowless hotel rooms by candlelight. Among them is Vida, a woman who hates her beautiful body, and (of course) has written a

book about it. She and the librarian, a really off-beat character, have sex because there doesn't seem to be anything else to do. They are far too dopey to use any contraceptives, hence Viola becomes pregnant and they take the plane to Mexico. The whole business is pretty gruesome but Brautigan manages to be non-condemnatory; the only conclusion is 'think before you act'. The prose style



takes a bit of getting used to, not being the typical Great English Novel genre, and the author, Richard Brautigan, is obviously a very lazy writer since most of the book is blank pages. The aim of a large part of the book is supposed to be character sketching; the only problem being that they aren't sketched. If you can put up with these shortcomings and tolerate the odd ball inhabitants then you'll find

yourself at the anticlimax of an ending before you've realised that the story has begun. Published by Picador. For a change, it's a pleasure to read a well written story with believable developing characters and a definate plot. **The L-shaped Room** by Lynne Reid Banks is based around Jane a 'nice' middle class girl. Verging on twenty-eight she decides to have a first and last fling with an old flame and ends up pregnant. Bravely she makes the decision not to have an abortion, though her father does the self-righteous patriach act and throws her out of home, so she finds the most dingy tenement bedsit possible to bear her child in. Considering herself a reject by society's double standards, Jane is surprised by the caring friends she makes in her new life. Inevitably some sideways looks and snide remarks are forthcoming. The book is set in the 1950's after all, but I felt that an untruthful rosey picture of unmarried motherhood was painted. Jane was fortunate in not only having a well-paid job to go back to, but also friends willing and able to help her. Published by Penguin.

FILM

I'm sure it is possible to learn a great deal about a society from the films it produces. The output from America is often fast, exciting and just as frequently trivial and superficial, and as talented as American are at quickening the pulse, they, largely, seem to have left the remaining wide spectrum of human emotions to be covered by the rest of the world. The Eastern Europeans seem especially adept at producing some very human stories, a particularly fine example of this is the Yugoslavian 'When Father Was Away on Business'. The title refers to a euphemism used to describe those who have been sent away for having criticised the

regime in some way. The victim in this case is the father of Malik, a six year old through whose eyes the story is related. The father has made some indiscrete comments about the propaganda having gone to far to a mistress who casually relates them to a party official, resulting in a period of forced labour. The lot, as such, is simply about the trials and tribuations of Malik and his family, the mother, the father and his inventive brother and it covers the period from Malik's circumcision in 1950 to his

forced labour

being chosen, for reasons of academic success, to present a baton to the Major two years later, this being the length of his father's sentence. The real delight of this film is that everyone, right down to the guard with two lines and ten seconds of screen time, is a natural actor with an innate sense of timing and delivery. But especially worthy is the young Malik whose wonderful performance instills emotions that far more experienced actors would have trouble, and may never succeed, in doing. It is quite simply a lovely film and I urge you to rush along to it's opening tonight at Cannon's new

Premiere cinema at what used to be Scene Swiss Centre. Conveniently, to illustrate the point about national characteristics further, another of Cannon's releases this week is 'The Boys Next Door', an account of how a couple of 'regular guys' can go spare and reek havoc. In order to lend credibility to the story the film opens with some stills of mass murders and some of the things that these apparently normal people had said, and it ends with a newspaper-like photograph of the survivor of the two kids that the story centres on.

Bo and Roy, just graduated, have one weekend before they spend the rest of there lives in a dead-end job in a factory, so they decide to drive to LA for a holiday. They are misfits who

mass murderers

apparently have no emotional involvement with school, family or peers and whilst driving to L.A. Roy, Maxwell Caulfield, also reveals that 'angry stuff' that he has inside himself. In spite of moments of conscience Bo, Charlie Sheen (another talented son of Martin Sheen), goes along with Roy as their pranks become more serious finally leading to several murders. To emphasise the normality

of these two kids they are contrasted against some of the more colourful inhabitants of the L.A. nightlife but I couldn't help feeling that if these two sexist, racist bigots were considered normal then America has some real problems. As one reactionally cop says 'everyone's got guns these days, they're more popular than sex'. But as a comment on the need to spend more time preparing the young for life and on how the strong willed can influence the weak, the film may have some value, but as entertainment I'm afraid I'm not so sure.



In complete contrast 'A Zed and Two Noughts', like Peter Greenaway's last major film 'The Draughtsman's Contract', is an intricate and complex film with allusions to just about everything. To convey his ideas on chance, symmetry and evolution, Greenaway centres his story on two brothers working in a zoo. After their wives are killed in a car crash

on Swan's way by a escaped swan, the brothers' grief is profound and obsessive and it causes them to become involved with the driver of the car, Alba Van Meegeren, the surgeon who amputted Alba's leg after the accident, then conspires to remove her remaining one, and conspiracies at the zoo deepen into an exotic game of barter and blackmail as



various characters collude with or against the brothers' increasingly subversive activities, one of the aims of which is to free the animals. The brothers, Oliver and Oswald Deuce (the two noughts) slowly become more and more similar throughout the film, until we finally discover why. The film itself owes a great deal to the Dutch painter Vermeer in the characters names; Caterina Bolnes was Vermeers wife, and Van Meegeren his prime faker, and also in gestures, picture detail, lighting and composition, a major feature of which is twinship and

symmetry. As is probably apparent it is a film that deserves to be seen and not written about and this is possible at the London Film Festival (at the National Film Theatre) on the 30th November or at the



Lumiere from the 5th December, and it really ought to be seen, for as Greenway says, 'Cinema is far to rich and capable a medium to be merely left to the storytellers'.

Cadbury Schweppes

Graduate Opportunities with Cadbury Schweppes

Thursday 28 November
Committee Rooms 327 and 328
6.00pm, Sherfield Building

'The inside view'

An opportunity to learn more about this multi-national organisation, and to discuss career opportunities with directors and young managers.

Buffet food and drink provided

Investigating Accountancy

So, the square-jaw behind the desk looks me straight between the eyes. "Tell me, Mr Marlowe" he snarls, "you look the type of guy who investigates the broads more often than the books. What brings you to KMG Thomson McLintock?"

"Curiosity, I guess," I told him "not to mention career prospects with the best bunch of pros in town!"

He laid back in his chair and smiled. "Let's talk chartered accountancy", he said.

I figured I was in the right place.



Unlikely as it may seem, a chartered accountant and a detective have more in common than you might have thought. The ability to follow leads, sift through evidence and examine facts are just some of the skills necessary to both professions. If you are considering a career in chartered accountancy, take a look at the credentials of KMG Thomson McLintock – we think you'll agree, it's an open and shut case.

KMG Thomson McLintock is a highly progressive organisation with over 140 partners and employing 2,000 staff in twenty-two offices throughout the UK, and operating world-wide as a member of KMG (Klynveld Main Goerdeler), one of the world's largest accounting firms with offices in over 80 countries. Our clients are wide ranging and varied, as are the services we provide – such as audit, taxation, investigations, management consultancy, insolvency, small business and special industry services, computer consultancy,

urban renewal and executive selection. The breadth of our activities in all sectors of industry – public, private and nationalised – offers the graduate valuable experience in, and a thorough understanding of, all aspects of company operations, large and small.

For the bright ambitious graduate, regardless of degree discipline (except for those studying for the Scottish Institute examination, which requires accounting related degrees or unrelated degrees followed by relevant one year post graduate diplomas), we offer genuine career opportunities. Our training programme, one of the finest in the profession, is thorough, challenging and rewarding, and is designed to stimulate your talents as a professional chartered accountant.

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KMG Thomson McLintock
Chartered Accountants

ICMAC

The Corvette turned off into the Car Park, and came to a halt. The door opened; Templeman Peck got out and looked at the end of the runway. He glanced at his watch; they should be here soon.

Meanwhile, Murdoch adjusted the needle valve as the engine fired. After earlier problems with the battery and transmitter, his 'plane was ready to fly. He pushed the throttle forwards and, as the 'plane picked up speed, eased back on the joystick. The 'plane was climbing rapidly when suddenly, the controls went haywire. Murdoch shouted 'Damn—Decker has jammed our frequency' as he fought with the controls. The pitching of the 'plane awoke BA—'What you doing—fool!' he demanded.

The 'plane hit the ground, exploding in a huge fireball as the fuel tank ruptured, flooding the fuselage with 16% nitro. As the fire raged, Murdoch and BA crawled out of the wreckage, and dusted themselves down.

BA paced around the dark empty cellar. 'Curse Decker' he thought as he looked in the empty oil drums. Quite by chance he stumbled on the old welding gear, a Piped, 40 sheets of wood and a tube of cyano-acrylate. Twenty minutes later, the rebuilt ICMAC trainer rolled out of the cellar, ready to fly this weekend.

Hannibal Smith took a puff of his cigar and smiled to himself. 'I love it when a 'plane gets together.



IC Human Fruit Machine

This Saturday Covent Garden will witness the Rag Event of the Century. Appearing at the request of Rag Chairman John Ingham, and giving its first and last performance will be the Imperial College Human Fruit Machine.

This intrepid band of virile young Freshers, consisting of Garry 'The System' Monaghan, Mark 'The Arm' Mascal, Steve

'Mango' Molineaux, Peter 'Kiwi Fruit', White and Chris 'Passion Fruit' Eardley, will give their all in an unprecedented step to raise lots of money for Rag. Come along to give them some support, help them, or even to laugh at them. 'Mango' Molineaux is quoted as saying, 'I feel my whole life has been a prelude to this day', while 'Passion fruit' Eardley quipped, 'It should be an orgasmically exciting experience'. Garry 'The System' Monaghan, a long term patient in Broadmoor, was unavailable for comment.

IC Orchestra

Look! You've seen the world-famous Trombone Trio give their legendary performance at SCAB Night; now see the whole of IC Orchestra in this term's concert. The programme includes Vaughan-Williams 'The Lark Ascending', with violinist David Juritz, hot from the English Chamber

Orchestra, as soloist. If you've never heard this enchanting work, now's your chance. Should this prove too pastoral for you, don't worry; Rachmaninov's ravishing second symphony will be a suitable contrast. All this for £1 (students), in the Great Hall at 8.00pm Friday November 29 (Tickets for ICSCO members, Haldane Library or at the door). See you there.

Ap Tech

Those of you who haven't yet joined Ap Tech Soc had better get a move on—otherwise you'll be missing out on the most toothsome event of the year, the Winter Solstice Lunch (or Christmas Dinner if that's more your scene). This will be held on Thursday November 28th at 12.40pm in the Lounge (ground floor, Union Building). Food will be healthy, tasty and solar-powered—not your average cheese and wine! There might even be a bit of good background blues music. This event is free to members, but you will be able to join at the door (£1).

By way of a contrast, good luck to everyone who's going hungry on Monday and Tuesday.

If you're not actually fasting, try and support those who are—the money you give will be going to real, appropriate third world projects.

See you on the 28th!

Wellsoc

The HG Wells Society ends the term with two special talks. On Tuesday 26 November we have the four times world karate champion, Geoff Thompson, speaking on 'In Pursuit of Excellence'.

This is followed on 2nd December with Jim Naught of the Guardian taking on irreverent look at the House of Commons: 'The Humour of Politics'.

In addition to all this we have the famous Wellsoc/Indsoc Christmas party near the end of term. Stay tuned for further details.

QT Soc

After the roaring success of the Brown Paper Bag Brothers, comes Cabaret 2 (just when you thought it was safe to go back into Huxley). This one features Mark Steel, a talented comedian slightly more orthodox than the lads with the brown paper fetish. Please come along and support this event—it's got to be good value—Free to members, £1 (Inc Membership) to others. That's this Tuesday at 1pm in Huxley 145 (it will be sign posted from the walkway and from the main entrance).

Ten Tors

Every year the RCS Ten Tors Club sends a team into the Ten Tors club expedition on Dartmoor. The expedition consists of navigating between ten of Dartmoor's Tors covering a distance of up to 55 miles over pathless moor. It is described by the Army, who organise the event, as a weekend of challenging adventure demanding careful planning, skillful navigation, endurance and team work.

Because of the severity of the event, after Christmas we start training by running around Hyde Park, climbing up all 12 floors of the Physics

building, doing presups next of the Serpentine etc.

If you are still interested or just want to find out a little more about the event, then we are having a meeting above Southside Bar on Tuesday 3rd Dec at 12.30, mainly just to find the level of interest. If you can't make the meeting then leave a note in one of the letter racks D Gott Maths 2 or A Fazakerly Physics 2 and we will inform you of the next meeting.

If there is enough interest, especially from the ladies, then we will try and enter a Mens team and a ladies/mixed team. So if you are only even slightly interested, come along to the meeting, we look forward to seeing you.

SF Soc

Rumour has it that while Isaac Newton was sitting under the tree thinking about the rising price of fruit, he was also heard to comment on the fact that the video had not been invented. and indeed, that he wrote about the video in 'The Principia', but it lost a lot in translation.

ICSF soc, however are pleased to announce that the video has been invented (indeed we have been aware of this fact for several days now) and will be celebrating in true style with a video evening, to be held on the 29 of November in the Union building.

Looking further into the

future (as SF Soc are wont to do), a treat for all 'Beam Me up, Scotty' Fans, Star Trek 2—the Wrath of Kahn, to be shown on Thursday the 5 December.

So that true Trekkies can see the episode, the film will be shown slightly later than normal. Immediately following the film, we shall by going to the One Tun, Londons biggest Science fiction meeting. Anyone who wants to come along is welcome.

Details of these and other forthcoming events, access to SF Socs library and a little known outline to an unwritten Larry Niven Novel are available at the regular Thursday lunchtime meetings in the Green Committee room in the Union building.

Hockey

IC 2 — Surrey 1

IC 1sts won yet another very important match last Wednesday. By beating Surrey University 2—1, IC finished their first round UAU matches at the top of the group with maximum points.

The match was played on a very grassy pitch and with the sun very low. This made the umpires' job very difficult and therefore contributed to the match becoming very heated with the three sticks being broken, and much dissent (mainly from Surrey)

Nick Hope scored the first goal after a goal-mouth scramble and later forced a penalty flick which Ian Parker put home. The last ten minutes saw Surrey score their only goal, from a very fine angle.

IC 2nds 0 — BA 1

The seconds fielded the same side this week exhibiting a degree of consistency unprecedented in second XI history. However, despite this novel tactic they were unlucky to lose 1-0 in a closely fought tussle with British Airways.

The opposition looked fine in their splendid red, white and blue livery looking more as if they belonged in one of British Airways new commercials. The seconds looked as ragged as ever.

Well, anyway to cut a long story short—we was beat! Duncan and Grant had an excellent game in defence as well as Josh and Andy in midfield. The forward line came so close on so many occasions it was a miracle we didn't score. In fact everyone played so bloody well how the hell did we lose this one?

Team: Phil Choudhury (Capt), Duncan Wigney, Grant Wood, Jonson Yip, Josh, Dave Whitton, Andy Oliver Smith (5.9, 5.8, 5.9.) Dave Gott, Jim Ward, Jon Carter, Paul Chandler, Umpire Chris Harrison.

RSM 4 — LSE 3

Surprisingly played on a Friday night (!?) at Willesden Sports Centre, this interdivisional battle turned out to be the best hockey Mines have played in a long time. LSE took on early lead with a well taken short corner, and

SPORTS

Hockey

Wednesday

UAU

Mens

Surrey

1sts 1

IC

1sts 2

Friday

ULU Cup

Mens

LSE

1sts 3

RSM

1sts 4

Saturday

Middlesex League

Mens

BA

1sts 2

IC

1sts 2

IC

2nds 0

BA

2nds 1

Sunday

Mixed

Wimbledon

2

IC

A 2

IC

B 1

SSEES

4

Football

Wednesday

UAU

Surrey

1sts 2

IC

1sts 2

Surrey

2nds 4

IC

2nds 0

Surrey

3rds 6

IC

3rds 1

ULU League

IC

4ths 2

Guys

2nds 1

IC

5ths 0

KCH

2nds 2

Friendly

C&G RFC

2nds 2

Kings

1sts 4

Saturday

ULU League

IC

1sts 3

Goldsmiths

1sts 2

consolidated their position with a second goal. Not to be disheartened Mines kept plugging away with the simple passes, and a well structured attacking move led to Dave Jennings putting one in the back of the net. Lifted by this goal, RSM kept up the pressure which was rewarded by a late short corner. The move saw LSE still scrambling off their back line, with the ball in the back of the net.

With the final score at 2-2 an extra 30 minutes was due. LSE after a fine display of football, put their third goal in which was swiftly followed by another goal from Dave Jennings. The game was decided when Max Michaelles single-handedly dribbled into the D and scored to put Mines 4-3 up. The superb defensive play of Simon and Simon was able to hold off LSE until the final whistle.

Badminton

Surrey 2 — IC Ladies 7

Surrey were undoubtedly the strongest team that IC have played this year — they managed to win 2 rubbers thus making the final score a 7-2 win for IC.

This of course means that IC have now qualified for the knockout round (last 16)

Football

IC 1sts 3 — Goldsmiths 2

IC maintained their 100% winning league record by scoring a 3-2 victory in a bruising encounter against last season's league winners, Goldsmith's.

In a match littered with late tackles, IC took the lead after 15 minutes when Paul Bravery crossed to the far post where Alex Lunghi headed powerfully home from 6 yards, 1-0. Straight from the re-start though Goldsmith's equalised. IC regained the lead 10 minutes later when Alex Lunghi's persistence paid off allowing him to drill the ball home from the edge of the penalty box.

Just before half time IC were reduced to 10 men with Bryce Goldsbrough having to go off, the victim of a scything late tackle.

Undaunted by this, IC proceeded to play some of their best football of the season making a mockery of their being one man short and duly increased their lead when a Lawrence Covill free-kick found Paul Bravery 25 yards out who hit a dipping shot past an unsuspected keeper. IC continued to dominate but allowed Goldsmiths a second goal, on the stroke of full time, making the result a lot closer than the match itself.

Surrey 2 IC 1st 2

IC needed to beat unbeaten Surrey by three clear goals to qualify from the SE regional division of the national UAU tournament but this in the end proved too much despite a battling performance.

Goals from Tom Dutton, Guy Poppy were not enough to give IC victory in a match that was often bad tempered and saw one IC player sent off.

IC 6ths 5 — UC 7ths 3

IC won a notable victory on Saturday against the team who beat them 7-2 the previous week. Goals by John Galloway, Eddy Hodnet and Hidio Takano were enough to ensure victory.

BSH 8 — Southwell 0

Bernard Sunley House kept their 100% record for this season with their second big win, 8—0 against Southwell.

The game started fast for BSH but a goal was not forthcoming until 20 mins into the game when captain, Steve Wilkinson, managed to slip one under the keeper. From then on Bernard Sunley kept up the attacks with another 3 hitting the net before half-time. The BSH keeper did actually touch the ball 3 times during the first period, back-passes and a limp shot.

The second half started differently with Southwell making several breakaway attacks but none brought the keeper into action. Byron Wood knocked in a great shot from a seemingly impossible angle and Ken Sayers also put away a good one.

By this time BHS had got tired of attacking and decided to let Southwell do some. They hit the bar from a wild slice and the keeper had to make a mad slide off his line to take a low cross but Southwell did not really look like scoring.

Special thanks must go to Tony in the Southwell goal for attempting to make a match of it and also to Steve Wilkinson, the Bernard Sunley captain, who, had he taken half of his chances, would have doubled the score.

Team: P Brooks-Johnson, R Jaes, N Wolstenhome, M Shepherd, L Covill, S James, J Fawcett, K Sayers, A Watson, B Wood, S Wilkinson (Capt), Sub R Trengove.

Golf

Surrey 3 — IC 3

IC extended their unbeaten run in the last divisional UAU to finish top of their group after tying a match that demonstrated the squads team spirit and ability to play under pressure.

After Cox and Lang, our top two, had extended their unbeaten runs our hopes of victory were high. But the news came in from the fifteenth of defeats for both Gamblin and Tierney.

The powerful postgrad 2 up after 14 held his game to win at the last — the only team member with 100%. Where was Morris? Four down on the twelfth he won on the 12, 13, 15. Unfortunately he was beaten by the darkness and conceded on 17.

Ten Pin Bowling

IC v Brunel

Suddenly they were there. The miles of M4, urban highway and treacherous twisting backroads had unraveled and IC Bowling sped into the Heathrow Bowl car park in a shower of dirt and body parts. 'Go for it boys!' snapped Captain Wheeldon, cliché-master extraordinaire, and the teams swept through the doors, balls swinging. (non-sexist, as we didn't have a ladies team this time. All you girls out there remember, fast cars, wild things and faraway places await you).

Suddenly they were playing. Polyester and rubber clashed with wood. Pins flew. Tasos's arms waved. The A team (So called because of an unfortunate superficial resemblance between BA Baracus and Eric) swept to victory, cruising the craven Brunel spawn beneath their designer shoes.

The unopposed Brunel ladies actually turned in the oppositions best performance of the day giving them an automatic two points, but to no avail.

Suddenly they were gone, on a rusty wing and a prayer leaving an emotional vacuum in passing, the voices of those who had witnessed their first victory in living memory hushed with awe, a single phrase on their lips, 'Who were those masked men?'

Rugby
Wednesday
UAU
Mens
Surrey 1sts 0
Surrey 2nds 23
Friendly
Mens
C&G 1sts 6
Saturday
Ladies
IC 0

Badminton
Wednesday
UAU
Mens
Surrey 1sts 6
Surrey 2nds 2
Ladies
Surrey 1sts 2
Saturday
ULU League
Mens
UCL 1sts 2
Ladies
IC 1sts 9

Golf
Wednesday
UAU
Surrey 1sts 3
Fencing
Wednesday
UAU
1st Round
IC 14
2nd Round
IC 14

Netball
Wednesday
UAU
Surrey 36
Saturday
ULU League
LSP 41

Table Tennis
IC 1sts 7
IC 1sts 2
IC 4ths 4

IC 1sts 13
IC 2nds 9
Kings 2nds 15
Charing Cross 0

IC 1sts 3
IC 2nds 7
IC 1sts 7
IC 1sts 0
St Barts 1sts 0

IC 1sts 3
IC 1sts 3
UEA 4
UCL 0

Surrey 25
IC 31
UL 2nds 2
Lyndhurst 1sts 7
Betnal Green 5

Fencing

On Saturday the Imperial College Fencing team took part in the UAU South Eastern region mens team events, and won. The team of seven swordsmen beat firstly University of East Anglia and then University College to get the home draw against the second placed team from the South West.

The match with UEA was the expected whitewash. The foil team won their section of the match 8-1 and the épée completed the coup-de-grace 6-3. The sabre match did not need to be fought, IC having the

right victories required.

UC gave a similar treatment to Surrey University and after lunch the real fight was on. UC have a very strong foil team and we were happy to take three bouts from them including a classic 5-0 victory by Rich Jarvis. The IC strength lay in sabre and épée and the sabre team returned an excellent 7-2 win. Less than twenty hits were made on our sabreurs. Four bouts were required by the épéists and should have been made without loss. Two unfortunate 5-4 defeats for the captain meant it took six bouts to assure victory by 4 bouts to 2. The final score was 14-10.

Wednesday's Results

Hockey
UAU
IC 1sts 1
(after extra time)
IC won 4-1 on flicks
ULU League
Royal Holloway 1
Football
ULU League
Royal Holloway 1sts 2
Badminton
UAU
Mens
IC 1sts 8
Ladies
IC 1sts 6

City 1sts 1
RCS 1sts 0
IC 1sts 1
Essex 1sts 1
Brunel 1sts 3

IC Hockey 1sts won the South-eastern division of the UAU by beating City 4-1 on penalty flicks. As a result they qualified for the last sixteen of the UAU national rounds.

Sailing

And so it came to pass that the almighty Captain Tony spoke unto his people of the challenge from Exeter, and so the sailors did go to Exeter, where they did unto us what we did unto Cambridge last week.

And on the first day Commodore Phil said 'let there be wind', and there was wind..eventually, following the efforts of Mal, Daniel and Ape, After the delayed start, 2 of our boats ably manned (and womaned) by Tony and Maurice, Pete and Karen, shot at lightning speed to the front of the fleet. Despite a fierce struggle, they maintained this position, confident in the knowledge that there was unflinching back-up from the rear, by Helen and Sam. Thus, a resounding victory to Imperial.

Cross Country

Over the first few weeks of term the Cross-country club has had four outings, meeting with quite reasonable success, and some notable performances, although some members have been more notable by their absence! After a precursory outing to Bath for the Reeboek League the first major event of the season was the London Colleges League at Parliament Hill. Mike 'Never Again on a Wednesday' Ball impressed the UL Seclectors by finishing 5th, and some solid performances by those illustrious committee boys; Lee, Waterson and Gamblin assured a first team victory finishing 13th, 16th and 19th respectively, inspite of fifth counter in 94th.

Last Wednesday though, the rot set in Mike 'Never Again on a Wednesday' Ball lived up to his name, and in spite of the efforts of the aforementioned illustrious committee boys, slumped to fifth in the London Colleges League 2nd race at Trent Park, although we still head the league overall.

Not forgetting our solitary lady, Sue Waters for her staunch support so far, but she needs some company (in the ladies race, that is!)—come on girls, give it a try!

Today

1230h

Union Upper Lounge
Orienteering Club meeting to organise travel arrangements for the weekend.

1245h

Southside Upper Lounge
Yacht Club Meeting to arrange one more trip before the end of term. Crucial for all desiring to go on trips.

Volleyball Court
Basketball shooting practice. For all players; to teach beginners how to shoot, and help more experienced players improve their shooting.

1300h

JCR
ICCND Bookshop Buy your posters badges and cards. 10% discount to members.

Union Building
Islamic Society congregational prayer.

Beit Gym
Keep Fit Please bring suitable clothing and jogging shoes.

1400h

Bot/Zoo Basement Lecture Theatre-East Wing
Dr B Lamb talking on the rôle of gene conversion in evolution.

1830h

Volleyball Court
Badminton Club. Everyone welcome.



2000h

Union
Guilds Carnival featuring Misty in Roots, Atilla the Stockbroker, Circus Circus Circus, Seething Wells, Woza, Discos, Jazz, Bar Extension, Cocktails, Barbeque, Films. Admission £4.50

2030h

Southside Bar
Southside Bar Disco



Saturday

0600h

Brown Committee Room
Piano Marathon Charles Brereton plays a mega-medley of non-stop piano



1300h

9 Princes Gardens
Islamic Society prayers.

1800h

Southside Bar
Cocktails for Rag

Sunday

0600h

Brown Committee Room
Chas is still going strong

1000h

Sherfield Consort Gallery
Chaplaincy communion service

1130h

More House, 53 Cromwell Road
Catholic Soc Mass. All welcome for reflection and worship.

1300h

Senior Common Room
Wargames Meeting. 10-15% discount available on games. Membership £1.50.

9 Princes Gardens
Islamic Society prayers

1630h

Union Gym
Wu Shu Kwan Kick the boring Sunday habit, literally! Learn to look after yourself and enjoy fitness with IC Kung Fu Club

1800h

More House, 53 Cromwell Rd
Mass followed by bar supper and musical evening

1900h

Beveridge Hall, University of London
Sonny Ramphal talks on 'Nehru the Pathfinder'

1930h

Great Hall
IC Badminton Night. Everyone welcome.

2000h

Junior Common Room
Beginners Dancing Class

Tuesday

1230h

Chem 231
Catholic Society Mass, lunch and people. Quiet after quantum theory, transistors etc. Everyone welcome. This weeks talk by Fr C Maxwell on Sex and Contraception: is the Church out of touch?

Union Upper Lounge
Audio Society buy your discount records, order today, collect Thursday.

Southside Upper Lounge
Scout and Guide lunchtime butties

1245h

Jazzroom
Jazz Club Committee Room

Monday

1200h

Southside Bar
New bar opens with high quality food/wine/beer

1230h

Southside Upper Lounge
Scout & Guides lunchtime butties. Everyone welcome!

1300h

9 Princes Gardens
Islamic Society prayers

Beit Gym
Keep Fit Please bring suitable clothing and jogging shoes.

1730h

Volleyball Court
Basketball training for first and second team members.

1745h

Great Hall
Wind Band rehearsal

1800h

Southside Gym
Keep Fit Please bring suitable clothing and jogging shoes.



1300h

Huxley 340
Halley's Comet a talk to Mopsoc by Dr Mark Saunders

Huxley 145
QT Comedy Cabaret starring Mark Steel

Southside Lounge
Boardsailing Club. Regular meeting to organise Wed afternoon trips. Membership £4.

Southside Lounge
QT stunt coordination meeting

9 Princes Gardens
Islamic Society prayers

1330h

213 Huxley
Working and Studying Abroad a careers talk by Miss Nancy Bers of VSO

1730h

Brown Committee Room
Amnesty International Meeting.

1800h

Southside Gym
Imperial Workout wear something comfortable and any type of training shoe. A towel/exercise mat is also useful.

Union SCR
Sherry Tasting organised by wine tasting society. Admission £2.50 for members.

1830h

Physics LT2
Cooling In Superclusters a lecture to Astrosoc by Prof Fabian

Union Gym
Judo Coaching Session. Instruction from BJA resident and guest instructors. All welcome, especially beginners. 60p mat fee.

1900h

JCR
Dancing Club Intermediate

1930h

Music Room, 53 Princes Gate
Opsoc rehearsal

2000h

JCR
Dancing Club Beginners

Wednesday

1230h

Southside Upper Lounge
Scout and Guide lunchtime butties

1300h

Huxley 341
God Behind Bars a talk by D Kearns, chaplain to Wandsworth Prison

Above Southside Shop
Micro Club. All members have access to all our computers and word processing facilities membership £2.

Southside Gym
Keep Fit Please bring suitable clothing and jogging shoes.

SCR
Wargames meeting

9 Princes Gardens
Islamic Society prayers

JCR
Caving Club meeting

1315h

Brown Committee Room
Rubber/Duplicate Bridge

9 Prince's Gardens (basement)
Islamic teachings course series D: Muslim Beliefs.

1400h

Mech Eng Foyer
Make Kids Toys for handicapped children

1415h

Chem Eng Foyer
Tenpin Bowling Club trip to Tolworth Bowl

1900h

Great Hall
IC Orchestra dress rehearsal. The most important one! Don't be late

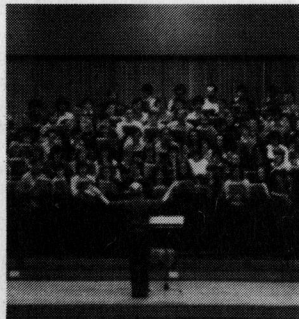
Junior Common Room
Advanced Dancing Class

2000h

Junior Common Room
Medals Dancing Class

1730h

Aero 254
Gliding Club Meeting. Arranging lifts to Lasham, videos & films.



1745h

Mech Eng 342
Imperial College Choir. Rehearsal.

1800h

Bot Zoo Common Room
Christian Union Meeting

Southside Gym
Imperial Workout Wear something comfortable and any type of training shoe. A towel/exercise mat is also useful.

1830h

Union Gym
Judo training. An informal session

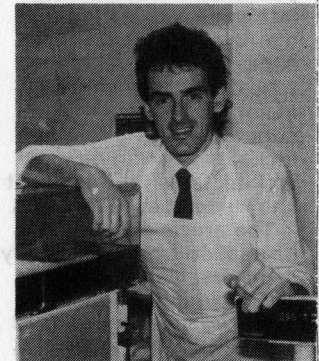
1930h

Volleyball Court
Basketball beginners training.

Room 2E, ULU
ULU Gay and Lesbian meeting

2000h

IC Radio
Anagramophone part 2 of competition. Solve rhyme for £5 record token!



2100h

Southside Bar
Norman and the Nutburgers Absolutely their last ever gig! Yes! Amazing but true!!

2115h

Weeks Hall
ICAG Soup Run, tea, soup and meeting London's down and outs.

Thursday

1230h

Huxley 413
Methsoc discussion on temperance. Lunch provided.

Union Upper Lounge
Audio Society collect today records ordered on Tuesday.

Southside Upper Lounge
Scout and Guide lunchtime butties

1240h

Good Winter Lunch with IC Appropriate Technology Soc. Celebrate Winter Solstice/Xmas with a wholesome and tasty meal.

1245h

JCR Sheffield
North American Stall Information on BUNAC. Work and play in US this summer.

Southside Lounge
Riding Club meeting

1300h

Unification of Forces and Particles. A Mopsoc lecture by Prof Michael Green of QMC

Southside Upper Lounge
Balloon Club meeting.

9 Princes Gardens
Islamic Society prayers

Green Committee Room—Top floor of Union building
SFSoc Library meeting. Access to the SFSoc library of over 1000 titles, plus discussion and organisation of future events.

1330h

9 Prince's Gardens
Quranic Recitation

Imperial College students are welcome to a unique

SAM SMITHS PROMOTION AT 86p a Pint!

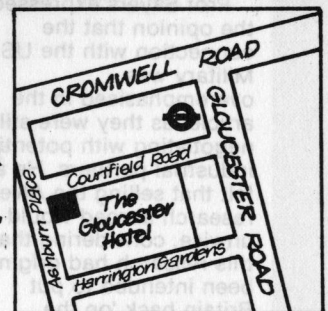
also Brakspears Arkells · London Pride · Courage Directors

Merrie-Go-Downe

Real-Ale Tavern

AT THE Gloucester

Corner of Ashburn Place and Courtfield Road



Flagship For Sale

Research at IC featured in a misleading article published in 'Computing' last week, suggesting that the Alvey Flagship supercomputer research was about to be sold to major US defence contractors. This research includes work on new architectures for intelligent knowledge-based systems.

The article stated that a delegation from US military suppliers, United Technologies, had had at least two meetings with IC staff involved in Alvey projects, and had asked them about government policy as well as about areas of research in which IC is a recognised leader. A further meeting was reported to have been cancelled at short notice after an open letter to Mrs Thatcher, signed by several IC researchers, rejecting UK involvement in Star Wars. 'Sources at Imperial' were quoted as saying that there is strong resistance at IC to taking part in a Star Wars project. Closing the article was a complaint from Labour MP Chris Smith that the government should make sure research results were made good use of rather than being sold abroad.

Prof Sayers, Head of the Department of Computing at IC, described the article as 'inaccurate and somewhat speculative'. He confirmed that the American delegation had visited IC and had spoken to Dr Phelps, the Pro-Rector for External Developments. Members of the Computing department had met the delegation, but Prof Sayers had not been present. He was also unaware of any staff having spoken to the Press on the subject.

Prof Sayers expressed the opinion that the connection with the US Military was overemphasised in the article, as they were still negotiating with potential industrial partners. He also felt that selling the Alvey research abroad would be unwise, considering that this research had originally been intended to put Britain back 'on the defence scene'.



Channel Crossing

The 149th annual CCU coxless threes raft race was won by RCS last Sunday. Guilds were a close second and Mines, whose raft only just managed to cross the Serpentine, a distant third. Earlier, RCS were also victorious in the three-way tug-of-war. RCS first combined forces with Mines to dispose of the Guilds team, and then beat Mines in the final.

Star Wars II

'There is no scientist who believes President Reagan's SDI project can ever work', or at least no one who Prof Ralston, Professor of Computer Science and Mathematics at the State University of New York, knows of. Prof Ralston, who is currently visiting the Department of Computing, spoke to 60 staff and students at Tuesday's 'Star Wars' CND meeting, where he addressed the political, financial and social aspects of the SDI program.

He went to add that, in his opinion, the project is 'intellectually dishonest' and almost everyone in favour of it (President Reagan excepted) believes that it cannot work.

He blames this intellectual dishonesty on the large financial rewards, which, in his words, 'warp the judgement of professionals'.

He finished by discussing Star Wars research in universities, and he expressed the opinion that universities should not be involved in 'mission orientated' research, particularly Star Wars.

Prof Lehman did not attend the meeting.

Hockey Success

IC Hockey 1st XI won the south-eastern division of the UAU championship by beating City University 4-1 on penalty flicks. As a result they qualified for the last sixteen of the UAU.

Ticket Heist

Two hundred tickets for Guilds Carnival disappeared from the Union Office. Will anyone holding tickets numbered 101 to 300, please contact the Union immediately.

Another Bar Story

A new food/wine/beer Bar is opening in the Real Ale Bar, Southside on Monday at 12 noon. On offer will be baked potatoes and freshly baked pizzas, both with a choice of toppings. There will also be a cold buffet and a variety of filled rolls and pies. Opening times are the same as those of the Southside Bar.

Falklands Factor

Mr Tam Dalyell MP spoke for 40 minutes yesterday on the subject for which he is best known, the sinking of the General Belgrano. In his talk which was delivered without notes, he reiterated all of the arguments for which he has already been given a great deal of publicity. He again accused the Prime Minister, Mrs Thatcher of 'gross deception, lying and calculated murder', and justified this because, he asserted, he was duty bound to show up the political misbehaviour of the government in the name of democracy.

The rest of his talk was mainly taken up with the crisis in education in this country at present, and how a future Labour government would seek to rebuild and reinforce that which the Tory government had undermined and destroyed. He suggested that an injection of cash was what was needed and that this money could possibly come from the three million pounds per day which is presently being spent in keeping a garrison in the Falklands. He also suggested that money was needed to fund research projects, and more specifically pure research. He acknowledged that Imperial was not really lacking in this area owing to the industrial backing it attracts. Other universities, however, had difficulty in raising money, especially for research projects without obvious applications.

Ghost Story

A masked man carrying a bucket, thought to be the Phantom Soaker, was pursued into the JCR by a group of students. During the struggle which followed, an unidentified QT gunman fired a volley of shots. The Phantom fell clutching his bleeding chest, and was quickly dragged away. 'This was obviously a professional job', said PC Andy Nimmons. Chief Security Officer Geoffrey Reeves was too upset to comment.