



Founded in 1949

The Newspaper of Imperial College Union

## Short Sharp Willie at IC

**Mr William Whitelaw, the Home Secretary for State, addressed the Conservative Society on Tuesday, November 17. The title of the lecture was "My role as Home Secretary".**

Approximately 350 students turned up in Mech Eng 220 to hear Mr Whitelaw speak. Of the subjects talked about were race relations, the role of the law and, of course, Ireland.

In all the speech, although well received, was quite uncontroversial and afterwards a somewhat furtive question time took place.

Also present were four uniformed policemen plus some plain clothes police for the Home Secretary's protection. It is also believed that an unofficial Guilds hit squad were going to flank Mr Whitelaw and this would seem to explain the presence of Guilds representatives at the door to prevent this happening.

In general, Mr Whitelaw was reaffirming the Government's economic policy. Of many of the questions asked were such inquiries as to Mr Ian Paisley's recent activities as well as the retirement of Lord Denning. Another issue which was raised concerned the emergence of the SDP, on this issue Mr Whitelaw simply stated that "the Social Democrats have no policy".

Mr Whitelaw delivered a well-received speech and he answered the questions quite comprehensively, to the considerable satisfaction of the audience, who by their applause at the end of the talk indicated their gratefulness of Mr Whitelaw's acceptance of their invitation to come to IC.

*Left: Mr Whitelaw addresses the meeting. (Photo Jane Williams)*

## RCS Centenary Kicks Off

**The centenary celebrations of the Royal College of Science were started on Monday by Lord Todd, OM FRS, President of the Society of Chemical Industry.**

In a fascinating lecture entitled "Chemistry past and present", he outlined some of the important steps in the development of chemistry over the past 100 years. As someone who had been involved in Chemistry and the Chemical Industry for over 50 years, he presented a personal view of the subject with a care and insight which betrayed deep concern and excitement for its future.

The Rector chaired the meeting and a vote of thanks was proposed by Dr Blow, Dean of RCS.

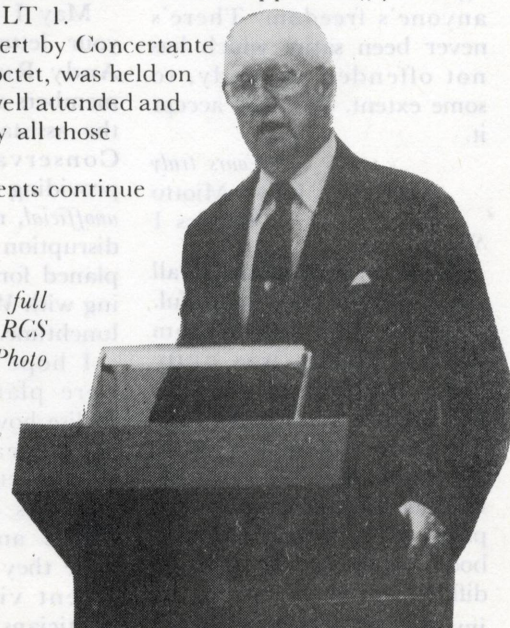
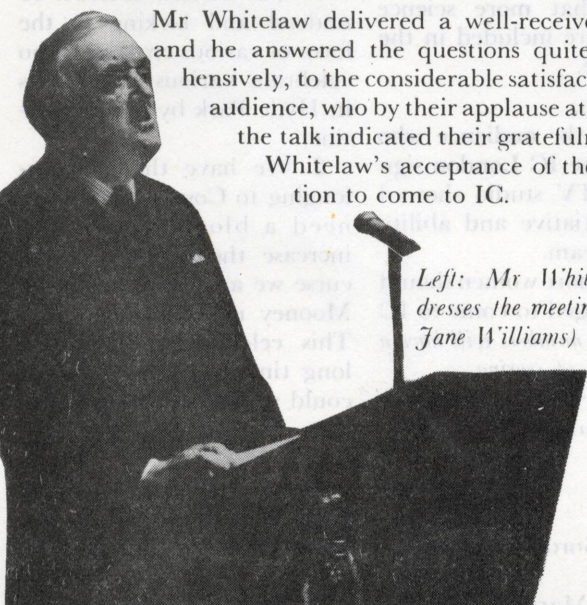
On Monday evening an exhibition commemorating the centenary was opened in the Consort Gallery. The exhibition, organised by Mrs J. Pingree the College Archivist, contains historical material from the various departments of RCS and gives a good opportunity to see some glimpses of the College's past. It will remain open until the end of term.

Tuesday lunchtime was marked by a lecture by A. H. Watkins, Chairman of the national H.G. Wells Society who spoke on "H.G. Wells-the early years". He outlined the childhood and early manhood of Wells, including his time at the Royal College of Science, to a disappointingly small audience in Physics LT 1.

A lunchtime concert by Concertante of London, a wind octet, was held on Wednesday. It was well attended and obviously enjoyed by all those present.

The centenary events continue next week.

*Right: Lord Todd in full swing during the first RCS Centenary lecture. (Photo Jane Williams)*







Dear Sir

This letter is about "the" democratic institution at IC—the UGM. I was most dismayed in seeing such a farce being made out of it. Were people there to decide on their Union, or just to have a good chat, a laugh and a few paper darts thrown at their head? It seemed most students just didn't give a damn about it, nor did they give the others a chance to listen. When will people be mature enough to take these things seriously?

On the Rag Mag issue, I would like to say to all the "puritans" who voted against that, if one does not like the jokes in the Rag Mag, he does not need to read it or sell it. But democracy also means not depriving other people of things which one might be against, but do not affect anyone's freedom. There's never been satire which has not offended anybody, to some extent. We must accept it.

*Yours truly*  
Olivo Miotto  
Physics 1

Sir

Being an avid reader of all things bright and beautiful. FELIX? The letter from Adrian Harris was quite polite. However, once again I will explain pricing of books. The price of a book is set by the publishers; by law, the Bookshop has to sell it at that price. If by chance when a book comes in the price is different from the one on the invoice, we check with the publishers as to the correct

price, and that is what we sell it at. The only time we can reduce a book price is if we have had it on our shelves over a certain period, if a book is faulty in any way, or if the publishers themselves reduce the price. It is nice to know that someone loves books as much as we do!

*Yours sincerely*  
Roy Hicks  
Bookshop Manager

Dear Mark

I would like to explain publicly why, at the time of writing (Tuesday), the beer for the Beer Festival has not been paid for. Last Saturday, I was asked by Steve Higgins (who is arranging the event) whether I could provide the money so that the beer could be obtained that afternoon. Very foolishly, I offered two cheques out of my own account for £550. Steve gratefully accepted them and collected the beer on Monday. I asked the IC Rag Treasurer to refund the money to me by Tuesday lunchtime at the latest. I have yet to hear *anything* from Matt Smith so, as threatened, I have stopped the cheques. If I had issued the cheques in the first place, there would not have been a Beer Festival. I deeply regret having bothered to save the Beer Festival. Yours in disgust with the IC Rag Chairman and Treasurer.

Chas Fuller  
RCSU Hon Junior Treasurer

Dear Mark

May I take up a little of your letter space to thank Andy Rushton and other members of Guilds Union for the assistance they gave the Conservative Society in providing security against an *unofficial*, rogue "Hit Squad" disruption rumoured to be planned for the Consoc Meeting with Willie Whitelaw this lunchtime.

I hope those idiots who were planning this attack realise how much extra work they created for College security, the police and for students involved in both Guilds and Consoc. I also hope they realise, in light of recent violent attacks on politicians how detrimental such an attack, if attempted,

would have been to the image of IC, and to the future of the popular (official) Guilds Hit Squad.

Chris Webb  
Consoc

Dear Mark

We, the members of the recently selected University Challenge team, would like to draw the attention of IC students to the following extracts from Union policy, passed on the last occasion when IC fielded a team in University Challenge.

*ICU Notes:*

1. The thrashing of the IC team in a University Challenge TV programme... (when)...Queens College Cambridge beat IC by 390 points to 140.

7. That the team was not suited to the questions asked.

8. That Bamber Gascoigne remained cool during what must have been an extremely boring programme for him to compete.

*ICU Instructs:*

1. ICU Exec to select a more suitable team for the questions asked. (Fortunately for our dignity, the original wording "ICU Instructs the Exec to select a team of homosexual beer-swilling louts who cannot do any worse than the chosen team" was amended.)

4. ICU Exec to write a letter to Bamber Gascoigne... asking him to ensure that our team will be able to answer the questions next time by ensuring that more science questions are included in the programme.

*ICU Believes:*

3. That the audience who obtained the IC London sign from the TV studio showed greater initiative and ability than the team.

4. That more women should be encouraged to come to IC so that team members will have a better chance of scoring.

We are eagerly waiting for this motion to be implemented.

*Yours sincerely*  
A.E. Griffiths  
Gordon Masterson  
T. S. Pigden  
Martin S. Taylor

Dear Mark

So, Scaramouche asks about a children's puppet series. Why can't we all be more adult?

The next thing you know people will be asking for the names of the other characters in 'Torchy the Battery Boy' and 'Noggin the Nog' and the name of the crashed spacecraft in 'Land of the Giants' and the name of the really big bloke in 'Mission Impossible' and the name of the frog in 'Hector's House' (Kiki).

I must go now as my mummy is calling me in for my tea.

Cossar

Scaramouche replies:

Passing over the fact that 'Cossar' feels it necessary to hide his identity beneath a pseudonym, and ignoring the fact that he has written a letter so disjointed it verges on illiteracy, I am greatly piqued that he dare insinuate that I am unfamiliar with the various characters in that classic of adventure and animation, *Noggin the Nog*.

Has he never been inspired by the bravery of Thornogson? Or trembled at the approach of the Ice-dragon? Or thrilled to the fights between Nogbad the Bad and Graculus? Surely anyone who dismisses children's television so lightly must be totally devoid of emotion.

Dear Sir

I would like to take this opportunity to supply answers to points made last week.

1. IC Satan Union is undead and kicking in the form of various creatures who celebrate various ceremonies in Hyde Park by the Serpentine.

2. We have the goat belonging to Cossar because we need a blood sacrifice to increase the potency of the curse we are going to put on Mooney next St. Walpurgis. This celebration is quite a long time away so if Cossar could supply us with a virgin then he can have his goat back.

Anyone wishing to contact with us can do so on the Astral Plane at any time.

*Yours*  
The Four Horsemen of the Apocalypse

## RCS win raft race

Despite a near-capsize and the air-resistance of Dave Thompson's shorts, RCS won Sunday's raft race in a thrilling split-hair finish. Guilds came second in a strong field of two, and claims that Mines won with an "invisible raft" were discounted due to lack of photographic evidence.

The teams set out from Princes Gdns at 10:45am, and the advantage of the ultralightweight cardboard and plastic craft of RCS became apparent as they took the lead. As Guilds also had to assemble their three-part raft before launching, RCS landed with a three-minute lead.

Due to a last minute course change to avoid non-existent Mines' divers, both sides landed behind bars (in the fenced-off lido area) and had to pass the rafts over the railings. RCS arrived back at Southside in a time of fifteen minutes, with Guilds walking in five minutes later after having their exec chat to a passing policeman.

Controversy still rages over the unraftlike structure of the RCS craft; it has been officially described as a 'pointed coracle'.

## In Memoriam: Monty

In the early hours of Sunday, November 15, Monty the Montpelier Street cat suffered a fatal accident on a road in the vicinity of the Hall.

The cat was known to IC students by many other names which it is not necessary to repeat here. The history of this feline friend covers affections by such bodies as the RCSU as well as the FELIX Editor. He provided companionship to weary students after a hard day at the College and will be missed by all. The name Monty was given to the cat by Dr Don Monro who brought him down from Weeks Hall to Montpelier Street.

## Getting together with QEC

The possibility of a collaboration between IC and QEC is being looked into by officials of both colleges in order to determine whether this can be achieved efficiently or indeed at all.

QEC has approximately 1,200 students and its campus is basically divided into two buildings, the older of the two houses halls of residences, a library and the administration section and the departments of microbiology and nutrition whereas the other building encompasses the physics, maths and chemistry departments.

The UGC budget for QEC for the session 1981/2 for expenditure is £2.74m (compared to an expenditure budget of £23.91m for IC). However QEC have been under considerable financial strain recently, considerably more so than IC.

Although nothing solid has taken place concerning the issue one of the possibilities being discussed is that of moving life sciences across to the QEC campus.

When Nick Morton was questioned about the "merger" of two student unions (with somewhat different views) he stated that the QEC students are "very pro NUS" and "quite left wing" he so stated that he would "hate to have an antagonistic factor up the road". Nick went on to state that at such time as QEC becomes part of IC there would be a very strong cause for a referendum.

As for the history of this possibility of merger it appears that after the Swinnerton-Dyer Report suggested a closer collaboration between QEC and IC, IC let it be known that they were open to approaches, it was at this stage that an approach was made by QEC.

As for his own part in the discussions, Nick stated that following the report of the working party the Rector would then consult the ICU President and it is hoped that the voice of the SU would be given considerable weight.

In any event, a decision whether or not to collaborate will be taken by the governing body by about December.

## Fare's Fair Fella

Dave Wetzel, the GLC transport spokesman, addressed the Labour Club on Tuesday. Naturally, Labour's plan for London Transport was his theme. As is now apparent, Dave confirmed that present policy is to improve services and reduce fares. A Utopian situation, he said, would be a comprehensive, free public transport system. Agreeing that this is a socialist ideal, Dave dismissed the allegations that County Hall housed extremists by saying he hadn't "ready anything in Marx about the GLC".

Overall, London Transport fares have been reduced by a third. Mr Wetzel claimed that the former Conservative GLC administration had planned to increase fares by a quarter. Quoting figures, Dave said that levying the controversial supplementary rate would mean Londoners

paying an average of £1.30 per week for reduced fares. He accused Mrs Thatcher of "crying her crocodile tears", saying that the Government could lessen this amount by restoring the grant it withheld from the GLC.

Dave didn't comment on the possible outcomes of the current action against the GLC as regards levying supplementary rates. However, he personally would rather take a "moral stand" against the law than fail to carry out Labour's manifesto. Mr Wetzel consequently accused Environment Secretary Michael Heseltine of trying to stifle local councillors. Mr Heseltine was alleged to be hoping to shift the burden of rates from commercial taxpayers to individuals. This, Dave said, was "totally unacceptable to us...and to Londoners".

## Twenty quid rebate

A meeting of the Student Residents Committee last Wednesday week concluded that a rent rebate for Montpelier Street residents should be awarded. The value of this rebate was put at £20.

The Montpelier St. Hall committee had earlier suggested that a figure of £24 would be a suitable amount. Present at the meeting were representatives of the Student Union, including Nick Morton (ICU President).

The general feeling amongst residents is that although a rebate recognises that conditions at the start of term were not satisfactory, the value of £20 is a somewhat meagre figure. It is highly unlikely that any further action will be taken. The rebate, which will be deducted from next term's rent, represents a loss in revenue of about £1,700 to the College.



CONDUCTOR

Richard Dickens

**BRAHMS**

Academic Festival

Overture

**BEETHOVEN**

Triple Concerto

**RIMSKY-KORSAKOV**

Sheherazade

at 8pm on Wednesday  
25th Nov  
in the Great Hall





Dear Mark

**Y**our intemperate editorial comments on the Chaplaincy and the Rag Mag were based on wrong information in four major areas.

1. The Chaplaincy is not against a Rag Mag only against jokes which are violent, racist, and derogatory to sick and handicapped people. Chaplaincy members are at present collecting jokes for next years Rag Mag, so that the charities the Union supports can benefit from the sale of a less offensive Mag.

2. The large turnout at the UGM was not exclusively from the religious groups in College—would that we we had so many. You don't have to be a Chaplaincy member to object to the 'humour' of some of this year's Mag.

3. The Chaplaincy did not break the Union Council ruling that the Mag was not to be circulated. No copy of the Rag Mag was sent to Lepira or any other charity.

4. Members of the Chaplaincy are interested in raising money for charity. As well as their individual participation in Rag events, West London Chaplaincy members in conjunction with the Catholic Chaplaincy have raised around £4,000 per year for the last eight years for charities ranging from the homeless in London to providing technical education for orphans in Kenya.

We are always glad you write about us in FELIX. Perhaps next time you would like to check with me (I am in

my office most afternoons, int 4221) so that your future articles have a basis in fact as well as in your lively imagination.

*Yours sincerely*  
David Ashforth  
Chaplain

**S**ir  
**W**hilst I agree with you that following the UGM the issue of the Rag Mag is closed (editorial November 13 1981), I cannot allow to go unchallenged the rather unpleasant remarks that you made about the Chaplaincy. I will attempt to supply facts to deal with your comments in the order in which they were made.

En masse voting—whilst it is true that the Chaplaincy and other religious societies had a major part in the success of the SCC amendment, it was also supported by other societies and, I believe, a large number of students unconnected with any particular society. Nobody seems to have been too much concerned about en masse voting by RSM on pro-South Africa issues in the past.

The suggestion that Chaplaincy members are more concerned with moral issues than the welfare of others and the support of charities is quite untrue. We live in the real world and, together with the Catholic Chaplaincy and students from other colleges, we annually raise more than £3,000 for our adopted charity. In addition we have, in the past, supported two Third World students although we have not been able to do so this year.

Two letters were sent, to Lepira and the Disabled Students Association, in order to establish the fact that 'jokes', such as the ones in the Rag Mag, do harm sufferers despite the fact that they may only be sold to students. The reply from Lepira, read out in the UGM, adequately proved this point. To my knowledge the letters were sent prior to the Council motion on the basis of one 'review copy' received by the Chaplains from the Deputy President. In any case, I seriously doubt whether Council has the right to stop anyone writing a letter to whoever they wish, so 'disobeyed' is an inappro-

priate word to use. You don't appear to be so strident about all the people who will have flogged their copies to friends for a vast profit.

This brings me to 'self-righteous prats'. The College Chaplain actually sent the letters—now I've heard people be a bit disparaging about him, but this takes the biscuit. As with the rest of us, you, sir, are entitled to your opinion, but I'm sure that when FELIX readers have read this letter they might begin to wonder who the prat really is. As for damage, I believe that because of the UGM this has been very limited, but I deny that any has been caused by the Chaplaincy.

*Yours etc*  
Steve Readings  
Chaplaincy Chairman

Dear Mark

**I**would like to correct your editorial in last week's FELIX concerning the Chaplaincy.

Firstly, we're not self-righteous prats!

Secondly, we did not disobey the Council motion, as the Rag Mag was not sold to several charities, but a few relevant "jokes" sent. Nor has it caused much of the damage we were trying to prevent, as it was sent to the administrators of the charities and not those afflicted. If you were so damn concerned about obeying the Council motion you wouldn't have printed the advert for an IC Rag Mag, priced at £25. Do I smell a hypocrite?

Thirdly, many of us do put in time to collect money for charity; last year the Chaplaincy raised about £4,000, approximately one third of what Rag raised last year.

And fourthly, we will gladly contribute jokes for the Rag Mag.

Next time, get a proper reporter to investigate the facts!

*Yours sincerely*  
Graeme Shaw

Dear Mark

**W**ith reference to last week's editorial:

1. You implied that it was only the religious societies who, by their vote, prevented the Rag Mag being sold. In

fact, Guilds Gen Comm had already taken the initiative by refusing to sell it.

2. You said that those who voted to ban it should try to recoup the money. As Michael Foot has recently been trying to enforce, members of a group should abide by the collective decisions of that group, and therefore everyone should try to recoup the money.

3. You implied that members of religious societies are not bothered about collecting money for charity. Last year the Chaplaincies, with a membership of about 200 students, raised £3,000 for charity. ICU, with a membership twenty times greater, managed £12,000.

4. Two years ago, following the outcry against an offensive Rag Mag, a UGM voted that it must not be sold to the general public. The producers of this Rag Mag chose to ignore that indication of student opinion, and are therefore largely to blame for the situation we are in.

5. The Chaplaincy did not sell the Rag Mag to external bodies: a review copy was passed on to the charities. I suggest that Rag Mags sold only to IC students would find their way outside College in a similar manner and in far greater numbers. The Rag Mags were sent to people already helping the victims concerned; had the Rag Mag been sold in College, not only might it have reached the victims themselves, but it would almost certainly have prejudiced people against helping and befriending them.

*Yours sincerely*  
Martin E. Bradley  
BE3

#### Nota Editoris:

And behold it came to pass that the Editor did receive an heap of contradictory letters, and there was a great confusion. For lo, it is written that thou canst not rely upon the Chaplaincy to get their story straight and (despite the pretence of innocence) they have all admitted that indeed it was they who performed the foul deed.



## Small Ads

● **I just have to sell this:** Westbury Standard Electric guitar, Simms-Watt 100w valve amp and a Marshall 4x12 cabinet, £250ono. Reason for sale: mother-in-law moving in, equipment moving out and I desperately need the money. Contact Shezi Abedi, Phys 2 or 352-7446 (eves).

● **Tickets** to see the Pretenders at the Lyceum on Sunday, December 13 are available from Claire, Chem Eng 1. respray, good looker, 40mpg, 11mths MoT, £500, 584-0854.

● **Honda CD 175 motorbike**, T reg, only 3,200 miles, just serviced/overhauled, excellent condition, £275 (quick sale). Contact David Firth, Rm 2G4 Bernard Sunley House, 42 Evelyn Gdns or use Physics pigeonholes to arrange meeting.

● **Fiat 127**, 1050cl immaculate condition, stereo-cassette, 1 owner, £1,800. Contact Rabi on int 3714.

● **110WPC amplifier:** Trio KA801, 4mths old, £280. Contact W. Pennington, Chem Eng.

● **JUMBLE SALE:** The Gloucester Playgroup will be holding a jumble sale at St Stephens Church Hall, Emperors Gate, SW7 on Saturday, December 5 from 11:30am to 3:00pm. Your jumble can be collect (or deliver if you can) call the Playgroup on 370-4746, 10:30-12:30 Mon-Fri. Please help us. Proceeds will go towards equipment for the Playgroup.

● **Well done Roger** 250 a night and still going strong.

● **BUNAC:** Interested in working in the USA this summer. Then come to the Green Committee Room this Friday at 12:30pm.

● **Guides:** Anyone interested in helping with Guides or Brownies in South Ken contact M. Yorston, Biochem PG.

● **Expedition to the Sahara Desert;** anyone interested in going and willing to help with the preparatory work, please contact M. Risby, S. Rodan, Phys 2 or 218 Hamlet Gdns, Ravenscourt Park, Hammersmith, SW6 OTS.

● **ACC:** The next meeting will be on Tuesday, December 6.

● **Thank you everyone** who helped on the 14th—Chris.

● **IC Wing Tsun Club** invites you to a party—music, food, drinks, raffle, party games and a demonstration by Master Lau on Saturday, Dec 12, 6:30pm. See next week's FELIX for further details.

● **IC Tap Dancing Society** more information from Kate Ayling, Rm 72 Weeks Hall.

● **Light Removals**  
Business was great, I got many calls. Now most of the time I just scratch my balls

Yes, I'm still in the vicinity  
Cause I'm like you I like money  
Make me happy Ring Richard on 2801.

● **Dear Andy,** Have a wonderful birthday on Sunday.....and night. Love Gillian.

● **Happy birthday Martin Cruft.** Best wishes and good luck in the Montpelier Pool ladder (When the table works)—Shawn.

● **Croydon High Rule OK?**

● **Ric:** Is TM as uplifting as a Playtex bra?

● **Melissa** found the limits of lubrication yet? Free consultations anytime J.

● **Battered Wives:** Is anyone interested in helping them by taking their children out to see London and the Christmas lights? See Community Action column for details.

● **Several reduced price tickets** remaining for *Amadeus* on Nov 24. Contact Chris Teller (Int 2854).

● **1 bdrm** for 2 persons in fully equipped basement garden flat, just off Holland Pk, £20pw, available now, Julian Shiel, Phys 2, or 938-1260.

● **Flat swap:** newly modernised 1 dble, 2 sgles, kitchn, bthrm, 2 mins Gloucester Rd, £75 pw, inc. Swap for flat for four with lounge, anywhere. Reasons for leaving revealed to genuine applicants only. Apply to Ms Ong, Maths UG letter-racks.

● **Get into whesals:** contact S. Errington, 84 Weeks Hall.

● **Guilds Hit Squad:** Where the hell were you 10:20 Chem? Chem 2.

● **Brian** how's your British friendship? Making for international recognition?

● **Vote JEZ** for ULU Paedophile Rep.

● **Cyprus Society:** Anyone interested sign the poster in JCR, Sherfield or contact Kypros P. (Civ Eng 1), Haris K. (Mech Eng 2), Savvas (DoC3), Parsy Z. (DSES).

● **College Accommodation:** A number of places are available in shared rooms for males (and one for female). Also one single room for male PG. Contact Student Services for further details.

● **Ann D:** You never did apologise for the fairy liquid.

● **Many thanks** to everyone who visited me in sick bay last week and to Pat and Jean for looking after me so well—Rebecca.

● **House 12 Room 21 Hit Squad** wish to announce their formation, the constitution of the H12R21HS will be drawn up at the forthcoming SGM. Solidarity greetings to H44(Re-app)HS and H109HS. PS: Does H33HS actually exist?

● **Dexter** thinks that Patrick Fondle-wily should check his facts, Cynthia is spherical. PS: Guess who Brian is humping tomorrow.

● **Quote:** "It won't be long before straight sex is really hip"—Mr A. Pearson (309).

● **BE2/DNW/309** wang of the week: Steve Harrison and Graham Kennedy (shared).

● **Ric:** Please be quieter in your room at night, we're sure TM isn't that noisy. H44HS.

● **622 Squadron memorial dinner**  
Menu: grapefruit à la geiger, haddock balls with tomato sauce, gammon, boiled cabbage with tomato sauce. Parkin (with tomato sauce). Coffee (red plastic mugs). Dress: Edwardian curtain material. Venue: Mining House Art Gallery. (Sponsored by Rolls-Royce.)

● **Hope Guis and his Gang of "C's",** are not lying on their arses, when they get their wet-dream; best wishes from the anti-C-landing retributionists (new members welcome).

● **Cypriot students:** Come to K.E.F.I.V. meeting on Nov 21 at 2:00pm, Collegiate Theatre, University College, Gordon St, WC1. Also a 'Cyprus Night' at 8:00pm same day, same place £1.50 including food, drink, dancing

# Thinking about your career?

Students in all degree disciplines are invited to a presentation by Ford Motor Company Ltd.

We shall be in Committee Room 327 in the Sherfield Building from 6-9 pm on Monday 23rd November — please come along.

If you are unable to attend, but would like to know more, you can get a copy of our latest brochure and information about our likely requirements for 1982 from your Careers Office. Alternatively, write to David Warrell, Room 1/178 Ford Motor Company Limited, Eagle Way, Warley, Brentwood, Essex.





# Mines Open Day

Careful inspection of the Small Ads column in FELIX would have forewarned diligent readers of the advent of our second annual open day last Monday.

How does one measure the "success" of such an event: attendance, interest, number of exhibitors, standard of exhibition, organisation or whether interviewees claim that the day turned them onto a course at RSM. I claim that the "success" is a combination of all of these and that individuals should take their own opinion:

477 'junior students' attended representing 88 schools with 39 teachers in attendance. We actually invited 465 schools and got replies from about 120. The deficit of 345 is worth noting—especially in the present economic climate. Maybe school principals place more importance on 11<sup>1</sup>/<sub>2</sub>p on postage than a potential degree with subsequent career.

Interest value is directly proportional to the interest of the person being exhibited to. In our invitation we offered five places to each school with the intent of precluding 6th form outings. One school brought 16 students, all of whom he claimed were interested. Exhibition staff are the best to judge the actual interest and I quote: "I was surprised to note that rather than having eight people gazing into space and one person paying attention your Open Day was the reverse of this." (Min Proc stand);

"There does seem to be a genuine interest from the majority of people attending." (BP stand) And one from a student: "I wish I had been able to see this exhibition before I chose my A Levels"—therein lies a problem.

We had 34 exhibitions overall, of which 16 were supplied by companies. All the exhibitions high quality and interest value and all reflected the diligence of the exhibitor to portray their field to its best. One representative from a mining company did, however, think that his company should buck its ideas up a bit—I had to agree!

Experience from last year showed that you have to split students in to groups and guide them around. A Laissez-faire system does not work at all. We used co-ordinators on each floor and is the muster room and this appeared to work reasonably well although, at the peak hour (11:00-12:00) we did have a little bit of trouble co-ordinating effectively. Guides showed their group around his/her respective department and then returned the group to the muster room—This system appeared to work well.

As for whether our Open Day will convince prospective students to come to the RSM to do a course is not, I believe, a matter of significance. If we have managed to impart information to careers teachers—who are remarkably ill-informed about Mineral Resources Engineering—then we have succeeded.

Finally, I must thank the people who worked extremely well to make the day work. It would be unfair to name a few as it might belittle those who did a small but vital function at the right time.

C.M. Sleep

Open Day Committee Chairman

## Centenary Ball Tickets

I am still quite willing to accept cheques for the "Ball of the Century"—but time is running out.

If you want to go, you need a ticket. These will be distributed next week. If anyone has not yet received a receipt, please let me know immediately in case your cheque has not reached me.

Cheques may be sent to me through the internal mail. Alternatively, I will be in the RCSU Office (above Southside Shop) on Monday, Tuesday and Wednesday lunchtime. After Wednesday (Nov 25) lunchtime, no more tickets will be sold.

Yes, you've got it—this is an ultimatum.

Andrew North  
Hon Secretary  
RCS Union

PS: No Riff Raff.

## Guilds Motor Rally

### An outsider's view

8:30pm I arrive at the congregational area beside Chemistry amid much activity; John Vedy, Motor Club Captain, tells me that they have a full complement of twelve cars (all their rally licence allows) and that the weather looks set for a good night's driving. I meet some of the marshalls, who keep track all the competitors' cars and time them through the various sections of the route. They keep in touch with each other by a licenced radio amateur in each of the ten marshalls' cars (not CB). The competitors cars are scrutinised to make sure that they're fit for the hard driving they'll receive and one by one they make for the start in the heart of Kent, in fact Toys Hill, the highest point of the county. I join the rally organiser, and we make our way there as well.

10:45pm The quiet of a National Trust car park is disturbed by 22 cars preparing for the trip.

11:15pm I leave in the course opening car, which goes round the route ahead of all the competitors, checking the road, and putting passage control (PC) boards by the side of the road, each with a symbol on it which the competitors have to note down to prove that they did traverse the correct route. We meet the first (stationary) marshalls' car, and give them their instructions.

11:25pm The alternator in our Escort appears to pack up—leaving the headlights, radio and engine to run down the battery. The car stalls a couple of times and muscle power gets it going again, but no one knows how long the battery will last.

12:00am Half-way through the first section (of two) and we're getting rather paranoid about our battery, which seems to be nearing its limit. The leading competitor's car is only

seven minutes behind us (too close for comfort—there's meant to be about a half-hour gap).

12:15am For no apparent reason the alternator starts working again, and we heave sighs of relief.

12:30am We hear over the radio that two of the cars seem to have got lost—some of the navigation clues can be quite cryptic.

12:55 We plant a PC board on one of the two long legs of a triangle—any rally cars who try to save time by cutting off that section will miss it and lose points.

01:35 The two errant cars have found the route again, but a navigator in another car is rather the worse for wear, and so they retire before he throws up his supper. We have made up some time and are well ahead of the lead car.

01:45am Arrive at half-way point—a chance to have a rest and some thermos coffee.

02:15am Off again, to more high-speed driving through narrow country lanes, giving instructions to the marshalls along the route, and feeling the effect of lack of sleep as the driver and navigator survive on caffeine tablets.

03:55am We 'plant' the last PC board and race for the finish at an even higher speed than our usual hair-raising pace.

4:10am The first competitors arrive at the finish and the task of adding up all the marks begins. It seems that there had been no accidents and no-one got totally lost on the rally.

04:45 The provisional results are announced, the winners being Kift and Gaylor.

05:10 Head back to College and a very welcome bed, reached just as dawn broke.

Jasper

## Tandoori Cassette

It must be quite a comedown for musicians who've played Hammersmith Odeon and been involved in the first satellite broadcast of a rock concert to play to a crowd not reaching three figures.

The reason for the poor crowd was insufficient publicity which resulted from a misunderstanding between Ents and IC Rag Committee.

However the concert did not lose money, but this should not ease the conscience of those who couldn't be bothered to attend. It only cost £1.

As for the music, the band played a loud, if restrained, mixture of 'heavy' rock with liberal inclusion of tapes and various other effects.

They sounded best when playing progressive chord sequences and although their hearts are in the right place lyrically (singing about unequal distribution of wealth—Third World Briefcases) it was difficult to hear the vocals clearly. Best numbers included Dancing Days and Clone on the Phone which along with 'cleaning up' of other material could form the basis of an impressive debut album.

Driving force in the band is Zal Cleminson (guitar, vocals and writer of all the songs) who founded the band with Barriemore Barlow (drums). Other members are Charlie Tumahi (bass) and Ron Leaky (keyboards).

Support was Jon Benns whose songs about subjects close to IC students' hearts went down well.

Finally, although Tandoori Cassette's show allowed little improvisation (opening and closing with a tape) it was highly insensitive and ignorant of someone to play a record over a PA without giving the band the opportunity to earn an encore.



# Neil Young & Crazy Horse Re-act-or

This is the first 'state-of-the-art' album from Neil Young for quite some time, all the songs being written in the year of release, unlike his past three albums.

It also features Crazy Horse throughout and I was tempted to say that its sameness was due to Crazy Horse's lack of imagination but a listen to their 'Crazy Moon' proved that wrong.

So is it Neil? Has time caught up with him at last?

Well he no longer produces guitar classics like Cowgirl, Hurricane or Cortez, but many of his albums are classics without any of the super 'guitar-hero' bit viz Goldrush, On the Beach, Tonight's the Night and Rust Never Sleeps. A more plausible explanation is that previously only two or three of the current genre of songs appeared on each album so really this album is a case of overkill and lacks variety.

It starts promisingly with 'Opera Star' and 'Surfer Joe and Moe the Sleaze' but his most uninspiring track ever brings the entire machinery to a halt. Two lines 'Got mashed potatoes/Ain't got no T-bone' are repeated in various sequences over nine minutes of the same music—give me his country-rock anyway!

Side two is a panorama of America (albeit limited)—Detroit, public service employment, the Southern Pacific Railroad and the Midwest—its musical hero undoubtedly being Ralph Molina with excellent drumming throughout, notably on Shots, a song of enormous potential spoilt by Young's rough and ready attitude to recording.

Generally Young fans will like this album while others are entitled to ask what's all the fuss about.



## Centenary 300-a-side Football

Sunday, November 22

Meet Hyde Park Corner/CCU Offices at Noon.



On Tuesday at 1:00 and 6:00pm (to avoid Dr Who!) STOIC will broadcast the interview with Michael Aspel recorded two weeks ago. He is pictured here in the College TV Studio with interviewer Mike Hackett. (Photo: Paul Markwell.)

## What's On

### Friday, November 20

- Anti-Apartheid Group Meeting**, 12:30pm, Union Dining Hall.
- Demonstration and Talk** about the BBC Micro by John Coll of Acorn, 7:00pm, LT145 Huxley. Members free, 30p for non-members. The BBC Micro is said by some to be "the best thing since sliced bread". Organised by IC Microcomputer Club.
- ICCAG Soup Run**, meet 10:30pm, Falmouth Kitchens.

### Saturday, November 21

- Afro-Caribbean Society Disco**, 8:00pm, Union Lower Refectory, 50p members, £1 non-members. Types of music featured: Funk, Jazz, Soca, Reggae.

### Sunday, November 22

- West London Chaplaincy Service and CGM** with Preacher: Rev David Mullins, 10:00am, Ante-Room, Sherfield Building.
- Wargames Club Meeting**, 1:00pm, Union SCR.

### Monday, November 23

- Hang-Gliding Club Meeting**, 12:30pm, above Southside Bar.
- Wellsoc** present *The Man Who Could Work Miracles* (film), 6:30pm, Mech Eng 220, 20p. Everybody welcome.
- Dancing Club Advanced Class**, 7:30pm, JCR.

### Tuesday, November 24

- Catholic Mass and lunch**, 12:30pm, Chem 231. Nominal charge for lunch.

- Weekly meeting of IC Boardsailing Club**, 12:30 and 6:15pm, Southside Upper Lounge. Contact Nick Ajderian ME3 or Andy Grimshaw Zoo 2 for further details.

- WIST Meeting** (womens group), 12:30am, SCR, first floor, Union Building. Open to everybody.

- STOIC celebrity interview** with Michael Aspel, 1:00 and 6:00pm.

- Dept of Humanities** presents

1. Man-made, God-made with Prof Eric Laithwaite, 1:30, Read Theatre, Sherfield.
2. Europe's Culture Revolution, 1880-1914 Part 3: The Age of Kandinsky with Prof Micahel Biddiss, Prof of Hist, Reading, 1:30pm, Pippard Theatre, Sherfield.

- Coffee Cacophony**, 1:30pm, No 58. Last one of term.

- IC Amnesty Group Meeting**, 5:30pm, Green Comm Room (top floor, Union Building).

- Met & Mat Sci Lecture: Super Plastic Forming of Metals**, 6:00pm, Mines G20.

- Wine-Tasting Society: Austrian Wine**, 6:00pm, Union SCR.

- Astrosoc Meeting**, 6:30pm, Phys LT2. Members only (anyone can join at door).

- Socialist Society Speaker Meeting: British Union for the Abolition of Vivisection**, 6:30pm, Green Committee Room.

- Dancing Club Beginners Class**, 7:30pm, JCR.

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

### Wednesday, November 25

- Four for the Gospel Makers Part 3: Food Provided**, 12:30pm, Chaplains Office.

- Methsoc Talk** by David Winwood of MAYC, 12:40pm, 9G Princes Gdns. Lunch 50p.

- Wargames Club Meeting**, 1:00pm, Union SCR.

- IC Trampoline Soc**, 5:30pm, Courtauld Hall, QEC, Campden Hill Rd. Contact Kristen Hansen, Chem 2 for further details.

- Motor Club Film Night: V For Victory and A Car For All Seasons**, 7:00pm, Mines 303. Further details on club noticeboard in Mech Eng.

- Dancing Club Alternative Beginners Clas**, 7:30pm, JCR.

- IC Orchestra Concert**, 8:00pm, Great Hall, £1 (75p to students). Featuring Rimsky-Korsakov: Sheherazade; Beethoven: Triple Concerto; Brahms: Academic Festival Overture.

### Thursday, November 26

- Vegsoc Meeting**, 12:30pm, Rm 433 Huxley.

- STOIC** featuring Newsbreak, 1:00 and 6:00pm, JCR (1pm only), Southside TV Lounge, Southside, Beit, Linstead and Weeks Halls.

- Methsoc Bible Study** at 12:40 and dinner at Hinde Street at 6:00pm followed by *After the Rain* production by members of Hinde St Methodist Church. Cost £1.50 or £2.00.

- Christian Science Group Meeting**, 1:00pm, Seminar Room, Level 2S, Botany.

- SF Soc Talk** by Barrington J. Bayley, 1:00pm, Green Committee room. Free (members).

- ICCND: Nuclear Weapons Proliferation—the case of South Africa**, 1:00pm, Upper Lounge.

- Dept of Humanities** presents

1. Film: The World at War (Thames TV) Part 6: Wolf Pact, 1:15pm, Great Hall.
2. Lunch Hour Concert: Arion Piano Trio, 1:30pm, Music Rm, 53 Princes Gate.

3. RCS leads into Biotechnology with Prof B.S. Hartley, FRS, Prof of Biochemistry, Imperial College, 1:30pm, Read Theatre, Sherfield. (Arranged by RCS Union).

- Gliding Club Meeting**, 5:30pm, Aero 254.

- Fishing Club Meeting**, 6:00pm, Stan's Bar.

- Rag Film: One Flew Over the Cuckoo's Nest**, 6:30pm, ME220, 50p.

- J. Soc Questions Time**, 1:30pm, Huxley 341.

- Real Ale Soc Meeting**, 7:30pm, Crush Bar, Union, £1 membership, SU cards required. 3 real ales!



# CONSTITUENT COLLEGE UNIONS



City & Guilds

Here endeth Rag Week, and as yet another fun-packed ten days comes to a close, tonight we reach the event of the year: GUILDS CARNIVAL. With live bands playing all night, three films, food and a bar extension till 4:00am it's something not to be missed. Tickets are £3.50 from CCU Offices in advance, and £4.00 on the door.

We then give you three days to recover before we take you out to Paulos on Wednesday to eat as much food as you can for only £4 (tickets from Guilds Office) and if you're not into Brazilian food there's always the Hammersmith pub crawl on Thursday—meet 6:30 for 7:00pm in the Union Bar.

Finally congratulations to all those who helped on the "fantastic" float, and many thanks to Mike for all the many hours of hard work. I hope to see you all tonight.

Love, Neil.

PS: Don't forget to see your social reps for details of the Year Rag (Saturday, November 28).



The Open Day went very well with approximately 400 students and 100 staff members and exhibitors attending. Thanks to everyone who helped out.

The Mines Dirty Disco last week was a great success, but we didn't quite manage a raft for the raft race on Sunday.

Tomorrow (Saturday) morning the annual RSMU v RSMA rugby match is being played at Harlington. Anyone wishing to go and see the match please contact Paul Atherley (Mining 3).

Tickets for the Min & Met Sci Chislehurst Caves Disco on December 4 are available in the Union Office at £4 each.

Tickets for the Mines Ball, on December 8, are also available in RSMU Office at £25 a double ticket. This includes a four-course meal, sherry, wine, port, jazz band, cabaret, disco and late bar—it is the best event in the RSM calendar, so don't miss it!

Gaynor



Fresh from the successes of the Raft Race and the Smoking Concert, here is yet another RCS flop. My article. But apart from this, everything is in good working order, even Dave, and the months of preparation for the Ball are reaching fulfilment. It's going to be a good one, chaps.

Tomorrow we are all (yes, all—that means you too) going out on the mammoth Centenary Stunt either dressed in Victorian costume, or in possession of 100 of anything. Meet between 10:00 and 10:30am in the RCSU Office.

Read your 'What's On'. Check the Centenary Programmes. Don't miss the lectures by incredibly famous scientists. But most of all, have a nice time.

Phil, RCSU VP

## One Hundred Years of the Royal College of Science



Saturday November 21	Charity Rag in Victorian costume. Details from the Imperial College Union Office.
Sunday November 22	Football in nineteenth century dress, Hyde Park. Details from the RCS Union Office.
Monday November 23	H.G. Wells Society film: <i>The man who could work miracles</i> , Mech Eng 220, 6:30pm.
Tuesday November 24	Prof G.J. Whitrow Lecture: <i>One hundred years of the Royal College of Science: Personalities and achievements</i> , Chem LT B, 5:30pm.
Wednesday November 25	Imperial College Symphony Orchestra Centenary Concert, Great Hall, 8:00pm, £1 (studs 75p).
Thursday November 26	Prof B.S. Hartley, FRS Lecture: <i>Royal College of Science leading into Biotechnology</i> , Read LT, Sheffield, 1:30pm.
Friday November 27	Centenary Dinner and Ball. Guest of Honour Prof Sir Andrew Huxley, President of the Royal Society Black tie. Sheffield Building 7:30pm-2:00am.

## Bookshop News

As our Christmas selection is slowly coming into the Shop each week, I will do a small review of some of the newer titles.

*Vera Britten's War Diary 1913-1917*, Gollancz Ltd, £8.50. This will be warmly welcomed by a whole new generation as well as many older readers who still treasure the memory of *Testament of Youth* which we understand to again be revived on television.

*Best of J.J.*—John Junior, Sidgwick and Jackson, £6.95. This book recaptures the anger, the compassion and the laughter of Britain's leading columnist.

*Hidden Places of Britain*—Leslie Thomas, Arlington Books, £9.95. A travel book with a difference. It will appeal to all those who love the romance of strange places. Leslie Thomas' adventures range from the first street in England to a lighthouse in the far north of Shetland.

*Wines of the World*—Andre Simon, MacDonald, £18.95. This is the second edition of a book by one of the greatest authorities on wine. Serena Sutcliffe has brought together fourteen experts in their own areas, to provide up-to-date information on all the wine producing regions of the world.

*David Bailey's Book of Photography*, Dent, £14.95. The author believes that photography is as much an art as it is a science, therefore he gives the necessary background and technical information on the whole of photography.

*Sugar and Spice*—Ronnie Barker, Hodder & Stoughton, £4.50. This is a picture book which sings a song of praise to the ladies: girls, women, call them what you will. All the illustrations depict an age gone by. A wonderful book, full of charm, humour and sadness.

*Culperers Complete Herbal*, Harvey Sale, £7.50. Do you suffer from 'chickweed water wort', 'greater' or even 'dwarf spruge' or maybe 'calves snout'? If you do, you should get a copy of this marvellous book. This edition is a true facsimile of the 1826 edition; herbs and their uses are presented in alphabetical order.



## H.G. Wells Soc

Wellsoc will be showing another classic H.G. Wells film on Monday as part of the RCS Centenary celebrations.

*The Man Who Could Work Miracles* is about what happens when the Giver of Power is tempted into giving an earthling the power of unlimited miracle working. This, of course, leads to disastrous consequences, with infinite power corrupting infinitely with one or two interesting chronologically out of joint situations on the way.

The film was made in 1937 and (like *Things to Come*) was scripted by H.G. Wells himself. Alexander Korda directed this classic which is best remembered for the cinematic effects (which are by no means too old hat for more sophisticated audiences of today) and Ralph Richardson's marvellous portrayal of Colonel Winslanly.

*The Man who Could Work Miracles* will be shown on Monday, November 23 at 6:30pm in Mech Eng 220.

## Yacht

Last weekend's sailing was one of the most eventful yet. Eleven sailors and two captains manned two yachts, *Quinta* and *Churchill*, both berthed at Lymington. The weather forecast predicted fair winds so we were determined to get out of the Solent.

Saturday saw us drifting slowly from Lymington to Studland Bay (near Poole) via the Needles. *Quinta* did some nifty spinnaker work and made fair progress but *Churchill's* skipper took things more geriatrically. At Studland, *Quinta's* captain showed he was a landlubber by steaming his yacht aground. The evening's entertainment was mainly alcoholic but there were also some jolly japes with dinghies and buckets of water.

Sunday brought near perfect sailing weather so at 6:40am we set off to go round the Isle of Wight before returning to Lymington. *Quinta's* captain, tempting fate, kept close to the island all the way and sure enough they went aground while doing 7½ knots with spinnaker up. Both yachts got back to base at about 3:30pm.

So if you like the idea of yachting—offshore or on shore (we have skippers which cater for all tastes) why not come to meeting, 12:30pm Thursdays in Botany Common Room (under Beit Arch).

## SF Soc

Here we are again. Oh God. What have I got to talk about this week. Ah yes. Barrington J. Bayley is coming to talk to us, on Thursday, November 26 at 1:00pm in the Green Committee Room. Nice bloke, Barry. First time I met him he bought an NME 2. Written some good stuff, too. I like "Soul of a Robot" best, but others prefer "Full of Chronopolis". Still, anyone who can reply to "Hi, I'm Phillip" with "Hi, I'm pissed" can't be bad.

Re '2001' Ents Quote: "sorry 'bout the sound, but overseas buggered the amp." The mind boggles.

You might like to know what the people who were at last week's meeting chose as films for next term. If you don't like it, remember you could have helped choose if you'd come. January 'Time After Time'; February 'Plan 9 from Outer Space' with 'Relativity'; March 'Carrie'; End of March Easter Bunny Special: 'Night of the Lepres' and 'Bugs Bunny Goes to Mars'.

Life's a farce.

## Liberal

On Tuesday, November 24, there will be a meeting of IC Liberals at 1:00pm in the Green Committee Room. Items to be considered will be the forthcoming visit of Stuart Mole, party candidate for Chelmsford and political assistant to David Steel; and the production and articles for the next edition of 'Forward'. If you have a complaint about ICU, government cuts, party politics, or can compile a crossword, draw cartoons and basically have a lot of talent, then come along. Forward is a voice independent of the sabbaticals, so let's have your views. By the way, next year sometime we hope to be holding a meeting in conjunction with SDP Soc at which David Steel will be speaking.

## Anti-Apartheid

In South Africa the white minority (one in four or less) deprive black people of basic human and democratic rights—the right to freedom of speech and movement; the right to education, housing and health; the right to vote. The system of Apartheid (meaning "separate development") is supposedly designed to enable various cultural and ethnic groups to remain distinct and self-governing. In reality it is the means by which the whites divide and rule. The blacks' shanty towns are bulldozed to the ground, and the blacks themselves are forced into infertile "homelands" whether they want to go "home" or not.

South Africa's economy largely depends upon the exploitation of mineral resources (such as gold, diamonds and uranium from Namibia) and to achieve this as economically as possible the white South Africans depend on the exploitation of cheap, black, frequently migrant labour. Thus it is in the government's interest to perpetuate institutionalised racism, whatever they may say about their good intentions.

Imperial College Anti-Apartheid Group was re-formed last Friday. On Friday, November 20 (lunchtime today) there will be a speaker meeting in the Union Building. Next week there'll be a display in the Junior Common Room for two days or more. In the near future we'll be concerned with the unresolved issue of South African government sponsored students on nuclear technology courses at Imperial College.

## Astrosoc

After a brief respite last week, Astrosoc has now bounced back with a very full programme of events for the last few weeks of term. First and foremost, there is the EGM on Monday, November 23 at 5:30pm in LT2, when this year's committee will be elected. You still have until Friday evening to put your name forward as a candidate (don't forget the proposer and two seconders as well) and even if you don't want to be a committee member, please come and take part in the voting.

The following day we resume our regular lecture programme with Prof Kibble of the Theoretical Physics Group speaking on something cosmological (coffee and biscuits afterwards). Then on the Wednesday, we have the first of what we hope will be regular observing meetings. This will be at 2:00pm in the "Wave-guide" in Physics (Level 1). We hope to start work on 6" and 8" refractors, to enable serious observing to start before the end of this term, and also to discuss the subject matter of a proposed three-lecture "course" on practical observing techniques.

So at last Astrosoc has provided an alternative to lectures for those members interested in watching the sky (or should I say the clouds, in this climate?!), but don't let that stop you coming to lectures as well if you want!

## Ents

This is the first of a series from the new improved Ents. In our rôles of providing films, discos and bands we're off to a cracking start with *One Flew Over The Cuckoo's Nest* (concluding Rag Week). As usual with our Thursday films, it is in Mech Eng 220 at 6:30pm (only 50p!). Also book a date in your diary for the Ents "Almost Christmas Party" with "Bumble and the Beez", disco and bar on December 4 in the JCR. The week after certain members of the Ents Committee present "Overkill" in the Lower Refectory (December 11), so get out your denim and leather. Tickets for these and all other events available from the Ents Room or from your Hall Representatives (see Hall noticeboards). Finally, you're all welcome to attend our Tuesday meeting at 1:00pm (Ents Room).

## Labour

The club is meeting this Tuesday, November 24, at 1:00pm in the Union Upper Lounge (next to ICU Office). The main item on the agenda is deciding the motion to be submitted to the National Organisation of Labour Students conference. All members are urged to attend this important meeting. New members are, as always, welcome.

## Christian Science

Christian Science is a practical religion based on a spiritual understanding of the Bible, which is demonstrated through healing and in day-to-day living.

The Christian Science Group meets every Thursday during term in the Seminar Room, Level 2S, Botany at 1:00pm. Anyone who is interested is most welcome to come to our meeting.

## Vegsoc

Anyone interested in joining Vegsoc in order to eat vegetarian food in a group, please contact Clare Smith, or look for notices about our next meeting on November 26. Or if you want to come for a bite to eat in the RCA we gather at Beit Arch at 12:30 on Thursdays!

## Doug Scott at IC

Doug Scott, the world famous mountaineer, will be giving a talk, here at Imperial College, on Saturday, November 28. The talk will be given in the Great Hall, starting at 7:30pm, and will be about Doug Scott's latest expeditions, namely one with Reinhold Messner to Makalu, and an expedition earlier in the year to Shivering, the 'Matterhorn' of the Himalayas. The talk will be with slides, and certainly should not be missed as anyone will tell you if they have been to one of his earlier talks.

The talk is being organised by the Scout and Guide Club, with proceeds going to Rag. Tickets can be obtained from members of S&G Club and also from the Mountaineering Club.



## Industrial

I begin this week by gnashing my teeth about the disappearance of posters from along the walkway; this happened between 9:30 and 12:30 of a morning which is exceeding naff. We have heard that other societies lose theirs more regularly—perhaps there is a Blu-Tack fetishists around!

Monday's talk was another monster event—many thanks to the chosen(?) few who came along and a big WHY NOT? to those who didn't.

Our next opus is the visit to Fords at Dagenham—pciket lines permitting. All trippers meet at Beit Arch at 12:45pm.

Finally, many thanks to our new deputy officers who make the committee's job easier!

## Wing Tsun

A division of Simon Lau's Martial Arts Academy of Wing Tsun Kung Fu was formed recently at Imperial College. Wing Tsun is an art which does not emphasise a clash of force with force, but on the clever use of one's force so as to overcome the force of one's opponent, with fast and deadly moves.

We are having our first social event on Saturday, December 12 at 6:30pm at IC. We have lined up a programme with variety, consisting of a demonstration of the art by Master Lau and students. (Master Lau is the representative who sits on the technical committee of British Kung Fu Council.) The programme also includes a raffle, party games, music, food and drinks.

In the meantime if you want to find out more about the art or party, please feel free to contact the following persons: Benny Notarlanni Phys 3, Wing Lai Phys 3, Sandeep Civ Eng 3, or come along to our session at the Union Gym on Wednesday or Saturday between 3:00 and 6:00 and 11:00 and 2:00 respectively.

## Snooker

In one of the most rivetting, exciting matches the snooker lounge has seen for years, the C team beat the A team. Things started well for Tripp's boys (A team) when Calvert beat Hurford, but when Lawrence potted everything in sight to beat a stunned Thomason to make it 1-1, it became obvious that things weren't going the way Tripp planned. The next match was a real nail-biter, culminating in Andy "It was a bit embarrassing, really" Krussewki slamming in the pink and black against President White who registered his disgust by trying to make a whole in the floor with his cue. It was now 2-1 to the C team, so it was left to N. Gaskill Esq. to save his side from a fate worse than death. He was up against C team Capt Jennings, who had just got back from the loo in time. In a match of nervous tension filled snooker, Gaskill edged ahead and when he potted the pink the immortal words were uttered "I have won, haven't I?" But no! He was wrong! A miscalculation from a maths student! And in a few shots time he was heard to describe the events as "the worst day in my life" as Jennings potted the black to ensure victory for his team. An irate trip then proceeded to crucify Paul "I think that went as expected" Holt, to make the final score 3-2.

Amid all this mayhem, the B team stormed to the top of the league by taking out LSE A team 3-2. The foundations were laid by Ward and an excellent show of controlled aggression by Simpkin, leaving the captain to finish it off (just) in the final frame.

## SPORT

### RESULTS

Wednesday, November 11

#### Football

IC I	vs Chelsea College I	5-1(H)
IC IV	vs Goldsmiths III	7-3(A)
IC V	vs Royal Holloway III	2-2(A)

#### Rugby

IC II	vs. Roehampton	15-6(A)
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## Rugby

### Seconds

On Wednesday the second XV went via London Transport into deepest Roehampton for a match against Roehampton Institute. The team was, as always, beset by many problems, but most of these were sorted out in the somewhat unusual changing rooms, as a certain second row moaned his way to prop!

The game itself was dictated mainly by forward play, as the width of the pitch left a great deal to be desired for the backs, and hence some heavy rucking and mauling took place, leading to the occasional case of over enthusiasm. The new found kicking ability of M Winsor, aided by the less than expansive pitch, put us 6-3 up at half-time, i.e. two penalties to one.

The game continued in much the same vein in the second half with much good forward play. The other points of the match came from another penalty, and a fortunate breakaway try from N. Brummell, which was also converted, leaving the final score at 15-6 to Imperial.

Once again it was good to see the team spirit and enthusiasm overcoming the considerable reorganisation problems, especially in the pack on this forwards' day.

Team: A. Marks, R. Frith, M. Winsor, N. Brummell, R. Flynn, M. Simmons, J. Paixão, S. Bell, C. Cole, T. Carr, C. Henderson, A. Ralph, J. Austin, W. Aston, J. Weir.

## Bowling

A full team turned up for the first match of the season at Heathrow Bowl against Brunel University. Bowling started at 12:00 noon and continued throughout the afternoon until 3:00-3:30pm. Our A team had the closest of all the matches narrowly losing the first game by 16 pins, losing the second game but winning the third, thanks mainly to the personal effort by Andy McMullen who scored 200+ and good team backing from the rest of the A players.

B, C and the ladies teams were convincingly beaten although the B team clinched one final game in their match. The overall score was 2-14.



## Football

### Firsts

Dear Mummy STOP Found Daddy? STOP

We lost toss STOP Kicked off STOP Scored STOP Oranges STOP Phil swore STOP Malcolm swore STOP Martin missed STOP Aled saved STOP They scored STOP We scored STOP We scored STOP 5-1 STOP Retired to bar STOP

Love Frank Bogeyrolla

PS: STOP Rash returned STOP

### Fourths

A long tiring journey across the border into unchartered territory (Kent) was rewarded with a comfortable win against Goldsmiths III.

The Fourths started well when Dave Gladman hit a right foot shot against the underside of the bar for a spectacular goal. Goldsmiths equalised but the Fourths regained the lead when John Rigby's shot squirmed under the goalkeeper and over the line. Rigby notched an accurately placed second soon after.

A counter-attack led to a fine solo goal by Dave Hardy and the first half scoring was completed by Rich Dolan when his long range drive went through a crowd of players.

Goldsmiths restarted frantically and scored following a corner, but the defence stood up well to further pressure, with Dave Kindred outstanding.

Andy McMahon's goal after a free kick stopped any slight chance of Goldsmiths recovery and the job was finished with a well-taken goal by Rich Heath.

Team: Slater, Maddy, Kindred, David, Heath, McMahon, Hardy, Dolan, Gladman, Rigby, McNicholas.

## X Country

On Wednesday, November 11, the second race in the University of London League took place at Uxbridge. The course was over 2.3 miles of quite firm ground (except for the occasional deep ditch and muddy puddle), the men doing two laps and the women one. With the ladies team out in full force (all three of us!), Sarah Pearson and Carolyn Walton battled it out at the finish to come seventeenth and eighteenth (Carolyn should have pipped Sarah to the post, but confusion as to where the finish actually was reversed the result).

A few moments later Nicola Baker came in, a good thirtieth. Tasso Asteriades came eighth in the mens race and other creditable performances came from Jonathan Frost, Steve Taylor, Russel, Mike Jones. Thanks to everyone who turned up making a great team spirit, and to Steve Rimmer, who gave up his spare time to make a guest appearance. We all missed the presence of our captain, Pete, however, who was having treatment on his injured knee at the time. Let's hope he'll be racing again soon.



## RESULTS

Saturday, November 14

### Football

IC I	vs RHC I	2-2(A)
IC III	vs QMC II	2-3(H)
IC IV	vs Royal Holloway I	4-1(A)
IC V	vs QMC III	8-3(H)

### Rugby

IC I	vs Ford Sports	20-4(H)
IC II	vs City Univ II	66-0(A)

### Hockey

IC I	vs Staines	0-3(A)
IC II	vs Old Merchant Taylors	3-1(H)

### Squash

IC I	vs LSE I	4-1
IC 2	vs St Mary's Hospital	0-5
IC 3	vs St Georges Hospital	5-0
IC 4	vs SIBS 3	0-5



## Sailing

The IC team were again up at the Harp to sail UL's second team, which contained two defectors from Imperial. After obvious ploys by a "heavyweight" UL2 team to delay the start of racing due to the light wind, they were persuaded to take to the water, they then proceeded to beat the IC team in two races by 15.5 points to IC's 26. UL2 did however contain one ex-British Universities team member, so the result should not perhaps be taken as such a bad reflection on IC's performance as might at first appear.

Team: *Ajderian, Kennedy, Redman, Tostevin, Younghusband.*



## Rugby

### Firsts

Having been let down by the Police on Wednesday we were about to get extremely unamused when at last Ford Sports turned up.

The match was really a non-event from the point of view of good rugby, as Ford Sports main objective seemed to be removing peoples heads. However, some good running from the backs gave Steve Thompson two well-worked tries, and in general IC controlled the game through their superior fitness.

Unfortunately it was a difficult game to treat in all seriousness and no doubt our fixtures secretary will omit this team from the fixtures list next year.

Preparation for the Gutteridge Cup quarter-final is well under way with practices on Sunday, Monday and Tuesday. We all hope to put a good performance in on Wednesday and get the result that I think the team deserves through their hard work—good luck lads.

**The Sports Editor** (who denies being a power crazed meglomaniac) wishes to thank the Football Firsts for brightening up her existence and hopes that their football is as interesting as their reports. Carry on folks!



## Football

### Firsts

Dear Mummy, do not think going to all these football matches is detrimental to my studies, here are this week's lecture notes.

Coach Journey + IC Firsts = Royal Holloway.  
P. Nicolls + Links = Very Pissed.

Changing Rooms + Lock - Key = Long Wait.

Mummy + Unknown Daddy = Referee.

Hence: IC = Royal Holloway + Referee.

IC Front 3 + Shooting = Goal Kick.

Referee + Royal Holloway + Offside = Goal (Boo!).

D. Dean + Two Feet = Confusion.

D. Dean + 180 degrees from vertical = Shooting position.

Ged + Pendulum Motion - Defence - Front 3 + GOAL!

Referee + Whistle + Sundial - sun = Half-Time.

S. Veats + Save - ball = Goal (Boo!).

M. Curran + Winger = Fisticuffs.

Hence: S. Ward - Brain + forearm smash Booking (about time!).

Hence: S. Ward + Booking = Injured Opposition.

Game + Eleven Mentoids = IC Pressure.

Ball + S. Ward's Head + Malcom's pom poms! = GOAL!

D. Dean + Momentum + White Stick = Dead keeper.

Referee + Panic + Will to live = Full Time.

Royal Holloway + Beans on Toast = Smelly coach.

D. Dean + Beans on Toast = "Where's the fish and chip shop".

P. Nicolls + Lack of Self Control = Tea Service.

IC + Orienteering Course = "Where's the coach?"

M. Carr + D. Dean + Bar + Beer = Late Return.

But: Coach Driver + Thoughts of Land Speed Record = Return at Opening Time.

STOP

Footnote: V + D = Doctor (The rash returns!)

Weather conditions + pollen count + broken stick = ladies hockey report.

Bye Frank Bogey-Rolla.

### Fourths

Two weeks after defeating Royal Holloway II 5-4 in the Cup, IC Fourths returned to beat the same team by a more convincing margin.

Holloway were made to regret several missed chances when, after a cross by Gladman, their keeper could only parry a shot from McNicholas and John Rigby forced in the rebound.

McNicholas then gave an action replay of his goal a fortnight earlier when his twenty yard drive dipped just under the crossbar.

Rich Dolan was unlucky when his penalty

kick hit a post, but Rigby was luckier when a defensive mistake allowed him to hammer the ball home for his eighth goal of the season. Minutes later, he scored the ninth with a looping header which the Holloway keeper could only stand and admire.

Team: *Slater, Higham, Maddy, Kindred, Heath, Savage, Peplinski, Dolan, Gladman, Rigby, McNicholas.*



## Hockey

### Firsts

Having waited half an hour for our captain we then followed him in a convoy of three cars to darkest Staines. After crossing the wrong bridge, completing three U-turns, and getting separated we finally all arrived at the ground. It obviously wasn't going to be a very good day!

Right from the start, Staines put the College defence under pressure. Good work by keeper Statter kept them out until we allowed the home side some shooting practice who eventually scored.

Two minutes later Staines increased their lead (no comment).

IC at last woke-up (what were you doing Friday night, Bell?) and dominated the rest of the first half (about five minutes) creating some good chances but failing to convert them.

A stiff team talk at half-time did nothing to improve the situation.

In the second half Franklin was "green-carded" (jug!) and one of the Staines players sent-off, but still the IC side made little/no impression on the home defence.

Staines scored a third in the closing stages of the game and IC had to settle for second place again.

Thanks to Karen and Marian for enduring the cold.

Team: *Statter, Coatesworth, Parker, Franklin, Riley, Clarke, Rao, Ayers, Bell, Bansal, Bateson.*

### Seconds

When the running start to the Le Mans 24hr race was discontinued several years ago, the race lost one of its distinctive qualities, rather as if the gas holders outside the Oval cricket ground were to be dismantled. This season hockey has lost is bully-off, along with several other adjustments to the rules. Hockey entered new realms in by trying to achieve parity at its restarts, ice hockey and basketball followed with the face-off and the tip-off.

Imperial achieved a fine running start on Saturday, going into a three goal lead by half-time. With a captain like Stroomer, who in full flight resembles a full cavalry charge by himself, such a beginning seemed appropriate. The game was at that stage over as a contest. In the second period Imperial were able to throttle back, and although Old Merchant Taylors scored the proverbial consolation goal we were able to cruise into the Mulsanne Straight unhindered.

Farmer, Wylie and Mitchell (though not necessarily in that order) scored for Imperial.

Team: *Butler, Cunningham, Pitkethly, Hughes, Rampton, Roessink, Stroomer, Garms, Gray, Farmer, Wylie, Mitchell.*





Due to an unfortunate blockage (of the typesetter-not constipation) you will, no doubt, have received this issue later than normal. At the time of writing I'm not sure whether it'll be late Friday or Monday morning—I apologise for any delay, but it is due to circumstances beyond my control. I can assure you that my disappointment will be greater than yours.

#### Royal College of Science Centenary

Oh well, I cannot remain silent. It would be a wild exaggeration to assert that the events so far have been a great success. Some of the blame must be aimed at the RCS Union, who (despite having a fortnight's worth of events handed to them on a plate) have not generated the necessary enthusiasm for the celebration. But apart from this it is you, the students of Imperial College, who are losing out. The events have been publicised in FELIX and with posters—do you really need the importance of the event rammed down your throats?

You are fortunate to be at this College whilst RCS is in its centenary year. We have a chance to commemorate a hundred years of achievement and look forward to the future. As an institution of higher education the RCS has a long tradition of excellence, and it is this which should be maintained and applauded—for it is this which has led to the current standards in the College and to the great opportunities offered to the students. We owe a debt of gratitude to those whose hard work has made all this possible.

To my mind it is a great pity that most of the present student population cannot appreciate the true significances of these celebrations. I shall enjoy each event regardless and invite you to join me.

**CARNIVAL** tonight, not to be missed! Bands, discos, films, food, bar, cocktails, all till the wee hours. Tickets £3.50 in adv, £4.00 on door.

**HELP!** Driver (over 21) needed Saturday, November 28, for birdwatchers trip to N. Kent. Contact R. Grover, Physics 2.

#### Executive Names

The appeal for nicknames for the Executive has received an overwhelming response. The results are (in reverse order, of course):

Nick Morton: Who?, It'll be done by Xmas, Action Man.

Barney McCabe: Grumpy, Lazy, The Goat. Marco Ledwold: Yes Barney, Yes Nick, Yes Jen.

Dave Thompson: The Slob (all 52 entries). Andy Rushton: Mr Nice Guy, The Walking Lampost.

Ross Baxter: No entries (but he's working on it).

Several suggestions were made as to what I should be called—but I didn't approve of that sort of language in print, so stop it!

#### Guilds Hit Squad

It has become quite apparent that the Guilds Hit Squad is getting a bit out of hand. Raising money by having a lot of fun is OK, but there are limits. It's no use raising money if, in the process, you start to become a real pain in the arse. There's a time and place for everything. Most people, including lecturers, can take a joke, but disturbing busy people at the wrong time and creating a lot of mess can only cause a lot of bad feeling amongst the teaching and technical staff.

So stop acting like a bunch of moronic thugs and use a little bit of common sense. Keep things to a reasonable level and you'll give everyone a lot of laughs too.

#### Credits

News: Shams Jabbar (Editor), Jane, Adrian and Alistair.

Sport: Lesley Horrocks (Editor) and Mary (not Editor).

Reviews: Peter and David.

Photos: Jane and Martin.

Puzzles: S. Mouche.

Collation: all the nameless superheroes.

Mr Smith's hair was arranged and performed by Blaster Bates.

Key grip ..... Peter.

Technical Advisors Eddie, Paul, Peter and Lesley.

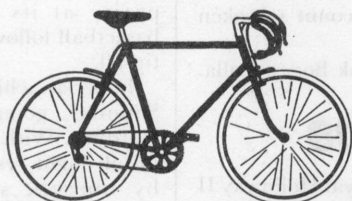
(Shoes by Ravel.)

End of credits ..... Maz and Ian.

Tickets are still available from Pat in the Union Office for **CHRISTMAS HALL DINNER** on December 16 price £6.60.

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At the start of term, I invited anyone who felt so inclined to set a puzzle for this column. An American correspondent who (in a subtle parody of my own nom-de-guerre) signs himself 'Charlequin' wrote as follows:

Dear Scaramouche

I don't know if you have such things in your country, but here one is often confronted with multiple choice exams. Each question of these tests has seven possible answers, labelled A-G and one is supposed to check off the right one. Students have since the inception of these exams devoted much effort to finding the "pattern" to the correct answers and recently a friend of mine succeeded.

The test which my friend successfully analysed was in two parts—the first consisting of 41 questions on English history, and the second of 101 questions on American history. She has a good knowledge of English history and could determine, or reduce to two possibilities all but three of these questions as follows:

- |            |             |            |
|------------|-------------|------------|
| 1. C       | 15. B       | 29. E      |
| 2. C       | 16. C       | 30. A or F |
| 3. D       | 17. G       | 31. A or E |
| 4. B       | 18. B or G  | 32. B or D |
| 5. A or C  | 19. G       | 33. C      |
| 6. D       | 20. unknown | 34. E      |
| 7. E or G  | 21. B or F  | 35. F      |
| 8. E       | 22. E       | 36. G      |
| 9. F or G  | 23. unknown | 37. A      |
| 10. A or E | 24. C or F  | 38. F      |
| 11. D      | 25. D or F  | 39. A or E |
| 12. A or C | 26. unknown | 40. D      |
| 13. D      | 27. E       | 41. A or C |
| 14. C      | 28. D       |            |

She was able to determine the first three answers of the second part to be G, E, and C. Then she recognized the pattern, and quickly filled in the remaining answers.

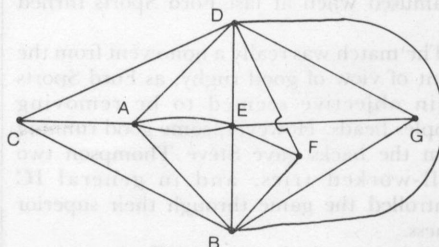
What is the pattern?

Solutions, comments, criticisms to me at the FELIX Office, please. £5 (donated by Mend-a-Bike) and two tickets to IC Orchestra's concert next Wednesday for the correct solution drawn on Wednesday at 1:00pm.

#### Last Week's Solution

Fumble and Grumble.

Stripped of its verbal trappings, the problem entails adding one line to the diagram so that all seventeen lines will form one continuous chain starting at C and ending at a point adjacent to C.



A, C, F, & G all have an odd number of lines leading from them, so the chain starts at C, ends at A, and F & G must be linked.

John Bottom, Civ Eng 1, can collect his cheque on Monday afternoon.

Many thanks to IC Orchestra for the extra prize this week. The tickets will be in the winner's pigeonhole by 1:30pm on Wednesday.