

INSIDE FELIX THIS WEEK

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On Monday, Sir Monty Finniston spoke to College. It was a speech of authority, charm and wit, but through it showed his fears that the report would collect dust on some minister's shelf.

In the evening, the Union staged an open discussion of 'Educating Engineers Following Finniston'. Taking part were Sir James Menter, FRS, Lord Flowers, Mr L Heard and Prof Brown.

IC AND FINNISTON ARE YOU FIT TO LEAD A DUSTMEN'S STRIKE?

The City and Guilds College Dean is chairing the College committee which will be responding to the Finniston Report. On Monday night he revealed his personal views. Professor Brown said:

"I have sat down for ten hours with ten highly intelligent colleagues to try to consider how we reacted to the Finniston Report and we have agreed on six words which are "We welcome the Finniston Report, but . . .". There, roughly speaking, we stick, because the things that we all fuss about are quite different.

What is the impact of all this on IC? Finniston proposes that there should be three streams of engineers. At IC we are not set up to educate the technicians, those on the proposed R Eng (Assoc) courses. So one of Finniston's stream is not our direct education business. The other two streams are the graduate streams, the three year B Eng lot and the four year M Eng. Finniston proposes that twenty-five percent ought to be the M Eng lot who are going to be the elite and the leaders of industry. One has to pause and think about this twenty-five percent. About fifty percent of the engineering undergraduates are in polys and it seems likely . . . that if this system is set up M Eng courses will occur in a limited number of institutions and pray to God they are universities, they may not be.

Making the simplifying assumption that they are, fifty percent of the universities



Sir Monty Finniston

graduates now become M Eng fodder. In all modesty . . . our students are among the best in the country, we are able in all our departments to set a very high level of A level entry requirements and on the face of it, you would think, the whole of our intake ought to be in the top fifty percent of the university undergraduates in the country and so we ought to be able to say IC is an M Eng place.

When we came to talk about this, departments reacted in different ways to it. Civ Eng has little hesitation to this . . . but other people were modest and said it's all very well, but this twenty-five percent of the total . . . are supposed to be destined to be the leaders of industry and X Y Z in our second years are not fit to lead a dustman's strike. So we are not happy that all our intake . . . are really suited to be the leaders of industry.

People then guessed as to the proportion of their students who were qualified."

He then explained the consequences of removing students after the first year and replacing them with new students who had inferior A level qualifications. He stated "Maybe academic superiority is not the right kind of requirement for leadership in industry." If so, an M Eng set up at IC starts to look a little sick. Perhaps what we are looking for is personal qualities, and if so quite a lot of our intake hasn't got it! As essentially we choose them on an academic basis even though all departments now interview (we look for some spark of being alive) Finniston says it can't be done at that stage."

He went on to speak against the system by which both streams worked side by side. The committee had agreed that entry requirements would not be lowered at IC—continuing at 3B's. He though there were no guidelines to the splitting of the first year into two streams and felt it was a socially bad thing to create second class citizens." There are economic and terrible personal problems of this system" he said.

IMPORTANT NOTICE

If you will be away from College on Monday and Tuesday you may vote in the sabbatical elections TODAY, by going up to the Union Office.



The IC organised Hyde Park Relay was held last Saturday. Pictures here are by Mickie Marsh and Steve Groves (A full report appears on Page 14)

LETTERS

Dear Colin

You may be interested to hear about an incident which occurred at about 1:20pm on Monday 25th February when Martin Symonds a first year student in the department of computing saw two youths loitering at the rear of the Huxley Building where a large number of pedal cycles are kept. Having had his own cycle stolen from there only a few days previously he was naturally suspicious and reported the matter to us.

Together with Martin I spoke to the youths and brought them back to my office for questioning. Being dissatisfied with their answers I sent for the police and whilst awaiting their arrival one of the youths attempted to escape through my office window but was prevented from doing so by Martin who hung on to the youth's legs as he hung head first through the window about ten feet above ground level.

It subsequently transpires that the youths intended to steal a motor cycle and were in possession of implements for this purpose.

I am passing this information to you for publication because this is a classic example of the prompt passing of information can prevent a crime being committed. We hope Martin's example will be followed by others and we urge students and staff to contact us as quickly as possible whenever they see anything suspicious.

There is a sequel to this incident. Two days afterwards Martin was walking down Gloucester Road, when he saw a pedal cycle chained to the railings which he recognised as being one which was stolen some days earlier from one of his colleagues. A telephone message to Kensington Police and the stolen machine was restored to its rightful owner.

Crime prevention is everybody's business.

Yours sincerely
A D Dawson
Chief Security Officer

Dear Sir

I see that two hundred sheets of A4 paper is now 99p in the IC Bookshop. Since it only costs 69p in Unimart, this means that either Unimart are making a loss or the IC Bookshop is profiteering. Any comments?

Yours faithfully
Michael Hartz
Elec Eng 3

Dear Colin/Roger

Can you kindly correct the error in my last article (issue 546): the word is AL-LAH not ALI-TAH and I inserted the dash as a pause exists there.

Yours
Y El-saie
Islamic Soc

Dear Roger

Monday's Finniston events represented an unusual opportunity for everyone here at Imperial College to discuss the future of engineering with those who endeavour to change it. Sir Monty himself defended the relevance and importance of his committee's report to students here. It is this point that merits laboring: the Finniston Report is relevant to everyone who hopes to work in British industry and no one can afford to ignore it now. The future of every IC student hangs in balance — the accelerating economic decline of the last fifteen years rests precariously by the point of no return. Sir Monty is campaigning to swing the balance back in Britain's and, thus your, favour. His grim forecasts and complex solution is of vital importance to every reader of this letter — YOU are the future leaders of British Industry — his dire prophecy is YOUR dire prophecy. It is thus your responsibility to turn your attention to what Sir Monty is telling you. The Finniston Report proposes to change engineering, industry, and engineering education in Britain today — all these affect you and the significance of these changes leave you no alternative but to explore them. Heed the advice of the Rector at Monday night's panel discussion and take the time to read the report. Find out about its indirect and direct effects on you (your department may have already begun exploring a course of change) and formulate a knowledgeable opinion.

Britain today is at a crossroads and Finniston is pointing the way ahead. Don't let Sir Monty be a modern day Cassandra — listen, think, and ACT — before it's too late.

Sincerely
Rick Woldenberg
Chem Eng 2

Dear Sir

I have noticed my name appearing along the walkway in connection with the sabbatical elections. I am not, to my knowledge, standing for election. Yours faithfully
Ravel

Dear FELIX Editor

We would like it to be known that Henry Curwen (ME3) is the Pedal Car Manager for City and Guilds College Union. Not only is he the manager, he is also the mechanic and has done all the maintenance work on our pedal cars. Without his enthusiasm and help, we would not now have so many people interested in pedalling and in the Bristol Twenty-four Hour Pedal Car Race. We had a great achievement at Bristol this year and this would not have been possible without Henry being available at all times to complete repairs. Therefore we would like to express our gratitude to Henry for all his work and encouragement. Thanks.
Signed by the whole of the C&GU pedal car team.

Dear Colin

In amongst all the argument concerning the apartheid issue, many people are missing the lesson of the EGM, ie, why wasn't it possible to obtain a quorum, despite such important motions (issues which the signatories of the petition, myself included, obviously thought important enough to require the EGM in the first place). Are there just not three hundred or so people in the college who think that Apartheid, NUS, etc, are important, I think not. Are the meetings badly publicised, or are they at a bad time? I think that the answer to the first question must be an emphatic "no!", you'd have to go around IC blind, and deaf not to hear about it. However, I think that it is unfortunate that the meetings clash with Associated Studies activities (which are deemed important enough to attempt to make sure that tutorials could be arranged for other times). Wouldn't Monday lunchtime be better? Also, perhaps Exec News could be released on Friday, so that would-be participants would be aware of what they were going to discuss in more detail (or even have it included in FELIX). I sincerely hope that another opportunity will arise to discuss the Boat Club tour to South Africa. I feel that every opportunity should be taken to put pressure on that government, even if to some people the Boat Club might seem pretty small fry. Perhaps these people might feel differently if they had to work in cities miles away from their families, seeing them perhaps once a month, and couldn't use many of the 'Whites Only' amenities in the cities built

by their own sweated labour. There have been recent reforms, but these have been mere window dressing, and pressure must be continued to bring about real reform and end apartheid.

Yours sincerely
Lee Paddon
Physics 1

Dear Sir

Two items in last week's FELIX (no 546) have aroused my wrath. Firstly, isn't it about time someone somewhere in the Union actually decided on a policy regarding sport and then stuck to it. At the moment, at the slightest hint of a boycott of the Olympics there is a cry of "keep sport out of politics", whilst mention South Africa and there is horror at the thought of links. Come on, play fair. If you boycott South Africa for its oppression of the blacks, then you must also boycott Russia for its oppression of just about everyone it can lay its hands on. Or is it a case that the people making the noise know which side their bread is buttered on?

Secondly, how the hell can FELIX criticise London Student for missing out one word, a mistake that, I am told, was made at the printers when we get . . . "advising the rowing eight to go under a different dame." and "Last week he came face to face with a moral dilemma; he talked to Roger Stotesbury . . ." both on the front page and, referring to the Soccer Sixes ". . . eighteen teams entered for the tournament (a total of one hundred and eighty players)." on the back page.

Yours faithfully
R J Glass
ME2

PS: I notice that Paul Segal of London Student wished to commit suicide at IC. Since suicide is the termination of life surely everyone at Stalag Imperial is somewhat suicidal? There certainly isn't much 'life' here.

ACTING ED'S COMMENT:
Motions to a Union General Meeting are prepared and submitted by individuals. Is it therefore not surprising that motions, tabled, such as you describe above, conflict in opinion and attitude? On this issue, however, Union policy is quite clear and was printed in FELIX last week.

Having invited letters on the subject of 'Sport And South Africa' I was surprised by the total lack of response.

NEWS IN BRIEF

KIDS TOUR LONDON

On Friday 29th February, Imperial College played host to a group of thirty school children and teachers from Laird Street Primary School which is in a dockland area of Birkenhead on Merseyside. The plight of these children, being brought up in a back of high unemployment and conditions resembling those of the depression were featured in an article in the *Sunday Times* on 1st March.

Their day trip to London, organised by IC Community Action Group was an enjoyable affair for all involved. Seven volunteers, some would say with masochistic tendencies, went to meet the kids at Euston Station. Everyone was then loaded on to a coach which was hired for the day to tour the sights. The coach driver, Sam, was an immediate hit with the children greeting them with "Kids, I don't mind, it's the students I'm worried about". Those volunteers from the South soon mastered the Merseyside accent and the coach set off on a magical mystery tour of London, with Sam the driver pouring forth his knowledge of London over the loud speakers, to a response of loud praises of Liverpool Football Club. A call was made to the Old Curiosity Shop, something it was never designed for. The proprietor thrust wads of postcards in the children's hands in an effort to get rid of them.

The kids were then taken on a boat trip on the Thames and though they enjoyed this, they were bitterly disappointed not to spot any sharks.



Photo by Mickie Marsh.

The first match was played last Wednesday in the Sparkes Cup between Guilds and RCS. Guilds won 17-7.

The sights soon exhausted, even Sam's birthplace, the Tower of London (true!), the kids were then taken round the Science Museum. Each volunteer was assigned four children, which in most cases proved too many. One volunteer

returned with only two, the remaining two being found, after about fifteen minutes panic, hiding in an old London train.

To end the day a tea party was provided in the ICWA Lounge and after a dash back to Euston they were waved goodbye, by a small

group of formerly innocent young IC students who were by then just shells of their former selves.

As for the kids, they thoroughly enjoyed themselves and they cordially invite us up to Birkenhead. Any takers? No? I thought not.

THE GREAT IMPERIAL RAG RACE.

At 2.00pm last Friday, the Bot/Zoo tea room witnessed the start of the Great I.C. Rag race. Encouraged by promises of fame fortune and cases of Swan, about twenty people set off by various methods, all hoping to sell the most, go furthest or travel by the weirdest method possible.

Having found a likely looking partner in the form of Steve Hutchings, the first task was to get to Staples Corner to try to hitch a lift North. Weighed down by Rucksacks, Rag-Mags and bottles of Scotch, we arrived at the M1 at 3.30, after losing our way between it and Brent Cross Underground Station (Good start!). Two lifts and a Watford Gap coffee later we arrived in Sheffield. Somehow Steve has 30lbs more in his rucksack than I have, although we can't find it. Once at the University, the Rag-Mags sold fairly well, helped along by a friendly Rag committee.

Saturday 1.00am found us wandering around Sheffield looking for the station (lost again). The overnight train took us to Dundee. Dawn over the Firth of Forth saw us struggle awake to face a breakfast of B.R. coffee, crisps and a liberal measure of Scotch. 9.00am saw us arrive in Dundee to find almost everybody sleeping off a monster party. Undeterred we pressed on, finally to be invited for a

cup of tea by an attractive young lady. Encouraged by this, every sleeping person in her hall was offered a chance to buy an I.C. Rag-Mag. Having roused the whole Hall, we departed for Newcastle.



Steve Hutchings

Breakfast

5:50pm and we were lost again. After passing a purple Town Hall we finally arrived at Newcastle University. Their own Rag Mag was banned from being sold in the

Union but that didn't stop us from selling our one. A friendly reception and a great evening, disturbed only by a minor panic where we thought our rucksacks had been locked away overnight in a cloakroom. 10:45pm, and we departed from Newcastle bound for Leicester.

Sunday 1:10am, three miles gone, hundreds to go. Hitching at one o'clock on a Sunday morning is definitely not recommended. Hitching was abandoned and we walked back to the city centre in search of a coach. 3:00am, we were freezing and the coach still didn't depart for another four hours. The bus station was shut up so there was nothing else to do but sleep on the pavement, becoming hypothermic in the process, the waiting room opened at 5:00am giving us a chance to start thawing out. No coaches to Leicester so we decided to get a coach home.

10:25am Woohall services somewhere near Sheffield again. Our first hot meal since Thursday. More fitful sleep on the coach and last we were back in London. Sunday night in the bar sees the return of other intrepid travellers each with their own tales of universities conquered and Rag Mags sold.

Most Sold: Matthew Smith (LS1) £60.42 collected.

Most Sold per hour: Frank Rowsell (BE1) £1.22 per hour.

Furthest Distance: Steve Hutchings (Chem 1) to Dundee.

Most Unusual Method of Travel: Phil Greenstreet (Physics 1) who flew from Gatwick to Exeter.

Commiserations to all other participants, who took part, but didn't quite make it, especially the nameless Guildsman who got to Perth.

Matthew Smith



Matthew Smith

Counting the loot; a total of £540 was raised for Rag.

NEWS IN BRIEF

NEW FELLOWS AND ASSOCIATES

Elected to the fellowship of Imperial College are Sir Andrew Huxley, Kt, ScD, FRS, Royal Society Research Professor in the department of Physiology, University College, London; Sir Derek Harold Richard Barton, DSc, Hon ScD, Hon DSc, ARCS, DIC, FRS, Director, Institut de Chimie des Substances Naturelles, Gif-sur-Yvette, France, Novel Laureate for Chemistry and former Hofmann Professor of Organic Chemistry, Imperial College; Emeritus Professor A G Gaydon, DSc, FRS, former Professor of Molecular Spectroscopy at Imperial College; Professor R Lüst, Dr Rer Nat, President of the Max Planck Society for the Advancement of Science; Mr J P Sowden, BSc (Eng), FCGI, FIStructE, FBIM, Chairman of Richard Costain Group Ltd, and Governor of Imperial College since 1971.

Mr F W G Annas, former College Accountant and Deputy Financial Secretary and member of the College staff since 1938 was elected to Honorary Associateship.

IC LADIES RUGBY

IC ladies rugby team played a team from Holland at Harlington on Sunday and lost by fifty-two points to nil. During the game, the gorgeous IC centre, Caroline Brown, broke her ankle.

HAMSOC

Imperial College's Amateur Radio Society, Hamsoc, completed two link-up contests over the weekend. Both were forty-eight hour contests, one on HF and one of VHF the latter being tackled single-handedly by David Hardy. They logged three thousand contacts, over twice as many as last year and during the last eight hours were making new contacts about every twenty seconds, including some in Hawaii and Central America.

ICR

WOLFSON FOUNDATION GRANT

A grant of £17,000 over five years has been awarded to Imperial College by the Wolfson Foundation to establish a support unit for research groups at the College working on industrial applications of microprocessors. The unit will be established to make available improved facilities to those groups which require access to a range of support equipment that cannot be provided at departmental level. The unit will provide equipment to function at the microprocessor 'system' level and will form a focus of expertise based on a central pool of support equipment. It is planned that the unit will have a director and two research assistants and will be located in the department of Computing and Control; its equipment will include a number of universal emulators and logic analysers.

Voting in the RCS Elections last week.

photo by Steve Groves



DEAN OF ROYAL SCHOOL OF MINES

An election has been held to fill the office of Dean of the Royal School of Mines. As a result, Professor J L Knill, PhD, ARCS, CENG, MICE, FGS, MIGEOL, will become Dean from 1st September 1980 for a period of three years.

C&G MOTOR RALLY

Graham Muggeridge and D J Thomas won the City & Guilds Motor club rally held over the weekend. The race was a twelve car Navigation Rally and took place overnight near Aylesbury in Buckinghamshire.

ICR

MULTIGYM

Pictured below is the multigym which is now in complete working order and is kept in the Sports centre on the Northside of Prince's Gardens. It is a ten station machine, i.e. ten people doing different exercises for different parts of the body can work at the same time.

It is not just for the sportsperson but is also very good for physiotherapy needs. It is very good for keeping fit for BOTH sexes and can be used by anyone from the weakest to the strongest.

For the moment only you can use it for 15p a session but those

who use it more than a few times will be encouraged to join the Weights Club, (fee £1) and it is then free for their use, (membership available from Mike Weiner CCD 2 or Steve Gunn Chem PG).

It is very straight forward to use but if you aren't sure then contact either of the two above or myself and we'll show you.

Suki (ACC Chairman)

P.S. If you think it would be a good idea to have the sports centre (swimming pool, squash courts, weights room and multigym) open on Sundays then PLEASE sign the petition next to the cash till in the sports centre.

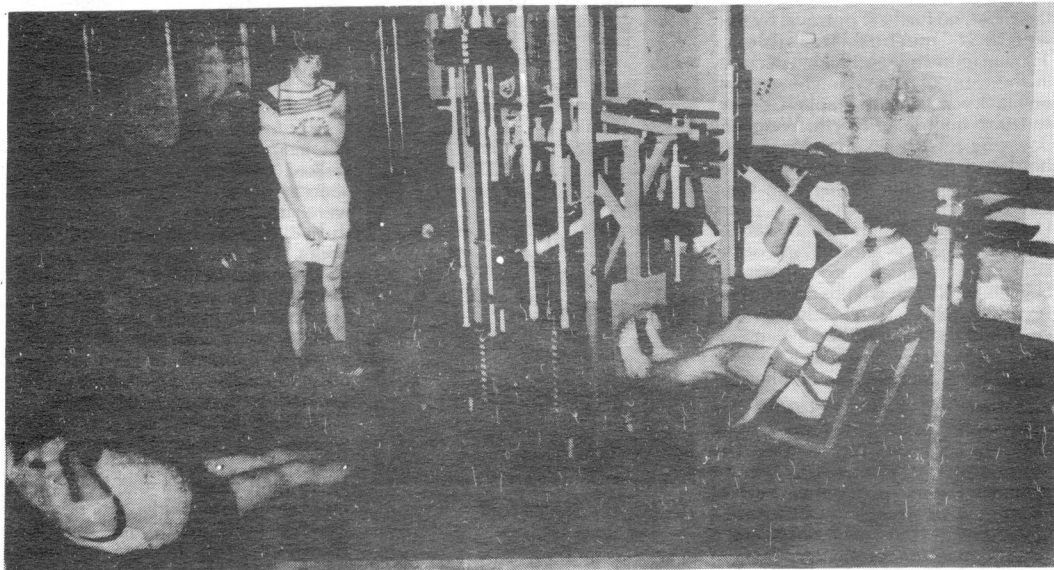


photo by Steve Groves

COVENT GARDEN PROMS

Four performances by The Royal Opera:

Tuesday 8th April at 7.30 pm

The Rake's Progress (Stravinsky)

Wednesday 9th April at 7.30 pm

Lucrezia Borgia (Donizetti)

Friday 11th April at 7.30 pm

La Fanciulla del West (Puccini)

Saturday 12th April at 2.00 pm

Lucrezia Borgia (Donizetti)

Three performances by The Royal Ballet:

Monday 7th April at 7.30 pm

The Four Seasons (Verdi/MacMillan)

Gloria (Poulenc/MacMillan)

The Concert (Chopin/Robbins)

Thursday 10th April at 7.30 pm

La Fille mal gardée (Herold/Ashton)

Saturday 12th April at 7.30 pm

Swan Lake (Tchaikovsky/Petipa/Ivanov)



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Royal Opera House

The Royal Opera House, Covent Garden Limited receives financial assistance from The Arts Council of Great Britain

700 Stalls Promenade places available on the day of performance one hour before curtain up. £1 each, including VAT. Seats: £1 to £21. Further details: 01-240 1911 (24-hour information service)

Bargain offer for promenaders

Stalls seats for Amphi prices!

Proms ticket stub will entitle you to drastic reductions on seats for a number of performances by The Royal Opera and The Royal Ballet.

Full details supplied with tickets.

BICYCLE PARKING

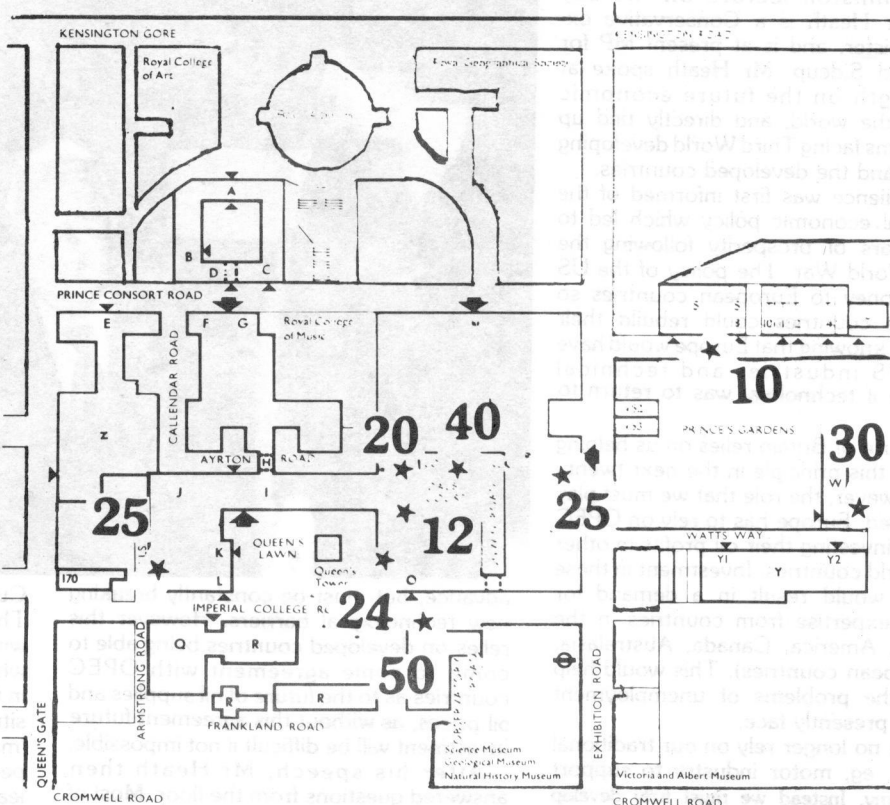
There are facilities on campus for the parking of bicycles. However, it is clear that whilst provision has been increased there is still a need for more. We hear that there are plans to put bicycle racks by the side of the Physics department and in Beit Quad. Here we publish a map showing the positions of cycle parking facilities existing at the moment.

SPONSORED MODEL BUILD

On Sunday 9th March, in the Union Dining Room, the Imperial College Model Aircraft Club will be holding a sponsored model build.

A team of select modelling geniuses will try to construct a Cambria Eagle R/C glider kit, which has been kindly donated to us by the manufacturers, in less than twelve hours. We estimate that it would take an average modeller of normal incapability about one week to complete the task under standard conditions.

Sponsorship is per minute under twelve hours taken to finish the aircraft with a limit in case someone wakes up and manages to finish it in ten minutes. If anybody out there would care to sponsor us (all proceeds go to Rag) then see a member of ICMAC.



WHAT'S ON

FRIDAY 7th MARCH

IC CHRISTIAN UNION SURPRISE MEETING at 6:30pm in the Music Room, 53 Prince's Gate.

ENTS DISCO at 8:00pm in the Union Lower Lounge. Admission 40p.

SATURDAY 8th MARCH

GARDEN HALL CLUB TIME WARP DISCO at 8:00pm in Garden Hall, 11 Prince's Gardens. Admission 40p.

MONDAY 10th MARCH

PIERS CORBYN (ex-ICU President) speaking on the International Marxist Group at 6:30pm in the ICWA Lounge.

FOLK CLUB present BICKY TOCKIT at 8:00pm in the Lower Refectory.

TUESDAY 11th MARCH

PHOTSOC SHOP between 12:30pm and 1:30pm in the Old Darkroom.

RIDING CLUB MEETING between 1:00pm and 2:00pm in Room 1110 (level 11) Elec Eng.

SOCIALIST SOCIETY MEETING with NICKY HARMAN from 'Campaign Coffee' at 1:00pm in Maths 340.

A TALK ON HANG GLIDING THE ONLY REVOLUTION IN AVIATION by BRIAN MILTON (Editor of Wings) in Mech Eng 220 at 6:30pm. Admission 30p (members 20p).

PHOTSOC AGM at 7:00pm in Senior Common Room, Sheffield.

TALK BY MR HEBDITCH on The Personal Computer Network at 7:00pm in Mech Eng 318B. SU cards are required.

MOUNTAINEERING CLUB AGM at 8:30pm in Senior Common Room, Union Building.

WEDNESDAY 12th MARCH

PATA MEETING at 1:00pm in Chemistry Lecture Theatre E.

SNOOKER CLUB ANNUAL GENERAL MEETING at 1:00pm in the Snooker Lounge.

EXPLORATION SOCIETY FILM WHEN A MAN HUNGERS in Biochem Room 302 at 6:00pm.

ROCK 'N' ROLL WITH ERIC AND THE MEKKERS at 8:30pm in Stan's. Free.

THURSDAY 13th MARCH

AMNESTY INTERNATIONAL COLLECTION throughout college. Lasts all day.

STOIC TRANSMISSION with News-Break sabbatical election special live from the Great Hall.

ASSOCIATED STUDIES' LUNCH-HOUR CONCERT with Margaret Bruce (piano) in the Music Room, 53 Prince's Gate.

GLIDING CLUB MEETING at 5:30pm in Aero 254.

ENTS FILM: Holocaust 2000 in Mech Eng 220 at 6:30pm. Entrance 30p.

FRIDAY 14th MARCH

COMMUNIST PARTY BOOKSTALL in the Junior Common Room between 12:30pm and 1:30pm.

IC CHRISTIAN UNION TALK BY ROGER FORSTER on The Coming Of The King at 6:30pm in the Music Room, 53 Prince's Gate.

IC CHOIR CONCERT at 8:00pm in Kensington New Town Hall.

ENTS DISCO at 8:00pm in Union Lower Lounge. Admission 20p.

THURSDAY 20th MARCH

HANG GLIDING CLUB MEETING at 12:45pm in Mech Eng 342.

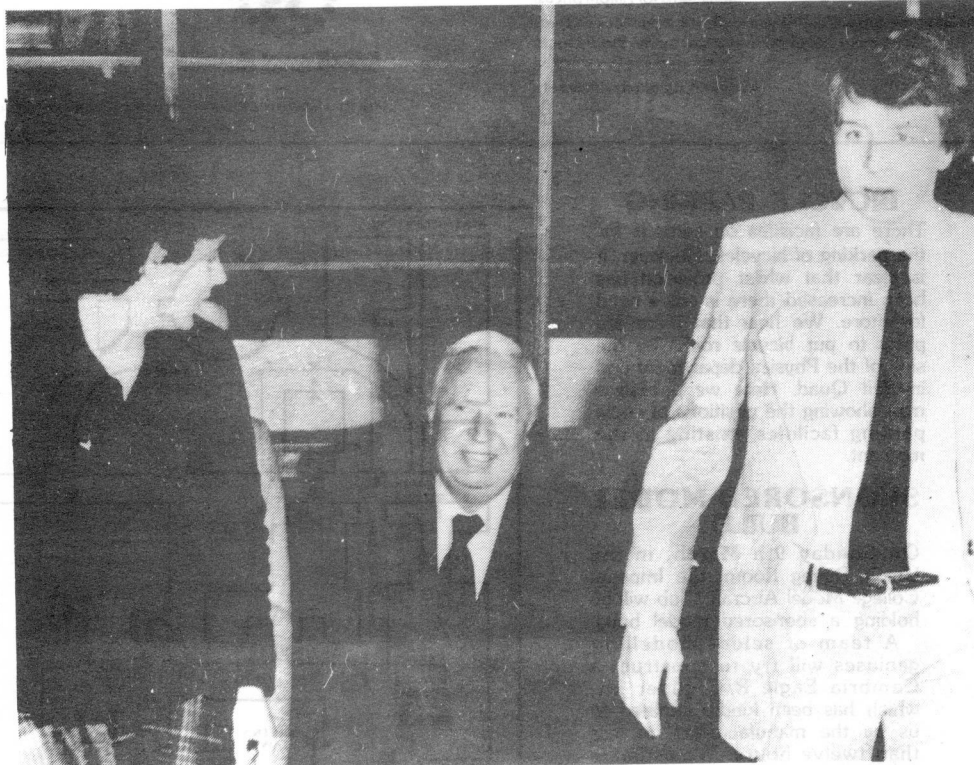
HEATH AT IMPERIAL

Tuesday saw the return of a packed Lecture Theatre, with Edward Heath speaking to an audience of about three hundred and fifty in Physics Lecture Theatre One. This was a great follow up to the Finiston lecture on the day before. Mr Heath is a Conservative ex-Prime Minister, and is at present MP for Bexley and Sidcup. Mr Heath spoke at great length on the future economic policy of the world, and directly tied up the problems facing Third World developing countries and the developed countries.

The audience was first informed of the past global economic policy which led to thirty years of prosperity following the Second World War. The policy of the US lending money to European countries so that these countries could rebuild their industries, knowing that Europe would have to use US industries and technical knowledge if technology was to return to Europe.

The future of Britain relies on us helping to extend this principle in the next twenty years. However, the role that we must play has changed. Europe has to rely on OPEC countries investing their oil profits in other Third World countries. Investment in these countries would result in a demand for technical expertise from countries in the North (ie, America, Canada, Australasia, and European countries). This would help to ease the problems of unemployment which we presently face.

We can no longer rely on our traditional industries, eg, motor industry to support our economy. Instead we must fully develop new industries and new technology, eg, the silicon chip industry. Thus we cannot remain stationary in terms of technological

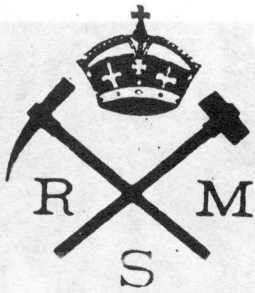


advance, but must be constantly breaking new technological barriers. However this relies on developed countries being able to come to some agreement with OPEC countries as to the future of oil supplies and oil prices, as without this agreement future investment will be difficult if not impossible.

After his speech, Mr Heath then answered questions from the floor. Most of the questions were on the subject of overseas development. The first was raised on the position and status of Iron

Curtain countries in this global strategy. The principle of industrial cooperation without political guarantees was accepted whilst noting that we have a lot to answer for in this field. We must no longer consider the situation as being one of 'aid', but as one of 'mutual cooperation'. In conclusion most people came away feeling that they had learnt a great deal on future global policy, from a man who must be recognised as an expert in this field.

Bernard Smith



MINES

Last weekend was yet another stormer for Mines. At the Nottingham Rugby Sevens the first team beat Newcastle firsts by 22 to 4 in the final to win the Union Corp silver salver. (We are in fact the only holders of it.)

Congratulations to the seconds on reaching the semi-final, the thirds who scored seven points and conceded 100 and to T Rev and Helicopters Newman for clearing up their Ralph and Hughies. In the Soccer Sixes RSM won 2-1 in the final after extra time.

Well done Dave Rhodes and Stevie Hinde, the rugger (2 g's Trev) and soccer captains.

On Sunday Andy NOrman and the boys were unlucky to lose 8-7 to Arsey Ess, but they still won the overall competition to pick up the Whitbread Trophy.

On **Wednesday 12th March** it is the MINES REVIEW in the JCR. Tickets £1.00 from RSMU and ICU Offices and bars. The entertainment will include 'exotic' dancers, a bar extensiion, and the film *Confessions Of A Driving Instructor* and more.

On **Tuesday 18th March** there's the RSMU ELECTION UGM at 12:30pm in G20.

Cheers
Bob the Slob



RCS

Well the elections are over and the candidates have been ratified. Congratulations go to the following:
Rich Archer for becoming President.
Paul Johnson — Vice President.
Steve Tyson — Honorary Secretary.
Zosia Zbrzesniak — Honorary Junior Treasurer

Dave Lyons — Academic Affairs Officer.
The VP election brought forth the closest election for many years, with only eleven votes seperating the candidates on the first allocation. This definitely illustrates the overall trend for the election.

A very high quality of candidates for the five posts means that some must fail. But the fact that the elections were well contested shows that there is a great

strength in depth within the Union. Many congratulations must go to the successful candidates, along with very strong commiseration to the unsuccessful ones who we must hope will persevere and provide the nucleus of union members who are so important to the continuing success and strength of the Royal College of Science Union.

Let's hope that the relatively good support for the Hustings and Results UGMs continues and increases up to the AGM when the rest of the officers are elected.

There was a high RCS entry to the Great Imperial Rag Race. In all Rag managed to sell another 2,000 Rag Mags and they seem to be heading towards making a profit. At last the indifferent attitude is going and one hundred and fifty people came to the Hustings UGM. Keep your eyes open for all the end of term events, such as the Deaf Kiddies party tomorrow with lots of jelly and ice-cream for all. The Black And White Minstrel Rag on Saturday 15th March — black your face and sing the blues to help the deaf.

Finally remember the IC elections on Monday and Tuesday. Use your vote.



CITY AND GUILDS

The Swimming Gala held on Monday was yet another resounding victory for Guilds. Soundly beating RCS and Mines in the swimming and also in the water polo Guilds showed again who is top. Many congratulations go to all the swimmers for their magnificent performances.

As you should have realised by now this is the time when elections are taking place and Guilds is no exception. During the weekend there is the run up to the elections, which are held on Tuesday.

FORTHCOMING EVENTS

Saturday 8th March: Election Rag. This event if for all of you, but more importantly all the candidates must attend in fancy dress. This is a good chance to get to know who is standing and to find out how deviant their taste in fancy dress is. Meet in the Guilds Union Office at 9:30.

Sunday 9th March: Election Bar Night. Another chance to meet the candidates, who must all attend, this time over a few/many pleasant drinks. There will be yards, boat races, songs and plenty of fun. The Union Bar at 7:30 onwards is the place and time.

Tuesday 11th March: The Election UGM. A full turnout of Guildspeople is required to elect **YOUR** Exec. The format of the elections is that the candidates for each post will be husted. Their proposers and themselves will speak followed by questions to the individual candidates. Voting then takes place. After all the candidates have been elected there follows the initiations of the new Exec in the pool. The old Exec also seems to get pushed in. This is followed by drinks in the Queens where the President elect will buy the first round.

Wednesday 12th March: Sparkes Cup against Mines. There are free coaches for all supporters at 1:00pm in Beit Arch.

Friday 14th March: Guilds will be going to the theatre. Further details from the Union Office followed by dancing the night away at the Rag Party in the JCR.

Sunday 16th March: Guilds Mystery Tour. Further details later.

Cheers
Bryan



GUILDS



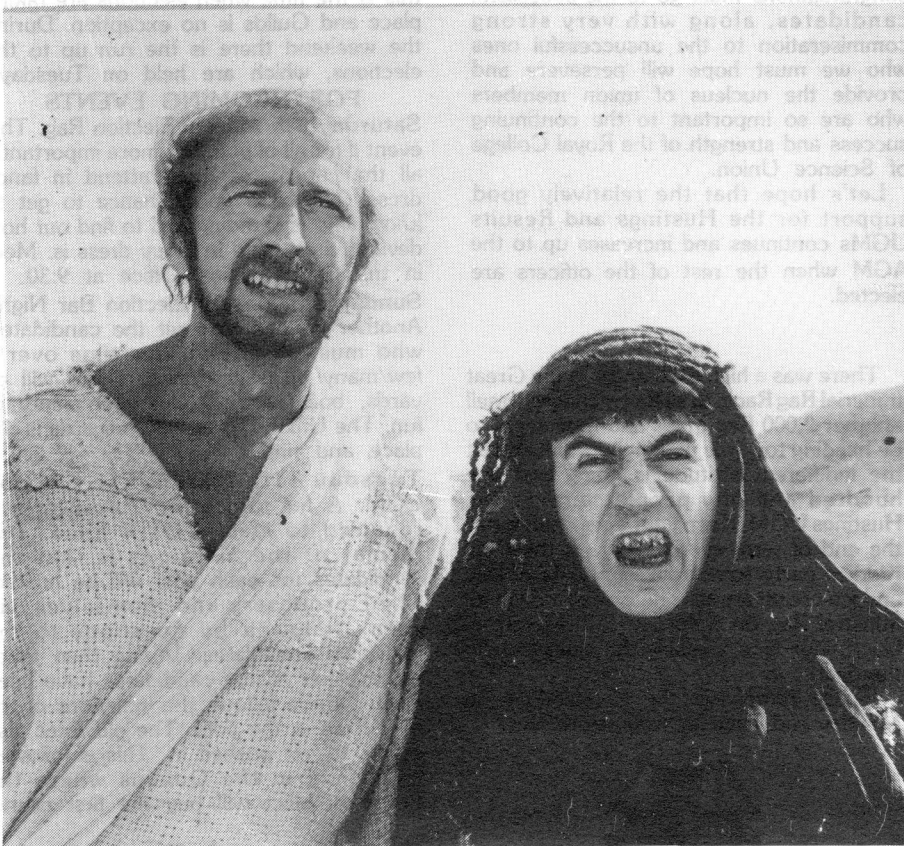
ELECTION UGM

Tuesday 11th

12.45 M.E.220

Be there to vote in

YOUR EXEC



Monty Python's *Life of Brian* - Graham Chapman and Terry Jones.



The Charlie Parkas
Picture by Nigel Tooby

STOIC will be showing an exclusive interview with Terry Jones at 1:00pm in the JCR, Union TV Lounge, Southside Lower TV Lounge and Beit, Southside and Linstead Halls on channel 21. The programme will be repeated at 6:00pm. Transmission date: Tuesday 11th March.

OVERSEAS LEADERS TRAINING COURSE 1980 (for Present and Potential Award Winners)

Interested in helping run the Duke of Edinburgh's Award Scheme in a country other than the UK? You are? Then read on.

The Duke of Edinburgh's Award Scheme is a programme of spare-time activities available to young people between the ages of fourteen and twenty-five, designed to encourage a spirit of voluntary service, self-reliance and perseverance, a sense of responsibility to the community and the acquisition of vocational skills.

The Award Scheme is operated under a variety of titles in over forty countries throughout the world, mainly the Commonwealth, where it has been successfully adapted to meet the needs of young people from many different environments, cultures and backgrounds.

The Award Scheme relies upon **adult help** for its implementation and promotion — adults who are not necessarily connected with schools or youth organisations, but who are concerned about the development of young people into mature and responsible citizens.

For Overseas students currently in the UK wishing to learn more about the Award Programme overseas and for those people intending to spend some time in a country other than the UK (perhaps on teaching contracts or Voluntary Service Overseas),

two training courses are being held this year near London: From Wednesday 2nd July to Friday 4th July at the Green Park Training Centre, Aston Clinton, Aylesbury; From Monday 14th December to Wednesday 17th December at St Columba's House, Woking.

The courses will provide: an introduction to the Award Programme for those not already acquainted with it; an explanation of its new simplified structure being introduced this year; practical guidelines for the Programme's operation and development overseas; an opportunity for delegates to examine ways in which Award leaders worldwide can work towards making each section of the Programme (expeditions, skills, service and physical recreation) relevant and meaningful within their respective communities.

Both courses will be residential and delegates will be asked to arrive by 4:00pm on the first day, leaving after lunch on the final day. The nominal charge of £10.00 per person will include all meals and accommodation at the course centre. A certificate of attendance will be available to delegates upon request.

If you would like to attend, please complete and return the attached form as soon as possible (but certainly no later

If you would like to attend, please contact Adrian Goodworth, Overseas Executive, Duke of Edinburgh's Award, 5 Prince of Wales Terrace, Kensington, London W8 5PG (telephone 937-5205).

JUST A SEC

The results of the college wide ballot will be announced in the Great Hall on Thursday at 1:00pm.

The election of Union officers for next year also takes place then. The posts of Welfare Officer, Academic Affairs Officer, ICCAG Chairman, Rag Chairman, UGM Chairman, ULU Representative and External Affairs Officer are important.

Papers for the above are up in the Union Lower Lounge and will be taken down on Monday 10th March at 5:30pm.

Election is by STV ballot at the UGM following hustings.

May I remind candidates that publicity is governed by publicity rules, (ie dates of the election be mentioned) and election rules.

Don't forget **RESULTS AND ELECTIONS. THURSDAY 13th MARCH, 1:00pm, GREAT HALL.**

Dep Rep Elections

At the time of writing, I am unable to say which posts are to be contested. If your departmental post is, then there will be hustings some time next week, at the discretion of the current dep rep. Election is by secret ballot in your department on Monday 17th March.

Incidentally, if you still wish to stand, papers come down today at 5:30pm.

Roger Stotesbury
ICU Hon Sec

NO CRISPS, NO FUN

The fact that IC students are generally apathetic toward live entertainment at the college has been apparent for sometime. This, couple with the fact that Sunday nights gig was not advertised outside College, paved the way for yet another calculated flop.

About two hundred paying punters braved the clinical confines of the Great Hall in order to watch The Smirks and The Charlie Parkas. The Smirks made a legitimate attempt to rouse the small but enthusiastic attendance with a set that owed more to youthful enthusiasm than to startling musical prowess. Still, they were well received, and considering the sterile atmosphere of their platform, managed to evoke a warm response.

The Charlie Parkas, (aka the Albertos) as if affected by their surroundings, gave what, by their standards, was a lack lustre performance. 'Going through the motions' I think you could have called it. Not bothering with the theatrical props that are usually such a feature of their act, instead they meandered lamely through a bunch of limp songs, the only real humour coming in the preambles.

After about forty minutes, this writer, suffering from acute boredom decided to look for edible refreshment. On my return some five minutes later, I was refused readmission, by a self-styled security man (bouncer to you), my crime being that I was armed with two packets of potato crisps (for the interested reader one was ready salted and the other was beef 'n' onion) crisps I was told, were not allowed in the auditorium. I faced a dilemma: was I to sacrifice the crisps in the name of rock 'n' roll, or reach Bunteresque proportions and scoff the lot? I ate the crisps, the band played on.



"P... off photographer - I'm gonna hide."
Smirks pic by Nigel Tooby.

WE CAN'T PAY? WE WON'T PAY! — a satirical farce.
"We Can't Pay? We Won't Pay!" will be performed in the Union

Concert Hall each night from Tuesday 11th March to Saturday 15th. Each performance will begin at 7:30pm, and tickets are priced at £1.00.

How would you react if, on your next trip to Waitrose, you discovered that all their prices had doubled overnight? Would you simply accept the situation, or would the rise be just too much?

Dario Fo, in this much acclaimed farce, gives his own opinion of how two everyday Italian couples might have acted in the Communist Party era of the seventies. The country gripped by raging inflation, our characters' emotions run high, to the point where they feel they can justify what they once thought to be criminal acts.

The play is certainly a comedy, but asks many serious questions about the morals of capitalists, communists, the trade unions, police farces, and indeed all who wield power. Apparently, the only way in which the individual can fight rights is to take the law into his own hands

"We Can't Pay? We Won't Pay!" was first performed in this country at the Half Moon Theatre in 1978, and the Imperial College Dramatic Society's production will be its second revival. Dario Fo's work is not well known in Britain, although he is highly successful in his own country. Another of his farces "The Accidental Death Of An Anarchist" is currently playing at Wyndhams in the West End.
Mark Wiszowaty

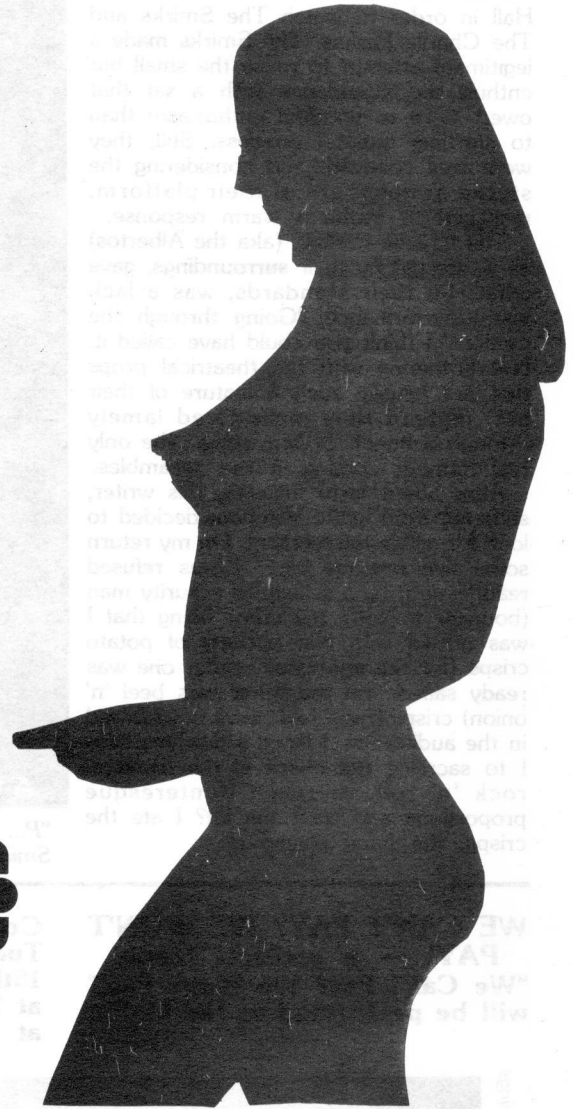
photo by Steve Hutchings





MINES REVIEW

JCR
WEDS
12TH
MARCH
7.30 - 3.00
BAR TILL 2.00



EXOTIC "FLOOR SHOW" BAND
COMEDIAN HON PORN'S SPOT
FILM: "CONFESSIONS OF A DRIVING
INSTRUCTOR"

TICKETS £1 FROM CCU OFFICES & BARS

P G TIPS

Of the various matters discussed at meeting of the Graduate Committee on 3rd March, I should like to bring the following to the attention of PG students.

OVERSEAS RESEARCH STUDENTS FEES SUPPORT SCHEME

This is a scheme that would be applicable only from the coming academic year and has been set up by the Secretary of State for Education and Science to provide awards for partial remission of tuition fees (to the extent of the difference between overseas and home students' fees) to overseas research students of "outstanding merit and research potential". There will be a total of about five hundred such awards of which IC is expected to get a share of about sixty. At present the rate of intake of overseas research students at IC is about one hundred and twenty per year on average. Since this trend is likely to decline over time, it would seem that more than half the overseas research students joining IC in 1980-81 would be able to take advantage of this scheme. The awards would initially be made for a period of one academic year, but are extensible for the full course of study of the student.

SUPERVISION OF RESEARCH STUDENTS

The committee also discussed some questions relating to protracted periods of research in the case of PhD students.

It was generally agreed that while three to four years was the 'normal' time to finish a PhD, if students were taking more time then there were reasons to look deeper into this phenomenon. The Registrar has agreed to collect some information relating to PhD students who have been registered as full-time students for more than four years.

One often hears complaints about research students not getting adequate supervision either because of some personal problems with their supervisors or because the supervisor has far too many students to supervise or because some supervisors take up so much consultancy work that they have virtually no time left for their research students. In this connection, Richard Earl, my predecessor, had tried to conduct a survey which among other things; asked the PGs whether they thought they were getting adequate supervision. Unfortunately, the response rate of this survey was so low that the only thing that came out unequivocally was the general apathy of the PGs to such efforts.

However, even if this problem affects only a very small proportion of research students, it still needs to be looked into in detail. The Chairman of the Graduate Studies Committee has

kindly agreed to write a letter to heads of departments to find out about research students in their departments who are taking more than four years for their PhD and also to find out the possibility of allotting an additional staff advisor/alternate supervisor or having a PG tutor/an advisory body in each department to whom the research students could go and talk about problems of supervision. Some departments already have such a provision. In any case, I think this is a positive step and must be commended. If you have any other ideas that could help, come and see me or drop a line and I will come and see you.

NEW MSc COURSE IN NUCLEAR FUEL TECHNOLOGY

The department of Chemical Engineering is going to run this PG course from October 1980. It is a substitute for an earlier course and has been approved by the Graduate Studies Committee. It would be put before the Engineering Board on 5th March and in all probability would be given a go ahead.

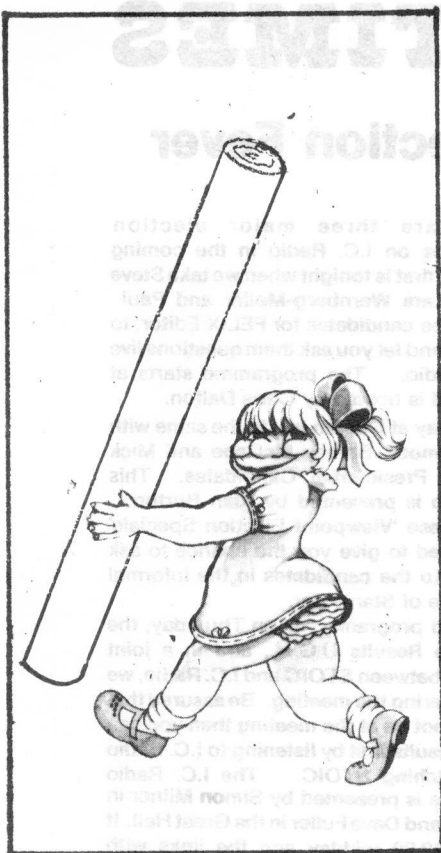
The reason why I bring this to your notice is because after having looked at the proposed syllabus of the course, I, personally, think that the safety and environmental impact aspects of nuclear fuel technology have not got sufficient attention. At present less than about ten percent of the lectures seem to be devoted to these aspects.

Most of the graduates from this course, according to the notes before the Graduate Studies Committee, would be employed by British Nuclear Fuels Ltd (BNFL) and other nuclear power companies like NPC, GEC, etc. The BNFL also hope to send some of their staff members for this course. This course at IC must give a balanced picture of the hazardous aspects of nuclear energy — particularly when institutions like the BNFL do not have a clean record of matters relating to safety (see for example, (i) Science for People, page five, Autumn 1978, and (ii) Counter Information Service Anti-Report Number 22, pages twenty-one to twenty-nine).

While individuals should perhaps be free to choose whether they want nuclear energy or not, students such as those who would graduate from this course must have a fair picture of all aspects of nuclear energy. Their responsibility becomes all the more crucial considering that people who are most susceptible to nuclear hazards are those who are also the most vulnerable sections of the population and have had no direct say in choosing nuclear energy, ie the common man/woman and more importantly, the industrial workers in nuclear plants.

Lastly, those of you who would like any Union help in solving any of your specific problems are welcome to get in touch with me.

Bharat Bhushan
P G Affairs Officer



RAG CABER TOSSING

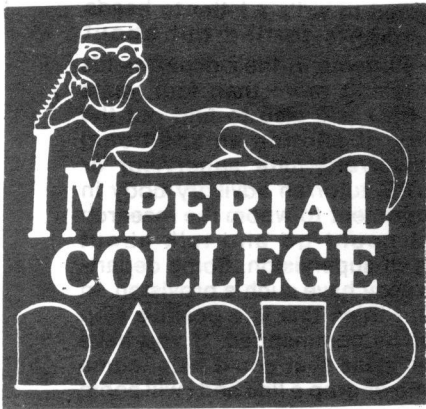
If you read the *Kensington News And Post* last Friday, you may have seen a letter from the National Deaf Children's Society, which said, "We have been very thrilled by the enthusiasm and hard work of the students at Imperial College, in their efforts to help deaf children."

The rest of the letter went on to ask for sponsorship for the children taking part in our CABER TOSSING CONTEST, which takes place tomorrow, Saturday 8th March in Prince's Gardens.

If you've been one of the ones contributing the "enthusiasm and hard work" mentioned, then I assure you from experience, that it makes it all worthwhile when you meet the children you are helping. If you haven't been involved in Rag yet, then I urge you to come along and really see what we are doing — tomorrow we are having about fifty deaf children from schools which we will be buying equipment for, plus their parents, teachers and officers of the National Deaf Children's Society, if you want to ask any questions about deafness, the equipment we're buying, etc.

This event is designed to be a great day out for the kids, and for YOU to get involved. There's lots of highland demonstrations, games, fun, jelly and ice-cream, and the national press should be there too. So please come along — either to the event itself at 2:00pm or if you want to help we'll be around Prince's Gardens/Southside Lower Dining Room from 10:00am. BE THERE — it'll be great fun and give you immense satisfaction if you've done anything for Rag this year.

Rae



301m/999kHz Medium Wave

Now by line to Tizard Gallery (Pool Room), also Keogh Gallery level, Stan's & Linstead Bars and soon in Falmouth (hopefully tomorrow)



I.C. RADIO TIMES

I.C. Radio Top Twenty 3/3/80

- 1 (1) Peter Gabriel - Games Without Frontiers
- 2 (13) Mike Rutherford - Working in Line
- 3 (11) Talking Heads - I Zimbra
- 4 (2) The Flying Lizards - T.V.
- 5 (12) Orchestral Manoeuvres - Red frame white light
- 6 (7) Squeeze - Another Nail in My Heart
- 7 (3) Cristina - Is that all there is?
- 8 (19) The Police - So Lonely
- 9 (-) The Vapours - Turning Japanese
- 10 (4) Dave Edmunds - Singing the Blues
- 11 (9) Blondie - Atomic
- 12 (10) The Buggles - The Plastic Age
- 13 (-) B.A. Robertson - Kool in the Kaftan
- 14 (-) Magazine - Song from Under the Floorboards
- 15 (14) Rachel Sweet - Fool's Gold
- 16 (-) The Inmates - Love Got Me
- 17 (8) Joan Armatrading - Rosie
- 18 (-) Rick Wakeman - I'm so Straight I'm a Weirdo
- 19 (-) Earth, Wind and Fire - In the Stone
- 20 (-) Rainbow - All Night Long

Compiled by Sarah Talbot from the most played records on I.C. Radio during the past two weeks.

Dave Fuller at last year's Results U.G.M. in the Great Hall, appearing simultaneously on I.C. Radio and STOIC.

Photo courtesy of STOIC

Election Fever

There are three major election programmes on I.C. Radio in the coming week. The first is tonight when we take Steve Marshall, Lars Wernberg-Møller and Paul Williams, the candidates for FELIX Editor, to Stan's Bar and let you ask them questions live on I.C. Radio. The programme starts at 9.00pm and is hosted by Chris Dalton.

On Sunday at 8.30pm we do the same with John Passmore, Barney McCabe and Mick Berry, the Presidential Candidates. This programme is presented by Alan Burton. Both of these 'Viewpoint Election Specials' are designed to give you the chance to ask questions to the candidates in the informal atmosphere of Stan's Bar.

The third programme is on Thursday, the day of the Results U.G.M., and in a joint adventure between STOIC and I.C. Radio, we will be covering the meeting. Be assured that if you cannot be at the meeting then you can hear the results first by listening to I.C. Radio or by watching STOIC. The I.C. Radio programme is presented by Simon Milner in the studio and Dave Fuller in the Great Hall. It starts at 12.00 midday and the links with STOIC and the meeting begin at 1.00pm.



SOCIETIES' PAGE

SOCIALIST SOCIETY

On Thursday 28th February, a member of Plaid Cymru's parliamentary research staff gave a talk to IC Socialist Society.

He talked mainly on the historical development of Plaid Cymru, the Welsh Nationalist Party, and in particular its relation to socialist ideals. His view was that Plaid Cymru will become a more socialist party.

Questioners from the audience asked mainly why he did not think an all-British campaign for socialism would be favourable to a Welsh socialist state, which he answered by saying that he did not think any London based party or state could ever be truly socialist, and that there was a widespread and deeply felt sense of national identity in Wales, although he did not see why an independent Wales should weaken British trade union solidarity.

The outlook for Wales, he said, was bleak, with a possible fifty percent increase in the jobless total ahead. He spoke of recent political developments including the formation of a Welsh Socialist Republican Movement in the wake of the Devolution fiasco, drawing its members from most Welsh political parties. He also spoke of a labour party/trade union attempt to refloat the issue of Welsh home rule.

Phillip Williams

IC C A G

Well, I think it must be mentioned that last Friday we had a very enjoyable time with the Birkenhead school children and though there was no real need for volunteers to help out as we had enough there is a need for you to suggest other groups of kids we can take out! Again Monday dinnertimes or Tuesdays at 5:30pm, third floor Union Building.

As thoughts of summer enter our little heads we smile (before we remember exams) and if you know definitely that a sixteen week long holiday is going to bore you stiff then get away from it all. If like me you have difficulty getting 'ordinary' jobs then try voluntary work because everyone wants someone to help out for little pay. Meanwhile you spend, say, long hours in the gentle British summer countryside at an old or young people's home, and if you are the sort that gets worried easily by world events these homes are mostly out of the major fallout zones so you only get a natural suntan. Attracted? The work, I say 'cos I know, is very very easy.

Meanwhile, back in the big gritty. We still would like you to volunteer for just about anything you've spare time and inclination for, if you're into stirring soup and chatting in Falmouth

kitchens for an hour or so on Tuesday and Friday evenings then Sunila Nimalasuriya will show you how it's done and later at 10:30pm you may even feel like doing the souprun.

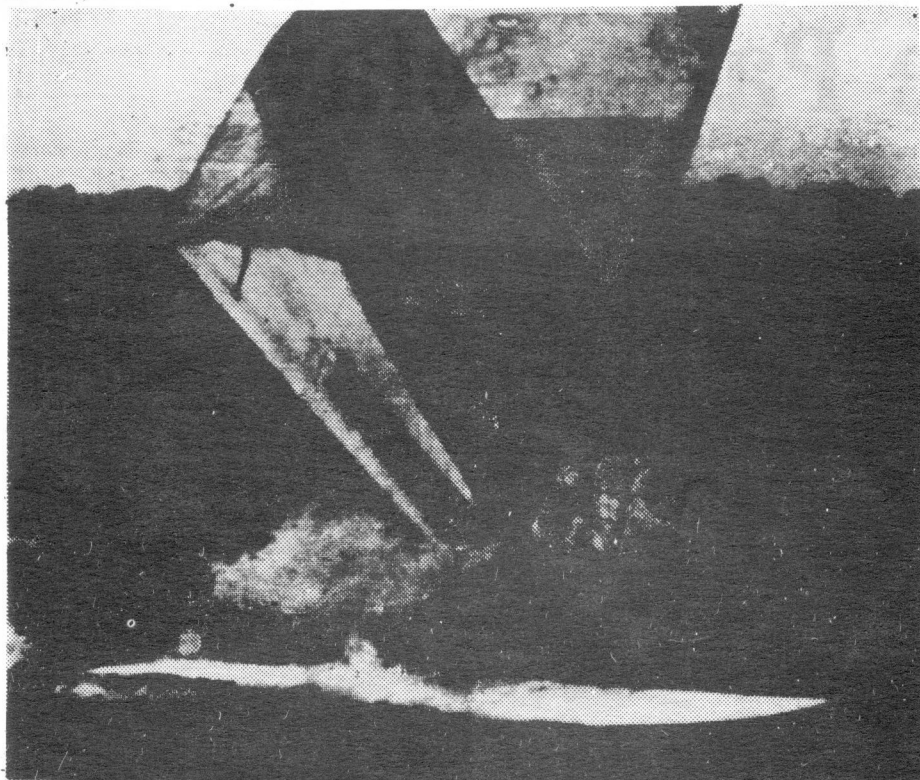
P A T A

This term saw the birth of the Union's newest society, Imperial College Positive Alternatives To Abortion Society (PATA), following a long gestation and despite attempts by opponents to bring about a premature end to it.

PATA exists to bring together students who believe that the 1967 Abortion Act takes away the rights of the unborn child. It intends to use all the democratic means available to campaign against the 1967 Act and the Union's present policy on abortion.

PATA is not just fighting abortionism. It aims to persuade the Union to actively support the provision of better maternity rights, to join campaign against cuts in nursery places and to support the provision of facilities to allow more handicapped people to have the opportunity of higher education.

Membership of PATA is open to all students whatever their political or religious beliefs. If you are interested then come to the next meeting on Wednesday 12th March at 1:00pm in Chemistry Lecture Theatre E or contact Sean Kelly, Chemistry 2.



AMNESTY INTERNATIONAL NEW DIRECTIONS?

A number of IC students recently entered the world of economics, or at least the London school of such to attend a meeting organised by Amnesty International. The meeting's purpose was to inform us of the latest developments in AI's campaigns, and to give notice of short talks by people from AI, followed by discussion groups on various topics.

A speaker from the International secretariat of AI talked about the changing nature of Amnesty's campaigning, whereby it is now interested in the large scale abuse of human rights by a country, as well as the detention of a given individual. This change was brought about because in some countries (Ethopia, Amin's Uganda) the adoption of a prisoner by AI was regarded as a death sentence.

An example of this new style is the current campaign on Guatemala which is focused on the links between multinational companies and the government. For instance, it has been noticed that there is a 'very high degree of correlation between a rise in death/disappearance rate of the local peasantry and the desire of International Nickel to start mining in that region. Also for Guatemalan employees of Coca-Cola, things just don't go better with Coke.

On the USSR it was emphasised that AI has no policy on either the Soviet occupation of Afghanistan or the holding of the Olympics in Moscow. However, it is still very concerned about the continued regard for human rights displayed by the Soviet government.

Future campaigns will include action on Zaire, Pakistan, export of 'repressive' technology, USSR, death penalty...

WINDSURFING

Imagine skipping over an azure sea, a warm wind in your hair, the sun beating down on your back. This is windsurfing.

In Britain, it isn't quite like that but if you are interested in windsurfing, either forming a club or sharing petrol money to noted windsurfing venues, please contact Nick Ajderian, Mech Eng 1 letter-racks or the lounge above Stan's today. We can arrange instructors courses as well as cheap beginners courses.

DOUBLE TRIUMPH FOR HAMSOC

Last weekend, members of IC Amateur Radio Society took part in two international contests simultaneously, and exceeded their expectations in both.

The VHF station, G8EYC, was entered in the Radio Society of Great Britain VHF/UHG contest. Only the Thursday before the event, the decision was taken to enter the 'single operator' category of this event, with David Hardy (Chemistry 1) in the 'hot seat'. VHF conditions were excellent, and so David concentrated on quality (or rather, distance), rather than quantity of contacts. His furthest contact was a new club record: five hundred miles to the Austria-Switzerland border. With close to two hundred contacts in the twenty-four hours, his efforts should put the club into the top few placings: quite an improvement on last year's last place!

Meanwhile the HF stations, G5YC, was taking part in the forty-eight hour American Radio Relay League contest, attempting to contact as many stations as possible world-wide. Progress was

slow throughout Saturday, and it seemed as though the final score would only equal last year's 1,222 contacts.

However, several 'rare' countries were contacted, including a few society 'firsts'. These included several remote tropical islands, some of which members of Hamsoc had never heard of!

Eight hours from the end of the contest, Greg Kaye (Elec Eng 2) took over as operator, and amassed an amazing 1,017 contacts. This final marathon sprint was spectacular and exciting to watch, with Greg contacting four or more stations per minute at times. This suddenly elevated the society's hopes from being an 'also ran', to that of a top placing. The final result depends on how the opposition fared, which will not be known for some months yet.

The final total was 1,831 contacts, made up as follows:

Greg Kaye (G4DKA) — 1,017 contacts
 Russell Whitworth (G4GQA) — 477 contacts
 Jan Chmielewski (G4GQA) — 134 contacts
 John Savage (G8RRD) — 82 contacts
 Peter Mead (G4DOA) — 81 contacts
 Kevin Foster (G8TYO) — 40 contacts

Finally, credit must go to the team of helpers (better known as Insomniacs Anonymous), who gave up their weekend to keep things running. Their vital support role included log keeping, duplicate contact checking, on the spot equipment repairs, and, of course, making the all-important gallons of coffee!

Russell Whitworth

PHOTSOC

The Photsoc AGM will be on Tuesday 11th March at 7:00pm in the Senior Common Room, Sheffield Building. At this meeting the new committee will be elected (papers are still up on Photsoc Noticeboard next to gents' loo in Union Building). Also, anyone wishing to enter the annual competition should hand in their entries.

The vacant committee posts are chairman, secretary, treasurer, publicity officer, darkroom officer, colour group leader, ordinary committee member and shop officer.

The annual competition will have prizes, and there are six categories: Black and White prints (open); Black and White Prints (portraits); Black and White Prints; Colour Prints (open); Slides (open); Slides (landscapes).

Each person may enter up to five photos in each category (they may have been entered in our other competitions before, but not in a previous annual competition). Prints should be greater than sixty square inches in area, and not bigger than sixteen by twenty inches. Slides should be glass mounted for their own protection (though they do not have to be). There will be a twenty pence entrance fee per person. All entries will be exhibited in Sheffield some time next term.

Hyde Park Relay

The thirty-second edition of the Hyde Park Relay was held last Saturday at 3:00pm under near perfect conditions. One hundred and two teams finished the race out of the original entry of one hundred and forty teams.

The novelty of this year's relay was the number of ladies running: twenty-six ladies took part and it is hoped that next year a ladies' event will be introduced on a team basis.

The Lady Roderic Hill Cup for the first placed team was won by Leeds University 'A' in a time of 83.24; four seconds slower than the record.

The Steve Webb Trophy for the second placed team was won by WLIHE 'A'.

The Imperial College Union Cup for the fastest team from a college with under five hundred male students was won by St Mary's College for the second year running.

The National Westminster Bank Ltd Trophy for the fastest runner was won by Hugh Jones of Liverpool University with a record time of 13.12 minutes. The previous record was held by J Davies of WLIHE with a time of 13.17 minutes.

Imperial College finished in forty-eighth position.

Lady Flowers and Mr Lain from Nat West presented the prizes in the JCR.

TEAM POSITIONS OVERALL WITH TIMES

1. Leeds University 'A' (83.24)
2. Loughborough Old Boys (Guest Team) (83.50)
3. West London Institute of Higher Education 'A' (83.57)
4. Loughborough University 'A' (84.22)
5. Oxford University (84.46)
6. City University 'A' (85.25)
7. Cambridge University (86.08)
8. Katholieke Universiteit Leuven (86.18)
9. West London Institute of Higher Education 'B' (86.20)
10. Newcastle University 'A' (86.32)

- and
48. Imperial College (95.40)
 - A. Mick Kelly (15.39)
 - B. Allan Murray (16.16)
 - C. Mark Thwaites (16.34)
 - D. Gary Longhurst (16.21)
 - E. Steve Kirk (16.14)
 - F. Evan Cameron (14.36)

SAILING CLUB

Last Saturday IC sailed a home match against Cambridge in very light and variable conditions, which made for some very close racing.

In the first race IC rounded the first mark second, fourth and fifth, but a mix up over the course resulted in Cambridge taking first, second and fifth at the line. In race two, IC started well and held on to finish first, second and sixth.

The third and deciding race proved to be the closest. On the penultimate leg of the course the positions were second, fourth and fifth, with IC needing second, third and fourth to win.

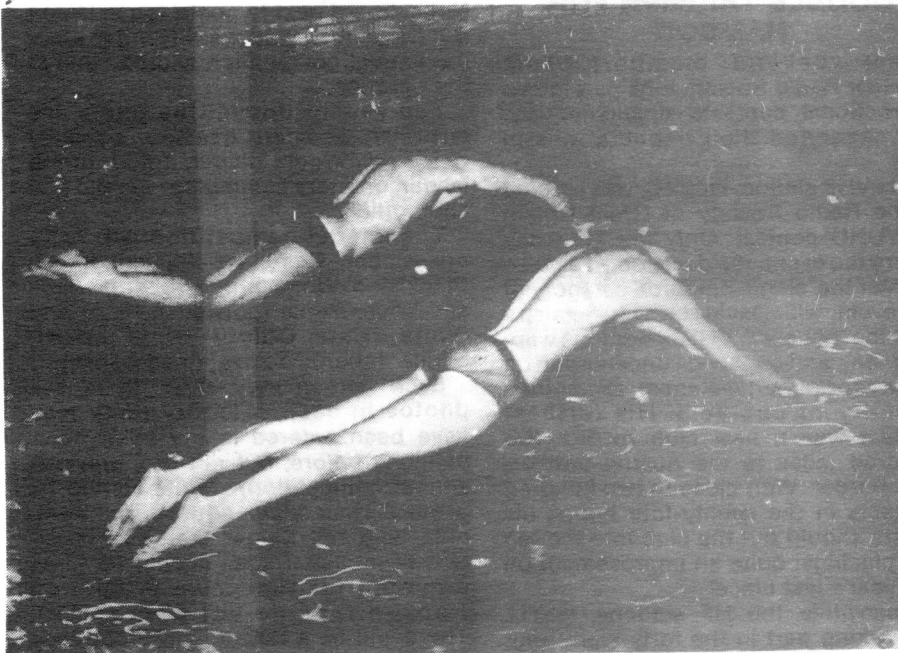
Cambridge made the mistake of crossing the line in first position, leaving a three against two situation on the final approach to the finish. Close covering resulted in the two remaining Cambridge boats being dropped to fifth and sixth, and so IC won the race and the match.

Team: John Williams (Captain), Gil Butler, Nick Ajderian, Kevin Andrews, Colin Murray, Caolan Patterson.

Photo by Mickie Marsh.



Leeds University 'A' receives cup from Lady Flowers.



The RCSU Swimming Gala held last Monday

Photo by Steve Groves.

HOCKEY

Two major surprises awaited the second eleven players as we turned up on Saturday lunchtime. The first was that twelve of us had actually turned up so we could field a full team and an umpire. The second was the unbelievably dazzling whiteness of Gordon Baxter's shoes which left several team members groping for snow-goggles and could well explain the apparent blindness of our opposition's umpire!

When Dave Cornwell volunteered to umpire the first half, the outlook seemed very bleak indeed. This was confirmed as our opponents dominated the first part of the match. Despite good defensive work by Steve Rampton, and Steve Leinster, Uxbridge finally managed to score about twenty minutes into the half. Soon after this, Martin 'Banks' Cooper demonstrated a revolutionary new goalkeeping tactic when he somehow managed to get his pads between an attacker's stick and the ball, preventing a certain goal.

The second half saw persistent College pressure inspired by Mike Chew in midfield, strong forward running and Pete Smith's constant shouts of 'Keep it tight'. We managed to stretch the Uxbridge defence but unfortunately could not find the final shot. In attack, Uxbridge were frustrated by the close attention and sharp tackles of Gordon Baxter and Andy Stroomer and apart from several moments of blind panic were unable to cause Martin Cooper any trouble.

After the game, we got revenge for our defeat by directing Pete Smith's rendition of 'Puppy Love' towards the visitors' changing rooms! Obviously distressed by this horrible torture, our opponents left without accepting their jug. This left us with little alternative but to take up the spoils of victory!
Andy Stroomer

RUGBY

On Sunday 2nd March, IC took part in a XV a side tournament held at the Civil Service ground in Chiswick. Four teams took part, Civil Service, IC Wageningen (from Holland) and the Lemmings a team from South Kensington Museums.

The competition was organised on a league basis with each team playing three games. The first rounds saw the Civil Service convincingly beat Wageningen 20-4 while IC took on the Lemmings, and laboured in getting on top of this motley crew and at half-time the score was still 0-0 despite great vocal support from a merry band of supporters. Second half points from a Dunleavy penalty and Price-Stevens try gave the crowd something to cheer about, enthusiasts cheering after IC's second try was soon muted, when it was realised that Goring was the scorer, giving a final score of 11-0. In the second round the luckless

Dutch were beaten 12-4 by the Lemmings, and IC encountered their hardest game against Civil Service. The Government representatives were obviously taking things very seriously and after several fracas during the first half the referee saw it necessary to send both teams off the field to lecture the captains. On the resumption, the Civil Service potted three penalties to come out 9-0 victors, may I add that our behaviour was exemplary, and being civil servants our opponents hit out in triplicate. (Robin-Ringer-Moorgate-Davies is innocent — maybe).

In the final round the Civil Service were held to 4-0 by the Lemmings but still took the tournament, and IC took on Wageningen. It soon became apparent that no matter how we tried it was going to be difficult to let our Dutch friends score, so we went on to give them a veritable drabbing of 34-0, tries coming from Will Burgoyne (2), Phil Ratcliffe (2), Pat Dunleavy and Steve Townsend. This game was played in a friendly spirit and everyone who was there, is looking forward to the ICRFC tour to Holland when Wageningen will be our hosts.

P Goring

SOCCER

IC were again to make changes to their regular line up for Saturday's game against St Thomas'. Quent Merritt continued in place of Graham Rickard with Andy Hartland joining him in the forward line. For the absent Dean the defence had been pruned of both full backs so that Jim Beer was brought in at left back. At right back we had Dennis Cook, who must have been inspired by Seb Coe's appearance in the Hyde Park Relay, as he spent most of the game at speed approaching MACH 2!

IC were just getting into their stride when St Thomas's were presented with a goal. However, IC fought back well, so well that Chris Hendy got booked and equalised, just, from booked and equalised, just, from Stevenson's penalty. After Hendy was fouled. St Thomas's began to flag and when Rowley's cannon ball shot was dropped by the keeper, Hartland was on hand to hit two shots at defenders before Merritt arrived to finish the job properly! At 2-1, their heads were down and a superb goal at the start of the second half sealed it. Hartland made a superb run past three defenders to the goal line and, as the keeper came to him, he crossed so precisely that even the horizontal Rowley couldn't miss!

Ten minutes from the end, Hendy was involved in a collision that led to concussion, but soldiered on for all of two minutes before being led off not knowing where he was! After this St Thomas's revived but IC clung to their guns to finish up 3-1 winners.

Hendy survived the dreaded St John's ambulance man and arrived in the showers. He declined an offer to write the match report, as he was suffering from amnesia! He found it hard to believe he had been booked and refused to believe Haralampous had got a hat trick!

Chris was last seen in the capable hands of his nurse, Jill, who will no doubt jog his memory about the important things in life!

Team: S Veats, D Cook, J Beer, M Kenrick, K Reeve, C Hendy, A Haralampous, I Stevenson, J Rowley, A Hartland and Q Merritt.

IC took the field against Chelsea determined to wipe out their two previous dismal displays. This seemed a likely event as Chelsea had got a single point so far this season! IC's flagging morale was further boosted when Chelsea's captain suggested playing for the points from a previously postponed fixture to make the match worth four points.

The side showed two changes from the regular side, Hendy being moved to full back with third team star Mart Armstrong taking his midfield place and Quent Merritt deputising for superstar Rickard.

The game itself memorable for being forgettable! The result was 6-0. Only two incidents stand out in the match. In the first half the never dependable Reeve produced such a perfectly weighted back pass that the ball, a Chelsea forward and Steve Veats arrived simultaneously at the edge of the box! The result was Veats going for the ball, the forward getting Veats in the rib cage (nothing like Chris Hendy's cage!) and the ball shooting off vaguely goalwards. Kenrick cleaned up the ball while Reeve tried to clear up the pile of arms and legs that once passed for IC's goalkeeper! Fortunately Veats was able to continue, thus saving IC from having their 'reserve' goalkeeper, Reeve, in goal again!

The second incident began in the second half when Haralampous took a throw-in to Dean, who controlled and turned beautifully. On looking up he saw a red streak burning down the centre of the pitch and couldn't help himself from hitting the ball towards it. The ball ricocheted off the 'object' for a very good goal. Just as Dave was claiming it, we noticed a multitude of noise and arm waving from the now decelerating flash and realised that it was, in fact, 'kinky' Kenrick, who had actually achieved his season long ambition to score . . . a goal! This was goal six, the other five coming from Stevenson, Rowley, and Dean.

Team: S Veats, C Hendy, M Curran, M Kenrick, K Reeve, M Armstrong, A Haralampous, I Stevenson, J Rowley, D Dean, Q Merritt.

Gravel at Harlington might well provide a golden opportunity for IC to have a sports centre.

GIVE US OUR SPORTS CENTRE

The rather low, flat topped sports centre in Princes Gardens was originally designed to be a multistorey sports complex. The foundation for this building underly the present building, however, financial restraints at the time of construction prevented the upper stories from being completed.

The college has the resources to complete the complex if it desires. These resources are not held by any financial house but rest three meters below the green turf of Harlington, in the form of some twelve meters of very high grade gravel. Money for old stone? (Just cast your eyes 500m west of Harlington to the very profitable mining operation.) Certainly these gravels were deposited in the underground bank approximately one million years ago and their value has definitely increased.

Exploitation of these gravels would provide the college with more than enough capital to build and equip a sports centre extension.

The college can not be seen to be a profit making organisation, however, a major aggregate producer could be contracted and the college would receive royalties with no capital outlay. The following facts have been verified by economic and mining consultants. The gravel which underlies Harlington sells at £3.50 per tonne. If a contractor was employed to remove it the college may expect 35-60p per tonne royalties. One of the most valuable commodities in Greater London at present is a big hole in the ground. Building and civil engineering firms pay heavy duties to dump their INERT waste close to London. Harlington's position close to inner London, and its proximity to the M4 make it ideal for the dumping of inert refuse and transport of excavated gravels.

The only inconvenience to college and students would be the loss of some pitches (no more than 25% would be out at any one time). However, this effect could be minimised by careful management of the type and position of pitches, IC teams playing more away fixtures (some colleges do not have any pitches and play all their matches away). It is rare that all the Harlington pitches are used simultaneously. Many aggregate contracts possess land for some time after reclamation; if there was the demand for more pitches it would be possible to use this on a temporary basis.

Completion of the work would take three or four years and would raise at least £500,000. As the land is considered to be grade one agricultural land, there would be no problem in returning the land to its original state.

HOW TO VOTE

On Monday and Tuesday you will have a chance to vote; a vote to choose the President, Deputy President, Honorary Secretary and FELIX Editor of your choice.

These four posts are full-time — each holder is entitled to a sabbatical year — and so the holders largely shape the work and role of the Union for twelve months.

These people represent you, not themselves, so I urge you to vote. Hopefully you have met the candidates or listened to them at yesterday's Hustings and hence will be able to vote with first hand knowledge. If not, read their publicity and the manifestoes (printed in this FELIX), but still VOTE! VOTE! VOTE!

Voting will take place between 10:00am and 5:00pm on Monday and Tuesday. There will be ballot boxes all around College (departments, JCR, Union

Southside, Silwood). To vote you will require a valid (ie white) Union card.

Voting is by the single transferable vote system. This means *all votes count*. Your ballot paper will be divided into four sections — one for each post. In each section the candidate of your first preference should be marked with a 1, the candidate of your second choice with a 2, the candidate of your third choice with a 3. If you don't want your vote transferred then only put a 1, and if you only want it transferred once put 1 and 2 only.

In each section you may abstain, by writing ABSTENTION across the candidates' names. You may abstain in one section, some or all sections.

For the election to be valid the threshold is 25% of the membership of the Union eligible to vote.

Roger Stotesbury (Acting FELIX Editor)

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Editor: C R Palmer

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FORTHCOMING EVENTS

RCSA ANNUAL DINNER

on

FRIDAY 14th MARCH

in the

SHERFIELD MAIN DINING ROOM

with speakers

Prof Sir D Barton FRS

Prof E R Laithwaite

Tickets £8 from Rm 303 Sherfield

IC MICROCOMPUTER CLUB

presents

DAVID HEBDITCH

talking on

THE PERSONAL COMPUTER NETWORK

on

TUESDAY 11th MARCH

at

7:00pm.

COFFSOC MEETING
WEDNESDAY 12th MARCH

8:30pm

BEIT 121

AMNESTY INTERNATIONAL

Amnesty International will be having a collection all day Thursday (13th March) on behalf of prisoners of conscience throughout the world and in researching and exposing repressive practices. The value of its work and its political impartiality has been widely recognised (for example by the award of the 1977 Nobel prize for peace). However, AI is in urgent need of money to continue and expand this work.

Please Give Generously.

FOR SALE

AKAI four track stereo reel to reel tape recorder. £80 ono. Apply Room 368 Keogh Hall.

Complete camera system, NIKKORMAT FT2 body (black) with Vivitar series y 200m 35-85mm 2.8 and Tamron adaptall 135mm 2.8 telephot lens, computer flash, gadge bag, etc. £250 ono. Contact J Guidon, Elec Eng 3 or 440-4251.

Raleigh ten speed scorpico racing bike. £70 ono. Contact P Slator, Physics 2.

Two piece Lewis leathers greased cotton motorcycle suit. Medium. Excellent condition. £35. Adam Esberger, Mech Eng 2.

WANTEDS

Is there anyone interested in an eight week holiday this summer in India? Contact Marc Sheppard CCD3 through the post.

Will anyone knowing the whereabouts of the Haldane Library cassette copy of Mike Oldfield's *Incantations*, please contact Tony Pearce, Maths 1, as soon as possible.

WIST

On Wednesday 12th March there will be a film in the ICWA Lounge at 12:30pm. This is a 'Film For Discussion', beginning with a contrast of the images of women as workers, sex symbols and finally marching for liberation. It then shows the process by which one girl begins to question accepted values, the type of work women do, their treatment at work and in the home and the conventional ideas about marriage and relationships. Anyone is welcome to come along.

LET YOUR IDEAS STAND OUT DESIGN AN ICWA SWEATSHIRT!

All entries to be submitted to the ICWA pigeon hole (Union Office) or the ICWA Lounge by 1:00pm on Tuesday 11th March.

President

**CANDIDATE: Barney McCabe
PROPOSER: Steve Tyson**

By now you are probably fed up with articles starting with "By now you are probably fed up with . . .", so I must apologise for the start of this. SORRY. Many people have expressed their concern at my standing for this post. They seem to think that I am somehow not suited to the job. Well, I am telling you now that I have the experience, the enthusiasm, the conviction, the A levels, and everything else which the winning candidate will need if he is to run a successful and fruitful Union next year.

When I say I have the experience I am referring to the fact that for one a half a years now I have sat on the RCSU general committee, gaining a very thorough knowledge of how committees function, and indeed how presidents function.

Both Chris Fox and Mary Attenborough (last year's ICU President) I consider to be

ideal people on whom to model myself, and I have spent many hours delving into what made a truly great President. I have not yet managed to cultivate a beer gut, nor have I managed to cultivate breasts, but I feel that with my dynamic enthusiasm these will come, with time. Indeed what sort of a President is he without something standing out. **I am no exception.**

There you have it: you don't get a chance vote for King, President, Rector, etc, so use this opportunity wisely. Choose the sort of person you want to be up there, representing your views. I am no creep; I say what I believe, and I believe in making people's lives interesting, if not exciting. I don't smell very bad, I don't swear much in front of ladies, and I don't always finish my.

**GIVE ME YOUR VOTE —
YOU HAVE MY HEART.**

**CANDIDATE: John Passmore
PROPOSER: Pat Leggett**

The next two years will be two of the most important years for both the Union and College. The budget will be cut by one million pounds each year for the next three years and facilities like refectories and accommodation must become cost effective. The Union next year will be financed on a per capita basis, but in the following year will return to subvention thus reducing the grant.

So that the Union may maintain its present facilities and equipment, next year's President must be a person who is experienced in Union and College related matters and must have the ability to lead and coordinate the Union so that the facilities are used to the utmost.

I have been involved in ICU since my first year and am at present External Affairs Officer and sit on ULU SCR Executive. I am also active on various committees: Refectories, Overseas Student, Vacation Training and University of London

Accommodation Committee. These show that I have the experience in Union and College matters to do the job effectively. Have I the ability? On External Affairs Committee, I have led, motivated and coordinated the activities of External Affairs to produce motions on many issues, attend conferences and report on them, and to produce an excellent grants paper being studied by Rhodes Boyson. Also, this year has proved to be the best year for many for ICU within ULU.

Next year, I aim to campaign mainly on refectories, welfare (including accommodation) and lecturer training. I will not make rash election promises to become President, but I have the ability and the experience to work for the students of this Union, to maintain its present active status in clubs and societies and academic matters and to set a standard which can be maintained in future years.

John Passmore

**CANDIDATE: Mick Berry
PROPOSER: Mo Misra**

Mick is the Chairman of Imperial College Union General Meetings.

These are some of the impressive reasons why I am proposing Mick Berry for ICU President. He is the candidate best equipped to represent the views expressed by us — the Union members.

**VOTE MICK BERRY —
FOR PRESIDENT, THE ONLY 1**

**Mo Misra
Hon Sec, RCSU**

IC Union is a large body catering for the diverse needs of its members.

CLUBS AND SOCIETIES: The only contact many students ever have with their Union, officers of which, especially sabbaticals, must ensure that those interested are actively involved. My experience as Debating Society Chairman (1978-79) and on many Union committees will be valuable in working with RCC/SCC/ACC/SCAB execs to promote this

involvement.

OVERSEAS STUDENTS: A directly relevant 'external' matter. New IC undergraduates from overseas will have to pay £3,000 (£2,000 in Maths) in fees for 1980-81. As ICU representative on the College Overseas Students Committee, I have knowledge which I hope to use as President in a forceful ICU campaign against these fee increases.

ENTERTAINMENTS: Ents discos could be as successful as the films, given better publicity, while pressure from the ICU Exec could persuade College to allow removable crush barriers in the Great Hall, re-establishing IC as a venue for inexpensive 'big name' standing concerts.

I'm standing for President after two and a half years of involvement at various levels — I ask for your support.

**VOTE: MICK BERRY 1 FOR ICU
PRESIDENT**



President



President



Who is Mick Berry? THE FACTS:

Mick is: a third year Mathematics Undergraduate, an Academic Rep.

have been connec. Union Permanent Working Party

Mick was: Chairman and reviver of Debating Society, Comper of Welfare Day, Chairman of the ICU NUS debate

Mick was, and is, an active member of his CCU, involved in Rag collecting, as initiation Mix 'Chef', Morphy Day, etc, and finally,

Hon. Sec.



— YOU HAVE MY HEART —
GIVE ME YOUR VOTE —

CANDIDATE: Chris Veale PROPOSER: John Kotre

Why should you read this manifesto? Quite simply the answer is that I'm the best candidate for the job, and it's more interesting than the rest of FELIX anyway!

I'm tall, slim, handsome, come from Colchester and have spent the past four years studying in the Physics department at Imperial, where I have a distinguished academic record. Although I've not been seriously involved in the main stream of Union affairs before now I have taken an active role in the running of a number of societies. I have helped start up the Industrial Society and think it is important to foster links between students and industry. As Hon Sec I would try and collaborate with the society to arrange talks on important current affairs, such as the Finniston report. Another society that I have helped form is the Hang-Gliding

Club and would in the future encourage the formation of clubs to cater for new interests.

I think the Union should be more concerned with issues that concern ordinary students, such as refectories, the Bookshop, and accommodation. Over the past year the effective inactivity of the Union in dealing with the problem of the refectories has been quite noticeable. I think that the Union should be more prepared to deal with those issues effectively. The seeming preoccupation of the Union in passing motions unconnected with College life, and absurd in general, is one facet which should be curtailed if more students are to be involved in Union affairs.

"Chris Veale amazes me" — P Davey
"Chris WHO?" — Lord F

Vote for me in the election for Hon Sec

Chris Veale

Hon. Sec.



CANDIDATE: Elizabeth Lindsay PROPOSER: Nab Kalsi

Last year I was elected Honourary Secretary of RCSU and during the year gained enormous experience in the organisation of large scale events and in the everyday affairs of the Union.

This year I am Academic Affairs Officer of RCSU and have succeeded in forming and chairing a very active and worthwhile committee. As RCS AAO I sit on Council and have been elected to act as YOUR representative on:

Refectory Committee
Vacation Training Committee
IC Health Services Committee

I automatically sit on:

Board of Studies
Educational Technology Committee
Lyon Playfair Library Committee

and each staff/student committee within RCS.

Next year issues such as the educational cuts and refectories must be pursued and I intend to back these up with prompt and informative publicity. UGMs must be brought to the students' attention by means of Exec News which I hope will urge more people to participate in Union affairs. Easter 1981 is the date set for the INCOST conference to be hosted by IC Union. This will require a large amount of work, but I am prepared to put in the time needed to make this prestigious event for the College a success.

For a knowledgeable, enthusiastic and experienced Hon Sec you have only one choice.

Vote Liz.

Elizabeth Lindsay

Hon. Sec.



CANDIDATE: Frank James Proposer: Chris Webb

The job of Hon Sec of ICU is essentially apolitical in that the main function of its holder is to ensure that the administration of the Union works as smoothly as possible; the same function, writ large, that a chairman of a major sub-committee performs. Having chaired the Social Club performs. Having chaired the Social Clubs committee (SCC) for the past two years with some efficiency, I feel well able to tackle the job of Hon Sec.

Naturally there is also a policy making side to the job of Hon Sec; but he can do no more than follow Union policy. Therefore there can be no question of an Hon Sec's view predominating against the wishes of the Union; and I, as a democrat, if elected would have no wish to do so.

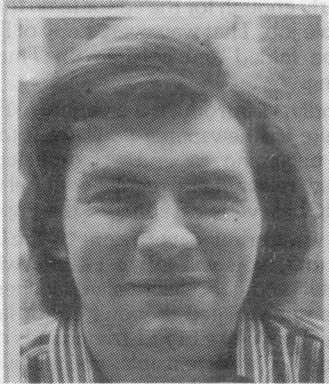
On the issues which certainly face the Union next year there are three of utmost importance which the Hon Sec must deal

with. Firstly Union finance will go through a difficult phase needing sensible handling to ensure that the Union is not adversely affected (my two years on finance committee give me considerable knowledge of the problems involved). Secondly, the Internal Services Committee, if accepted, will require an efficient secretary during its first year of operation to ensure that it settles in as part of the Union structure as smoothly as possible. Thirdly, responsibility of the INCOST conference will ultimately fall to the Hon Sec to ensure its success. I have been connected with all these problems since their initiation and therefore feel I have the necessary knowledge to perform the duties required to reach successful conclusions on these issues.

Finally, no union can be effective in representing its members if it has an inefficient secretary. Therefore for a capable Union vote for me for Hon Sec.

Frank James

Dep. President



CANDIDATE: John Tidy PROPOSER: Nick Griffin

I am a third year Physics undergraduate with a history of Union activity: Rag stunts in my first year, then a society chairmanship, and now Recreational Clubs Committee Chairman with responsibility for over thirty clubs, around £23,000 turnover, and a place on Council — good experience for a DP.

I am standing because having contributed a lot to the Union and gained an understanding of its problems it would be a waste if I were not elected.

I would like to implement the following policies.

The Bookshop should be run as a service, so that you do not pay high prices. It should stock the books you need which could be done by departmental reps holding a survey to find which ones are useful.

The Union should run a shop stocking clothes, sports goods, etc. An inter-university buyers' consortium exists which enables us to purchase from manufacturers cheaply.

We will be changing to per capita funding for next year, providing extra money. I would ensure that our capitation fee is large enough to take advantage of this change.

The Union owns, through RCC and ACC, four vans and two landrovers which currently are a shameful drain on our resources. The answer is to have a Union transport service, with a committee and the ability to do what is needed.

The safety of women, when there are unwanted, uninvited people around is desperately important and I would do all I could to prevent any nasty incidents.

Dep. President



CANDIDATE: Rae Snee PROPOSER: Pete Bamford

The Deputy President's job involves *all* the services affecting students. Besides the hard grind of sitting on or chairing endless committees, the DP must represent our views to College personnel and persuade them to improve their services to us. The DP must be able to organise this job meticulously and above all be able to get on well with people.

Rae, as VP of RCSU last year, and now as Rag Chairman has gained vast administrative and organisational experience at both CCU and ICU level. She is well-known, approachable and has made successful efforts to get maximum support for events, remaining active herself and not becoming a remote bureaucrat.

She has already been a deputy to a President, with experience in officiating at committees and Union meetings. She is organised and reliable and has been a success. We need a good DP and Rae wants the job — she has earned your vote.

Contrary to popular belief, the DP's job isn't just hanging around bars waiting to see if a fight starts — its a diverse and time-consuming job, with responsibilities ranging from overseeing finance to choosing carpets!

I have researched and formed my own opinions on London Student Travel, improving the Southside Shop, possible discount services, security, College/Union communications, finance and the host of other areas of the DP's work. These will be outlined in other publicity, but I must

stress that its your Union, and *your* views that matter — I'd like to hear what you think on these issues, both now and in the future.

In short, I am prepared to do everything I can to see this Union run for the maximum benefit of its students. I have proved myself capable and efficient in my previous jobs — please give me the chance to prove the same in this one.

Rae

Pete Bamford

**VOTING IN ALL DEPARTMENTS
on Monday 10th and Tuesday 11th of
March 10.00am to 5.00pm.**

You will need your union card to vote.

**PRESIDENT DEPUTY PRESIDENT
HON. SECRETARY FELIX EDITOR**

FELIX Editor



FELIX Editor



When Paul asked me to propose him, I didn't need to think about good things to say, more about how to condense all those good things into less than two sides of paper!

Since Paul began drawing cartoons for the Keogh Hall Newsletter, he has

FELIX Editor



Steve, as many of you will already know, has gained a great deal of experience in publications while at College. He joined FELIX on his very first day three years ago and contributed cartoons regularly throughout his first year, during which he began to gain knowledge of all the equipment in the office. At the end of this

CANDIDATE: Lars Wernberg-Møller PROPOSER: Jon Firth

I am proposing Lars because overall he is the only candidate capable of doing the job successfully. The Editor is responsible for the production and printing of FELIX. Only Lars has worked on FELIX throughout the year; he fully understands each stage of the production and can work to a tight schedule.

The Editor must keep people interested and involved and must organise the day-to-day running of the print unit; Lars has been chairman of the FELIX committee and ICU Publicity Officer as well as being on Publications Board and I am sure will do this extremely well. Sitting on ICU Council this year has given him a good view of the Union. I'm sure you'll agree that Lars is the best man for the job.

Jon Firth

Every editor has his own style; mine involves some changes, firstly in the editing of

articles to include only those items which are interesting and informative, allotting space to each on its merits. Copy deadlines will be reintroduced, with enough leeway to encourage people to write for FELIX, but set early enough for the editor to do the best possible job. That way every copy of FELIX can be folded and collated on Thursday evening.

Secondly, I'll introduce the variety to FELIX to make it a newspaper you'll want to read from beginning to end. That includes a concise, relevant and regular editorial which I firmly believe is essential to the paper.

If you want printing work done by the Union print unit, you will know exactly what is available and get reasonable deadlines — if you're not satisfied, it won't be for lack of trying. The future of FELIX depends on the election of a responsible, imaginative and efficient editor and that is what I shall be.

Lars Wernberg-Møller

CANDIDATE: Paul Williams PROPOSER: Harvey Nadin

improved his skills by hard work and dedication, and has now attained the standards that professionals seek.

Paul has the initiative and flair, plus dedication and skill to turn FELIX into an attractive and award-winning paper. After all, by winning the *Daily Express* Student Cartoonist of the Year award he has proved that he has reached the standard to enable FELIX to become the best student newspaper in the country.

To get FELIX to the top, there is only one choice — **PAUL WILLIAMS** for FELIX Editor

Harvey Nadin

I claim that I can make FELIX lively — but, this doesn't mean turning it into a farrago of surrealist graphics which nobody can read. . . I can furnish your Friday lectures with information and humour.

After two years' experience including work on eight different publications I

believe I can judge what is realistically possible with FELIX's resources.

Experience on *Totem* in America last summer taught me how to present news to advantage, and as for light relief — I AM FELIX'S LIGHT RELIEF!

I have proved my stamina for the arduous aspects of editorship by working for one thousand hours to produce the *Drake's Seven* book — like a miniature FELIX, but technically much more difficult to produce.

My handout details my proposals and explains why STOIC interviews the famous, whilst FELIX interviews almost no one . . . why one man with a typewriter and a packet of lettraset can produce the newspaper of UCL with more flair than FELIX with all its phototypesetter and cameras.

Make the cat lively — vote Paul Williams

Paul Williams

CANDIDATE: Steve Marshall PROPOSER: Mark Smith

year he produced a cartoon book.

As a second year he still contributed to FELIX and also took on the editorship of the *Rag Mag* and the *RCS Handbook*. He spent the majority of the summer vacation preparing these publications and also advised *Spanner* and contributed to the *ICU Handbook*.

Undoubtedly his greatest achievement is the resurrection of *The Phoenix* to its former glory. This is the magazine of Imperial College Union, founded in 1886 by H G Wells, which was in danger of extinction until he intervened. You can judge the results for yourself, but as someone who has been actively involved in publications, I must say that this is certainly the most professional and attractive one I have seen.

Steve is willing to be judged on his achievements and can be relied upon to produce an outstanding FELIX. Never

before has there been such an experienced candidate for the post.

Mark Smith

FELIX needs rejuvenating and I believe that I have the necessary knowledge to put it onto the right path.

Under my editorship:

- (a) **More College news would be included.**
- (b) ALL sports results would be published.
- (3) A series of research articles both in and out of College would be started — 'sensitive' areas would not be ignored.
- (d) Active, sometimes controversial, letters page.
- (e) Less typographical errors.
- (f) More attractive layout and design.
- (g) Cartoons, a weekly prize crossword and occasional humorous articles would be included.

**Vote for experience and originality
Steve Marshall**