

INSIDE FELIX THIS WEEK

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Friday, 22nd February, 1980

Issue no. 545

THE NEWSPAPER OF IMPERIAL COLLEGE UNION

Last Monday afternoon, Mark Smith was in the IC honoured Professor Abdus Great Hall to see the lecture Salam, winner of the 1979 he gave to over a thousand Nobel Prize for Physics. students and staff.

“CAN I UNIFY GRAVITY?”

The Professor, who has held the chair of Theoretical Physics at the College since its formation in 1957, was awarded the prize jointly with Professors Sheldon Glashow and Steve Weinberg of Harvard University for their work on the theory of the unified weak and electromagnetic interaction between elementary particles.

The Rector took the chair and at 4:30pm started to address a packed Great Hall. He admitted that he had never seen the hall as full, with people squeezing into all the available space. The audience, which included many of the Professor's past and present colleagues, heard a glowing account of his many achievements, including little known facts concerning his career. For instance, the Rector admitted that he was offered the chair of Theoretical Physics before Salam and had turned it down!

Following his introduction, Professor Salam started his lecture with a summary of the state of unification theory in 1956, when he began his work. He proceeded to explain, in historical order, how he and his contemporaries developed a link between two of the fundamental forces of nature, the weak nuclear and electric forces. Using suitably simple terms he was able to keep the attention of the audience for well over an hour, in what proved to be a brilliant and informative lecture.

Of special note was his warm, humorous presentation; at one point nearing the end of the lecture he turned to the Rector and quipped, “Can I unify gravity? It'll take me ten minutes.” This was greeted with tremendous applause.

Throughout the whole lecture Salam was not satisfied with just presenting present knowledge. He extended the ideas where possible to illustrate points for the future investigation. Indeed, the final ten minutes included much speculation on the possible

results from the bigger particle accelerators now under construction around the world. He introduced concepts which seem very strange, such as supergravity and antigravity, with explanations which were scant enough to promote interest in those young physicists in the audience. He concluded with an optimistic look at the future and received a well-earned and sustained burst of applause from the crowd.

A vote of thanks was proposed by Professor Matthews from Bath University, who was formerly Salam's supervisor during his PhD at Cambridge. He added to the Rector's comments and clearly pointed out Salam's dedication to physics.

The thanks of the students present can best be expressed by their subsequent comments. Many found it ‘inspiring’ as well as informative. The Professor must be

congratulated, not only for his achievements, but also for providing an interesting and entertaining afternoon.

PER CAPITA SYSTEM

Despite the Government's intention to make all students unions funded directly from the University Grants Commission (which is how ICU is currently funded) the finance and executive committees voted last Friday and accepted the principal that ICU should be financed on the per capita system (what all other student unions do), for the one year the Government allows it.

This entails an additional figure being added on to the College tuition fees, which will then be passed onto the Union. Provision will be made for students suffering hardship.



Picture of the annual Pedal Car Race held in Bristol last weekend. Three teams from IC entered: one Mines and two from Guilds. Report on page 14.

LETTERS

Dear Colin

As two of the "infestations" of the Maths Common Room (who have as much right to be there as any other mathematicians) we would like to reply to the letters concerning ICWA in last week's FELIX.

We feel that ICWA does represent the views of women on Council since it holds general meetings regularly (the next being on Tuesday 4th March at 1:00pm in the ICWA Lounge) where relevant topics are discussed and women's opinions noted. Katy Tatchell and Kirsten Pratt are on Council to represent Life Scientists' and Mathematicians' interests, whereas Merche Clark is there specifically to present women's issues. There is also the possibility, in future years, of there being no women at all on Council, except the ICWA President.

The point was raised that women do not have the right to choose whether to be a member of ICWA or not. The same could be said of the CCUs or even ICU. The choice is over whether or not to take an active part, and unlike Opsoc and Ladies Rugby, no particular skills are required to enjoy the company of women. We feel that our integration into College life has been helped by the existence of ICWA, and although many women are able to get on in the College atmosphere, ICWA is present to benefit the minority who cannot.

Yours sincerely
Celia Martin
Lorraine Elston
Maths 3

Dear Colin

There appears to be a misunderstanding around the arguments for the retention of Imperial College Women's Association. Fiona Sinclair (FELIX 544) has said that women "can get on in a minority". I agree, clearly women can

manage. They can get top Union posts and many take full part in social activities organised by many other groups other than ICWA.

The question is not, can we survive without ICWA (as we can probably survive without lots of things, eg ICU!) but does ICWA help or hinder the status, welfare and social life of women (and men). In discussing this question beware of being side-tracked into merely discussing what ICWA does or says at any particular point in time and whether it could have been done better. ICWA is always open to constructive criticism.

Many of the statements going around are gross misrepresentations of the truth. To take only one example: the ICWA newsletter at the start of the year advertised the German Measles campaign organised by the Health Centre, yet Fiona claims ICWA wanted nothing to do with it. This startling piece of deduction is based (I discovered) on somebody somewhere forgetting to take away some leaflets given to them on this subject.

ICWA is an umbrella organisation for any activities that women want to organise. ICWA is presently going through a difficult transition period in that many of the traditional functions it organised, such as the Ball, have ceased to be widely appreciated but not enough people have yet injected new ideas for social activities. Despite this there have, this year, been a very successful Freshers Tea, Christmas Debate and a Bar Night, to say nothing of various smaller events (trips to the theatre and to self defence classes).

Returning to the question, does ICWA help or hinder? Firstly, it is not just because women are a minority that they have some common interests and problems. The problem is

one of society at large. Women are still discriminated against in job opportunities and society still portrays the image of the 'quiet woman at home' or the 'sexy woman about town' or various other stereotypes. It is difficult to find many television series with say the hero a women engineer.

It does help to have an organisation where women can get together on a social level to convince themselves that to be a woman engineer or scientist does not make you any more of a freak than the next engineer or scientist. You can often get the feeling that IC is still only just tolerating women (I need only mention Mines male only freshers' dinners as one example). For women to organise our own social activities does something to tip the balance back in our favour. (By the way, none of ICWA's social events have ever been women only — it is in the ICWA constitution to encourage social intercourse between men and women.)

On the welfare side, the case for ICWA is indisputable. On the issues of ensuring adequate contraceptive advice, abortion facilities, in discussing security against attack at College, ICWA has a clear role which it has always played. Of course individual women can raise these issues, but a particular organisation or individual (eg, ICWA President) is needed whose job it is to look into these issues.

To those who argue that the existence of ICWA hinders the progress of women because we admit to not being able to manage as individuals, I will just ask two questions. Margaret Thatcher is Prime Minister, simultaneously nursery education and facilities are being cut. Has, therefore, an individual woman's success helped or hindered the progress of women as a whole? Secondly, if it is true that the way to solve the problem of stereotyping women's roles

and discrimination in opportunities in this college and society is by ignoring the whole problem, and if women's special needs and problems can be solved without any joint discussion amongst those affected, shouldn't we close down all special interest groups given any particular status by the Union, including the postgraduate group and the overseas students committee? There clearly is a case for the retention of ICWA with its present status — not because without it women are weak but because with it we are stronger. I hope that all women who want to continue the battle to further enhance the status of women at IC will attend the next ICWA general meeting to plan the next stage of the campaign.

Love

Mary Attenborough
Maths PG

Photo by Mickie.



The FELIX Editor taking it easy in St Stephen's Hospital last Tuesday night. (See News In Brief story on facing page.)

Dear Colin

Re Bernard Smith's letter on student grants and education cuts. The grants motion was inferring that London students should get an increased grant in relation to provincial students. This, I believe, is a selfish attitude since we know the government is cutting back on education expenditure and the only way we could get an increase is at the expense of provincial students. Since attempts have been made to single out London University, and in particular Imperial College as a 'special case' it would have further isolated us from the rest of the student population, if

passed. It would have been further evidence, to them, that IC students are self-centred and uninterested in students in general.

We should be concentrating more on the effects of the real cuts in education. Bernard has stated that we are opposing cuts in the 'increases of educational expenditure'. This is a fallacy. Mr John Smith, the College secretary, has said that over the next four years the College grant may drop from £30m to £27m. In no way can this be called a cut in proposed 'increases'.

As far as the means test is concerned, I would be interested

to hear what Bernard is trying to say, his first sentence in the second paragraph makes little sense. I agree that the means test should be abolished and that all students should get increased grants to take account of inflation, but surely at the moment the most important issue must be cuts in education. We must oppose them fully and effectively, otherwise the education system in this country will degenerate rapidly.

Yours sincerely
Andy Nicolaou
EE3

Dear Sir

It is my deepest regret to inform you that my opinion of the weekly Imperial College student newspaper FELIX has been rapidly deteriorating. I discovered very little from the issues of the past six months apart from a few pictures which are designed to provoke sexual excitement. Is this suggesting the existence of a probable room for improvement, or is this a direct reflection of the quality of thinking among the students of a so-called highly recognised academic establishment.

A postgraduate
Physics Dept

NEWS IN BRIEF

FELIX FELLAH FALLS FRACTURING FOOT FIASCO

Thursday 19th February, London:

Today at 12:30pm, FELIX Editor, Colin Palmer, while heroically chasing a police car in search of news, fell and severely fractured (and dislocated) his foot.

After a cursory inspection at the health centre, Colin was rushed by ambulance to St Stephens's hospital. A doctor there rapidly diagnosed the trouble and sent him up to the X-ray unit. (Mild concussion was also suspected, but later discounted when the hospital staff discovered that he always acts that way.)

This first set of X-rays however, puzzled the radiographer and a second set had to be taken. Even then the problem was not solved and a specialist had to be called in. It was at this point that Colin realised to quote: "It's not just a sprained ankle!"

Doctors then decided that the fracture would have to be manipulated and an operating theatre was swiftly made ready. In preparation a local anaesthetic was administered in conjunction with a tourniquet above the knee. All the while, Colin was taking dozens of pictures... selflessly thinking of news for FELIX.

After major surgery had been completed, a few more X-rays were taken for the hospital archives because of the 'unusual' nature of the injury. It turned out that Colin's fracture approximated to a Les Franc fracture, a common discomfiture during the Napoleonic wars, when soldiers frequently had gun carriages ride over their feet.

Colin will have to stay in hospital for 48-72 hours until the swelling has subsided. Then he will be in plaster for between six to eight weeks and will also be on crutches.

(see picture left)

JEZEBEL GOES TO THE PARK

The finish of the Pancake Race did not see the end of the wetness. A heavy overloaded 1916 Dennis fire engine (Jez to her chums) sped to the site of an alleged fire. Bravely ignoring the 'No Unauthorised Entrance' signs, she was brought to rest on the far side of the Serpentine. After a brief hiatus, the fire fighting equipment was run out, the suction hose placed in the 'Serp' and ducks, drakes and rowing boats were soon scattered by salvoes from the newly restored pump. A crowd gathered and the police kept their distance seemingly in silent admiration.

It was only as things were being packed up that a representative of 'the establishment' stopped by, saying it was OK by him but please ask next time.

There was also a false alarm in the vicinity of The Queens. Later that day a fire engine called by to investigate.



This photo by Steve Groves was taken last Saturday, outside Harrods, on the RCSU rag event. A report appears on page 4 but, we can add that about £140 was raised.

OVERSEAS STUDENTS WEEK

A voluntary service overseas on Monday night followed by a discussion heralded the start of Overseas Student Week at Imperial. The debate on Tuesday about the motion "This House believes that Western nations hinder the progress of the developing nations" was attended by NUS President, Trevor Phillips, who spoke for the motion, and was opposed by Martin Stevens, Conservative MP for Fulham. The motion was carried, but without speeches from the floor due to lack of time.

Both of these events and the International Fair on Wednesday in the JCR were organised by the

Overseas Students Committee, as is the International Evening which is to be held in the JCR tonight.

INTERNATIONAL FAIR

The International Fair was organised as part of International Week by the Overseas Students Committee. There were many stalls around the JCR on Wednesday afternoon, most of which had colourful displays, and books and leaflets available. The majority of the overseas societies present supplied regional food and drinks.

There were two films on Greece and one on Dakar, Senegal. And there was also folk-dancing.

Several other societies, mostly religious, also supported this event. There was also a VSO (Voluntary Service Overseas) stall, and a collection for WUS scholarship.

This event was not as well attended as it should have been considering the effort these societies had put in.

FALSE ALARM

A false alarm at the College branch of the National Westminster bank on Tuesday brought police rushing to College thinking there was a hold-up. According to the police, the alarm, which is triggered if there is an attempted hold-up; was set off by a short-circuit in the GPO line connecting the alarm at the bank to the police station.

FARE INCREASES

The fares on the coaches to and from Harlington are being raised to £1.00 (an increase of 40p) from the start of the next session. This was decided by the Athletic Clubs Committee, with agreement from the clubs, in the preparation for next year's estimates.

NURSERY EDUCATION?

Various parts of universities are being given the evil eye as part of the cuts, and university nurseries and creches have not escaped.

Previous University Grants Committee (UGC) policy recommended that universities should not subsidise creches or nurseries for students and staff with young children with money from public funds. A directive from the UGC to all universities now alters this recommendation to an instruction, with 1st August 1980 as a cut-off date at the latest. Yet only in January, UGC Chairman, Dr Edward Parkes, defended university autonomy and told MPs that the UGC "bends over backwards" not to instruct universities how to spend their money. Of course, not all the money a university receives is from public funds. And some of a nursery's costs are covered by fees. But many universities will be affected by this directive, whilst probably not saving much money from it. Birmingham, for one, is expecting to close down its nursery, making a saving of about £5,000 out of a total annual income of over £66 million.

In most universities this directive will affect both students and staff alike and women in particular, meaning that they are left with two options: not to come (back) to university or to find some other, almost certainly much less convenient, nursery facility. Some fear in many cases the decision will be the former.

BOLLARDS AND PAVING STONES

The repairing and construction works beside Southside are nearing completion. The work, which started just over a month ago, involves putting a dozen concrete bollards and three wooden benches along the edge of the pavement by Prince's Gardens. One of the reasons for putting in the bollards is to prevent cars from parking on the pavement, which not only cause inconvenience but also cracks the paving stones — a number of which the College workman have had to replace in the past due to cars parking on them.

THEFT FROM LADIES' CHANGING ROOMS

On Thursday last week, two youths were seen in the ladies' changing rooms in the Union Building. When disturbed by a member of the Ladies' Boat Club, the two escaped across the Quad without being caught. It was later found that a small amount of money had been taken from someone's pockets, but it is thought that they had not been given sufficient time to take more than this.



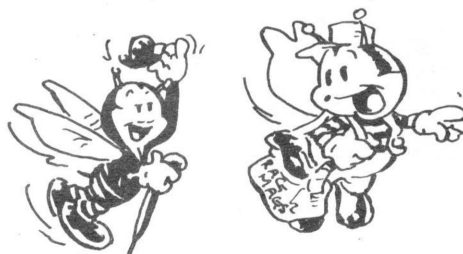
Andy Smith, Secretary of the RCS Motor Club, holds the nozzle during the first public showing of the capabilities of Jez, now restored to 100% working order and ready for action.

photo by Steve Groves

Lots of people have already announced their intention of taking part in the Great Imperial Rag Mag Selling Competition next weekend from Friday 29th February to Sunday 2nd March and hopefully there will be lots more. The basic idea is to go somewhere for the weekend, either on your own or in teams of up to four people, and sell as many Rag Mags as possible. There are prizes for travelling the furthest, selling the most Rag Mags, travelling in the most original manner and selling the most Rag Mags per hour. Remember you have to sell at least a hundred to qualify, and the time limits are from Friday lunchtime to Sunday evening when the bell rings in the Union Bar. Entries must be in to Rae Snee, via your VP or Soc Rep, by Monday 25th February. More detailed rules are in last week's FELIX or available from your soc reps.



The Great Imperial Rag Race



OK everyone, you can stop worrying about how bored you'll be on 8th March, because you're all invited to . . . yes, a jelly and ice cream party! About fifty deaf children and various TV celebrities are coming along for a Toss-the-Caber competition in Prince's Gardens, which will be followed by tea in Southside, so if you like children and silly games this is an event specially for you. It is a good chance to meet some of the children who will be receiving the phonic hearing aids which we've been collecting for this year, and the more people there the better so come along if you want a good Saturday afternoon.

RCS

As you all noticed in last week's *Broadsheet*, it's now RCS election time (the papers come down tomorrow if you want to stand). Next Thursday 28th February candidates for the President, Vice President, Honorary Secretary, HJT and Academic Affairs Officer are required to speak on why they want to be elected and how they intend to run your Union. This Hustings Union General Meeting is extremely important and since these people will directly influence your life in the Royal College of Science I would advise you strongly to come to Physics Lecture Theatre 1 at 12:45pm. The voting takes place on Monday 3rd March by paper ballot using the single transferable vote system.

Onto the subject of Rag and the Valentines Rag Stunt managed to attract fifteen people, two of whom were too tired to collect anything at all, but still staggered down to Harrods clutching a virgin rag can to lend moral support to the rest of us. You may laugh, but at least they made some effort whilst everyone wallowed in the romantic alcoholic warmth left from the Valentines Party which had been organised for you by some of the people on the Rag Stunt. Let's see a bit more involvement, even if it's only a morning standing outside Harrods with a rag can.

Anyway, Imperial College Rag has adopted an RCS idea to sell Rag Mags. There is doubtless an article on the Great Imperial Rag Race somewhere else in the paper, but I'd just like to reiterate that it is open to every one of you.

If you're going away next weekend see Rachel Snee, or ring int 4255 and put your name down for the race. Take a pile of Rag Mags away and sell them. There are prizes for the most Rag Mags sold, the most sold per hour, the farthest distance travelled from IC and the most unusual method of travel. Let's bring all these prizes to RCS and make sure the Rag Mag makes a profit for the deaf children.

MINES

We fed Camborne and we fed Camborne . . . What a fantastic weekend. That will go down in the annals of history as one of the most successful and enjoyable weekends the RSM has ever had. Many many thanks must go to Pete 'Do you want to play on my piano?' Newman who organised with supreme efficiency the best of a hundred not so sober miners, without losing any. (A write-up of the weekend appears somewhere else in this issue of FELIX.)

By the time of printing some definite course will be taken over the future of freshers' dinners. Depending on the results from the Gen Comm last Tuesday I will propose some sort of change.

This Sunday sees the RSM Soccer Sixes. Anybody who wishes to enter a team must see Steve Hinde or Dave Everett (Min Geol 3 or Min 2 respectively). **TODAY** should prove to be another excellent day out at Harlington.

We are coming to the time of year when we have to dig out our webbed feet and hands for the Swimming Gala on 3rd March. The prize for this is a large beautiful shield which can be seen in the ICU Office. This year, with the help of you budding swimmers, it will hopefully return to its rightful owners — the RSM.

Now as your representative on the Bookshop Committee, I ought to tell you what RSM paraphernalia there is for you to buy: hand painted wall shields £5; RSM cufflinks £1.34; stickpins 25p; blazer buttons, large 5p, small 4p; blazer embroidered badges £8.12; RSM full colours ties (silk) £3.22; RSM half colours ties (silk) £3.22; RSM squares £1.91; RSM full colours squares £1.91; RSM sports ribbon (for wrapping around boaters!) 19p a yard.

Now if anyone wants to buy any of the above — you must produce your union card.

Well boys, many thanks for the support last weekend.

Cheers

Bernie

PS: IMMINENT. Nottingham 6s and 7s

on March 1st. Coaches leave 9:30am. Supporters most welcome.

Question: What's the difference between an African elephant and Cuthbert?!

CITY AND GUILDS

Publicity Officers Log Guildsdate 80.02.

A quick review of what has happened during the last week. Last Friday the Valentines Party was a great success with the JCR being packed to capacity with everybody celebrating the day in the appropriate manner. The Pedal car Race on the same day was also quite fun. Many congratulations to the ladies' team for winning the ladies competition and also to everybody who turned up to help. This week saw the Field Cup with many pints being drunk, I still want to know if anybody got a plastic inflatable person.

The results are as follows:

- 1st: Team W — ARBS 1st team with 213.2 points/head.
- 2nd: Team C — Barry's Boot Boys with 204.7 points/head.
- 3rd: Team R — Harry's Hermits with 194.8 points/head.

The cup will be presented at the Guilds Election UGM on 11th March.

The events coming up are:

Sunday 24th February THE GUILDS SOCCER SIXES. There is still time to get teams in to Giles Brereton in the Union Office or ME3. The coaches for the teams and supporters will leave Beit Arch at 10:30am.

Monday 25th February the election papers go up on the Guilds noticeboard. The job descriptions have been published in *Guildsheet*. But you can still come and see us in the Office if you are considering standing. The papers will come down at 5:30pm on Friday 29th.

If you are considering standing for Publicity Officer remember that you will have to write an article like this for FELIX every week.

Cheers

Bryan

OUTLINE OF THE REPORT OF THE COMMITTEE OF INQUIRY INTO THE ENGINEERING PROFESSION

Purpose: To review the requirements of British Industry for engineers (profession and technical) and the satisfaction of those needs; utilization of engineers; the role of engineering institutions — and the usefulness of registration for engineers.

Investigation of British Industry, Engineering, and National Economic Needs.

The report notes the following problems (among others): many disappearing industries, increasing import/export ratio, decreasing share in world trade, low corporate profits, and a corporate tendency to neglect exploring markets before production. **Conclusion:** engineers and engineering (the "engineering dimension") must be better developed and utilized by industry in order to become more competitive with high-quality, high value-added goods.

Engineering Dimension Analysis

1. Engineers lack the status and recognition afforded them in other countries; low salaries and poor career prospects accompany the problem.
2. Corporations are reluctant or unable to devote much money to developing new technologies necessary for competition (ie a starved engineering dimension).
3. Firms do not utilise engineers talents fully: most aren't advanced into upper management, lack of recognition for successes and failures, innovation not encouraged.
4. The engineers dimension must include market analysis and interaction; it is not detached from sales.
5. Supply of engineers is probably less than demand; shortage of technicians (engineers deployed as technicians); severe shortage of the well-qualified.

The main recommendations are:

1. There should be an Engineering Authority, set up by statute and funded by Government. It would have about twenty members, most of them being engineers, and would promote and strengthen engineering within the British industry and economy. The present Engineers' Registration Board would be abolished and engineers would be registered through the Authority.
2. Registration would be voluntary but, hopefully, industry will take the lead by making it, "in effect, a licence to practice". A new code of practice would be drawn up, a breach of which may lead to deregistration.
3. There should be a three route course (to combat status problems and the previously mentioned problems; introduces training with a "synthesis of technical, human, and financial consideration" and the development of wider skills).

The totally new three-tier structure would be introduced based on academic courses but but requiring a programme of structure postgraduate training and experience. The three tiers of registration are:

1. **Registered Engineer (Diploma) R Eng (Dip)**
A four year undergraduate course leading to M Eng followed by two years in industry gaining experience. For top 25% of engineers, (those showing "early potential for leadership in the development of advanced technology or in the management of engineering operations").

2. **Registered Engineers R Eng**
A three to three and a half year undergraduate course based on B Eng degree with appropriate postgraduate training and experience lasting two years. This course is slightly more basic and geared more towards preparation for mainstream engineering work.

3. **Registered Engineer (Associate) R Eng (Assoc)**

This would be mainly part-time and sandwich, with HED sandwich and structured working experience leading to registration in five years.

This would be for supportive roles in industry. The whole system would have many opportunities for transfer and present engineers would be registered in relation to the structure. There is a proposal for an extra £250 incentive grant per year for B Eng/M Eng students.

4. Regional centres funded by the Engineering Authority should be set up to promote training. Engineers should have a statutory right to paid leave for study.

5. The Authority should initiate a programme to promote the importance of engineers in industry especially aimed at employers. Employers should review career and salary structures to improve incentives and should support the training of young graduates. There should be more exchanges between engineers in industry and engineering teachers in order that engineers can impart more knowledge to the students and that teachers can keep up to date with developments in industry.

6. Schools should keep options open as long as possible so that more students may be encouraged to enter engineering; mathematics and physics should be taught to the age of sixteen or later. More careers information should be provided to encourage students to go into engineering.

Overall, the Report emphasises that British Industry is declining and in order to regain a position in the international market, better quality goods, particularly manufacturing goods, must be produced. This can only occur if more engineers are produced. The future engineer should have a commitment to innovation and production and should have a greater social standing. The quality of engineers and engineering teachers should be improved in industry, and there should be greater access to research and a greater implementation of ideas and new developments.

Rick Woldenberg, John Passmore, Roger Stotesbury.

AEW Nimrod

Come and hear

the inside story

Marconi Avionics, in South Hertfordshire, can open your eyes to technologies you've probably only theorised about. By joining us you'd become personally responsible for a key task on the Airborne Early Warning Nimrod or one of our other high technology projects.

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These projects, and the challenges and rewards that are a part of them, will be the subjects of the informal meeting we'll be holding at your College on the 26th and 27th February (details at your careers office).

We'll present you with the full facts and there will be plenty of opportunity for you to put forward any questions you care to ask. In fact, you'll hear everything you need to know about joining us.

We hope to see you, but if you can't make it, please contact Sheila Milbank, Marconi Avionics Limited, Elstree Way, Borehamwood, Herts, WD6 1RX. Telephone 01-953 2030 extn 3230 during office hours or 01-207 3455 at weekends.

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WHAT'S ON

FRIDAY 22nd FEBRUARY

IC CHRISTIAN UNION meet at 6:30pm in the Music Room, 53 Prince's Gate.
ENTS CONCERT: BERLIN and support at 7:30pm in the Concert Hall. Tickets only £1.
ENTS DISCO Union Lower Lounge 8:00pm. Only 20p.

MONDAY 25th FEBRUARY

EXPLORATION SOCIETY INFORMAL MEETING at 12:30pm in Southside Upper Lounge.
EXTERNAL AFFAIRS OPEN MEETING to discuss the future of ICU with/without NUS at 12:45pm in Union. (Committee please note: There will be a quick meeting at 12:30pm prompt prior to the open meeting.)
COMMUNIST SOCIETY DISCUSSION on the Labour Party at 6:30pm in the ICWA Lounge.
FOLK CLUB PRESENT: LES BARKER AND MRS ACKROYD at 8:00pm in the Lower Refectory.

TUESDAY 26th FEBRUARY

PHOTSOC SHOP in the Old Darkroom between 12:30 and 1:30.
MECH ENG SOC TALK on *Manufacture of High Speed Trains* by Barry Cook of BR Engineering at 1:00pm in Mech Eng 542.
STOIC TRANSMISSION WITH MAGNUS PUKE at 1:00pm.
RIDING CLUB meet between 1:00pm and 2:00pm in Room 1110 (level 11) Elec Eng.
RAILWAY SOCIETY MEETING in Maths 340 at 5:40pm. Mr M Hanscomb will be speaking on *Western Region Signalling*.

RESULTS OF ICWA QUESTIONNAIRE

As a result of the last ICWA general meeting a questionnaire was given to all women in college and 201 replies were received. 118 of these women felt they got enough entertainment at college although only 60 took part in any CCU activities. The only reason given for not participating was that CCU activities were childish and aimed at males. Over half of the replies were received from women not in college accommodation and 18 of these said they felt the need of extra contact with other women.

60 women had previously attended ICWA functions and of those who had not the majority cited lack of publicity, money or time as their reason for not attending.

Bad publicity for ICWA functions and amenities does appear to be a considerable problem; 28 women did not know where the ICWA lounge is situated and 130 women were unaware of all the amenities available to them e.g. coffee, newspapers, typewriter.

83 women said they would be willing to participate in new ICWA events like theatre trips, courses, squash ladders if they were organised and 43 women said they would be willing to help organise.

ASSOCIATED STUDIES PRESENT:

Christianity and the New Africa with Dr John Newton, Superintendent of the West London Mission in the Read Theatre at 1:30pm. (Arranged by IC Methodist Soc.)
MET AND MAT SCI SOC LECTURE at 6:00pm in Mines G20. The Rev R Lancaster talking about fireworks.
PARACHUTING COURSE INTRODUCTION TALK at 6:00pm in Elec Eng 403a.
PHOTSOC LECTURE at 7:30pm in Sheffield SCR on *Using Electronic Flash* by W H Chadwick with a practical demonstration with two models. Bring your camera.
MICROCOMPUTER CLUB presents a talk about FORTH by the owner in Maths 140 at 7:00pm.

WEDNESDAY 27th FEBRUARY

EXPLORATION SOCIETY FILM *LIVE ON FOREVER - OZE PARK* at 6:00pm in Biochem 302.
PUB HUNT at 7:00pm. Meet Stan's Bar.
MICROCOMPUTER CLUB OPEN DAY from 12:45pm to 3:00pm.

THURSDAY 28th FEBRUARY

STOIC TRANSMISSION at 1:00pm and 6:00pm. Includes *News-Break*.
MOPSOC LECTURE with DR A L Hodson (Univ of Leeds) on *Cosmic Ray Air Showers - the key to free quarks?*
GLIDING CLUB MEETING at 5:30pm in Aero 254.
GEOPHYSICAL SOCIETY present a lecture by Dr J W Norman, Photogeology Dep IC on *Straight And Impact Tectonics In Our Solar System* at 5:45pm (tea at 5:30pm).
ENTS FILM: *American Graffiti* in Maths 312 at 6:30pm. Entrance 30p.

FRIDAY 29th FEBRUARY

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

SUNDAY 2nd MARCH

MARCH OF THE SLOBS featuring Charlie Parka and starring Albetos Y Los Paranoias and the Smirks at 7:30pm in the Great Hall. Tickets £1.75 (£1.25 in advance) and SU cards are required. Tickets available now from Ents Room, and RCS and Guilds Offices.

TUESDAY 4th MARCH

AUDIO SOC MEETING with a talk on digital recording techniques by Angus MacKenzie.

FORTHCOMING EVENTS

Monday 3rd March
FINNISTON AND
THE FUTURE
2pm and 6pm
Mech. Eng. 220
See next week for
full details and Page 5
for synopsis of report.

FRIDAY 14th MARCH
IC CHOIR CONCERT
KENSINGTON NEW TOWN HALL
8:00pm
Tickets from Union Office

There was a great deal of confusion over the difference between WIST (a feminist group) and ICWA with 103 women not aware of the difference. In a space left for additional comments replies included 'uses ICWA to express feminist views', 'ICWA is a form of sexual discrimination and does little to further the cause of women at IC', 'Now that women are allowed in bars there is no need for a women's lounge.'

Also 'Disband ICWA and incorporate WIST with GAYSOC. Stop wasting paper and my time', 'Some of the women presently involved in ICWA are obsessed with men being dominant', 'men-hating sexist organisation'.

The most obvious results from the anti-ICWA comments showed women were unaware of the meaning of feminism and a desire to prevent any feminists taking an active position in ICWA.

Amongst the comments in favour of ICWA there were 'women at IC are oppressed', 'I do think ICWA is a valuable institution', 'I feel it serves a purpose', 'There is a need for such a non-feminist women's group in such a male dominated college', 'I'd like to see ICWA propitiated in college. I wasn't aware of the amenities available in the

ICWA lounge but shall henceforth endeavour to take advantage of them', 'It maybe another superfluous society but why not have such a nice superfluous society'.

Taking the comments as a whole 60 women were generally in favour of the continuation of ICWA, 50 were against and the remainder did not express any opinion. Can the needs of these 60 women be ignored?

Debbie James

FELIX acting Editor writes;
The interpretation of the replies to the questionnaire was 'hotly' disputed at the last Union General Meeting.

From the pages of FELIX
23/2/66.

ROGER CHAPPELL, vice-captain of the IC Rugby club, was elected Mr. ICWA for 66/67 at the ICWA party last week.
The competition for the post had been intense. In his canvassing Richard Jackson even went to the extent of sending Valentine cards to all the members of the ICWA corridor in Beit Hall.
The party was, however, marred by the irresponsible behaviour of a number of 'gentlemen' attracted by the free beer on tap. Many seemed to be celebrating the IC Rugby team's victory to get to the final of the Gutteridge Cup.
ICWA President had some difficulty in controlling the mob, with little assistance from the student officers present.

I WAS THERE CHRIS FOX — 1980

So there I was and in he walked. I was surprised to find that Ted Heath looked just like he does in his photographs, only he was shorter than expected.

After the usual preliminaries, I handed over the 1,750+ student signatures and the 273 staff ones (which particularly impressed him). I then told how the present Government's policy on overseas students would:

(a) Affect Imperial College — The reduction in number of overseas students, the massive reduction in the College grant, and the potential loss in expertise, eg, Abdus Salam (a signatory of the petition) was an overseas student.

(b) Affect The Country — The general effects and the fact that overseas students don't cost as much as the Government says.

(c) Affect The Overseas Students — The WUS report which shows how the distribution of applications has changed, the Third World being reduced greatly.

In reply the Right Hon E Heath OBE MP said that he agreed with me, that the Government was 'short sighted' on this issue, that other backbench Conservative MPs agreed with him and he thought that they might be able to make some changes in the proposed legislation. He concluded by saying that the petition (the first he had received) was a good way of getting things started.

What happened may or may not significantly change the course of history, but of all the protests, etc, we have organised I feel it must rank as one of the most successful.

Phil Cole and the other members of the Cuts Committee along with External Affairs will be organising a conference of various bodies involved in education, which will be discussing the more broad aspects of the cuts. The provisional date for this is 15th March.

SURVEY ON ACCOMMODATION

You lucky 10% will have received your questionnaire from Michael Arthur, if you've not filled it in please do so as the info from this is needed vitally. Fill it in and hand it in!

As you may be aware there is a motion being proposed at a UGM next Tuesday calling for a referendum on NUS Affiliation. Please do make every effort to come to the meeting and hear me speak against it.

So there I was, couldn't see the match, but the scoreboard . . . and I was there.

Chris

NOT JUST A SEC?

Next week is packed with dates for your diary:

COUNCIL

On Monday night the Rector, Lord Flowers, is our guest at the Council Meeting. This is a customary arrangement which gives members a chance to put their views to him. As always anyone may observe. It begins at 6:00pm in the SCR.

EGM

There are five motions tabled for the EGM on Tuesday. These will be printed on a couple of sheets of A4 and circulated around College on Friday and Monday. The motions are: Police and Dossers; Olympic Games; Lecturing Standards; NUS Referendum; University Nurseries.

REFECTORIES

Following the open letter to Dr R C Schroter (published in FELIX last week) the Union refectory reps have been invited to speak to him on Tuesday at 3:30pm.

FINNISTON

Sir Monty Finniston will speak at College on Monday 3rd March at 2:00pm in Mech Eng 220. Later the same day, at 6:00pm, there will be an open discussion on the educational aspects of the report.

ELECTIONS

1. SABBATICALS

Papers for the posts of President, Secretary, Deputy President and FELIX Editor will remain up in the Lower Lounge for one more week.

2. DEPARTMENTAL REPS

It is now time to elect successors to your departmental representatives. Papers will be going up on Monday morning in your department for fourteen College days. If you wish to stand, and let me say it is a most worthwhile job, please see the present holder of the post and read the following job description.

DEPARTMENTAL REPRESENTATIVE

1. A departmental representative primarily exists to represent the views of the student members of the department.

2. To ensure democratic elections of Academic and Social Reps, following AAC recommendation, for each year in the department and to liaise with the Postgraduate Affairs Officer over election of postgraduate departmental rep.

3. To take an interest in all areas of concern to students in the department, most particularly those concerning the academic, social and tutoring arrangements for that department and to coordinate the writing of the department's Alternative Prospectus entry.

4. To coordinate the academic and social representatives holding regular open meetings, publicised whenever possible, with both groups in order to better understand the academic problems and social needs of the department.

5. To organise the student side of the staff student committee. To ensure that all problems relevant to that committee are discussed thereon. To take matters not necessarily the concern of the staff student committee up directly with whatever other person or body may be concerned. To make certain minutes are posted within the department and one SSC is held a term.

6. To attempt to ensure proper study facilities and social facilities in the department.

7. To attempt to stimulate interest in the department in all academic and social matters and questions of a wider educational matter.

8. To sit on ICU Council, taking an interest in all areas of concern to the Union and students at

PROWLER SEEN AGAIN

The rape alarm in the Union ladies' toilets was set off at 5:30 last Wednesday by a woman who had been disturbed by a man with a similar description to the prowler seen here in previous years. The police were called in, but arrived too late to catch him.

His description is negro, about six foot five, very broad, short hair, aged between twenty-five and thirty.

Anyone seeing anyone of this appearance should contact me or someone else in the Union Office (or in the evenings someone working in the Bar) IMMEDIATELY.

Malcolm Brain

Imperial and may, as a Council member, sit on various committees to represent ICU.

9. To communicate campaign policies and elections of ICU and the respective CCU to departmental members.

10. To sit on the Academic Affairs Committees of ICU and their CCU. To sit on general committees of their respective CCU. To sit on Engineering Board, if representing a Guilds department. Should attend Union General Meetings.

11. To take an active part in the introduction of students to IC and their departments.

12. To take an active part in the interviewing system of prospective students.

3. OFFICERS

The officers of the Union for next year are elected at the Results UGM, on Thursday 13th March. If you wish to stand for UGM Chairman, Academic Affairs Officer, External Affairs Officer, Welfare Officer, Community Action Group Chairman, Rag Chairman or ULU Representative do come and see me for a job description. And also see the present holder of the post. Papers go up on Thursday 28th February, and remain up for eight days.

4. Two resignations mean we have two posts vacant. If you wish to be Welfare Officer or Community Action Group Chairman put your name up on the noticeboard. Papers come down on Monday 3rd March.

BALLOT BOXES

We need people to man the ballot boxes on Monday 10th and Tuesday 11th March (the dates of the College-wide sabbatical elections). You will be paid £1.00 an hour. See Jen, the Union Administrator, to put your name down.

RECIPROCAL ARRANGEMENTS

We have two new arrangements. One with the New University of Ulster and the other with Tufts in London (41-42 Stanhope Gardens). Tufts University is an institution based in Boston which runs a programme in London for its third year undergraduates. They have about forty male and female students here at any one time. They will now be able to join in our College life, if they wish.

FINALLY

Thanks go to the Chinese Society for a lovely evening to celebrate their new year and Abdus Salam for giving us the best lecture I have ever seen.

Roger Stotesbury

EGM

THIS TUESDAY 1PM GREAT HALL
TO DISCUSS BUSINESS LEFT OVER FROM THE LAST MEETING AND A MOTION PROPOSING A REFERENDUM ON NUS AFFILIATION.

CAMBORNE FEBRUARY 1980

On the morning of Friday 15th February, ninety-seven Miners congregated in the front entrance of Mines for the biannual trip down to Camborne. Amidst the expressions, were the solemn worried look of the players to the exuberant cheerful look of the supporters. The coaches departed at 10:00am, one to the familiar sound of Swan cans opening, the other to the quietness of Steve Gatley's Poker Ring. Three stops were endured on the eight hour journey and at one in particular, Messrs Pryor and Fletcher 'commandeered' two female hitchhikers to accompany the supporters coach, much to the chagrin of the players, and Mr Hofmeyr in particular.

Arrival in Camborne at 6:00pm, realised the ineptitude of the Camborne School of Mines organisational capabilities. After checking in at the many hotels dotted around Camborne, a few of us trooped off to the well-endowed leisure centre to watch the badminton, squash and table tennis tournaments. Following an eight hour coach journey, none of our players felt fighting fit, but nevertheless put up a great performance. Their badminton team ran ours to a close second (5-0), while the table tennis, under the leadership of General Julian 'Broken Finger' Norley, crushed their opponents 8-2. The squash was a close run affair with Camborne pipping us at the post 3-2, even though we won first and second places with love games through Dirk 'Bogart' Remijne and Ian Stevenson. We all then retired to the Tyacks Hotel where there was a disco with an accompanying sign 'No Dancing Allowed! Many hours later we all retired, looking forward to beating Camborne on the morrow; little did we know!

Saturday dawned, bright and sunny, a vast difference from the corresponding time two years previously. Camborne then informed us that the football would be at 10:30am instead of hockey and the hockey would then be on an all weather pitch. Thus there was a mad scramble to find training shoes.

Camborne being one of the most important football matches of the season, meant that the Mines first team had to stay in their hotel on the Friday night previous to the match. This was just as well since the bar didn't close until 1:00pm, and most people drank too much.

Morning came with us finding that Camborne played on what resembled a pile of manure. Both sides found it very difficult to play on six inches of mud, especially since the ball didn't bounce or roll. The wings had quite firm ground with grass on, and consequently most attacks came from this direction.

Mines went ahead through Tom Hanke straight after the kick-off, with Camborne equalising a few minutes later. From then until the second half the Camborne goal came under constant pressure. Ian Stevenson put us 2-1 up with a tremendous left foot drive from twenty yards out to the bottom left-hand post. Later Sukri Yahya made it 3-1 with some neat footwork in the penalty area. Camborne then had another attack, where in a puddle; the Camborne player and Stewart Briggs fell over each other, with a penalty the decision. That made it 3-2. Until half-time the Camborne keeper made some good saves to keep the score down.

The second half started with Mines under pressure for five minutes, which then broke with a good move down the left wing with Tom Hanke slotting in our fourth goal. Sukri made it 5-2 with an 'Ardiles' opportunists goal from outside the box. Later our keeper Mick Redwood brilliantly saved a penalty at the foot

of the post. Tom's hat-trick goal came from an impossible angle on the by-line after a good chasing run.

In the last few minutes a rare Camborne attack, due to our full-back being injured, gave them a consolation goal to make the final score 6-3.

Most of the play was in midfield where the ball was being dug out of the pitch. This brought down the standard of both teams, though on good ground it would have been too easy for us.

The keen second team players that filled the gaps, Iain House and Stewart Briggs, and also Ian Stevenson from IC fitted in very well with Ian and Tom competing for man-of-the-match.

The game was really made by the many supporters who raised the standard of both teams on a difficult surface.

The hockey started immediately afterwards, and with plenty of support from the touchlines, RSM soon took the lead. With Generals Steve Gatley and Ian Crowe in midfield, RSM never lost control of the game. Myself not being an expert at hockey, I could not detail amongst the swinging sticks, who in fact were the scorers. We won comfortably 4-1 and congratulations go to Mike Langley who survived the match without a cigarette.



We now had one hour until the start of the Bottle Match. This was plenty of time to stock up on the food and alcoholic stakes. The Bottle, which stands behind the Union Bar, has been played for between RSM and CSM since 1945, although this contest originally started in the 1920s.

The rivalry between the only two School of Mines in the country is intense and most of the prestige of the weekend and of the successive year lies in the winning of the Bottle.

Kick-off was due at 3:00pm. Westward Television were there and so was our resident reporter in Cornwall; Colin 'Cheers' Palmer. The two teams came onto the field to an enormous roar from the 300+ crowd. RSM immediately took control and after fifteen minutes, Bryan Mecklenbergh charged down a kick, fell on the ball and scored. Five minutes later, RSM won a scrum on their ten yard line, Dave Rhodes received the ball, and proceeded to make one of the most incredible breaks I've ever seen in a rugby match. After sidestepping six men, he passed to Andy Lewis who tripped and dived a full ten yards over the line in the corner. The game remained in the Camborne half with constant pressure from the RSM forwards and with beautiful probing kicks from Dave Rhodes. The next try came from a scrum on the twenty-five. By making use of a well-rehearsed move in the centres, Paul Atherley on the left wing had an overlap and scored; Keith Maynard converted. At half-time RSM were 14-0 in the lead. Immediately after the turn around, Maynard added a penalty and a short while later added a second (20-0). But in the true style of the Bottle match, Camborne did not give up and they did apply short bursts of pressure in the middle of the half. With time virtually gone, RSM launched an assault on the Camborne line. After one disallowed try, Dave Hofmeyr started to find a lot of room at the base of the scrum and eventually finished off a lovely move which was handled by many of the team. The final score stood at 24-0, the highest ever margin; the previous highest being 20-8 in 1938!

Following a rather disorganised supper in the evening we duly celebrated in the bar, to pour onto the coaches at 12:30 and arrive bleary-eyed at South Kensington at 7:30am.

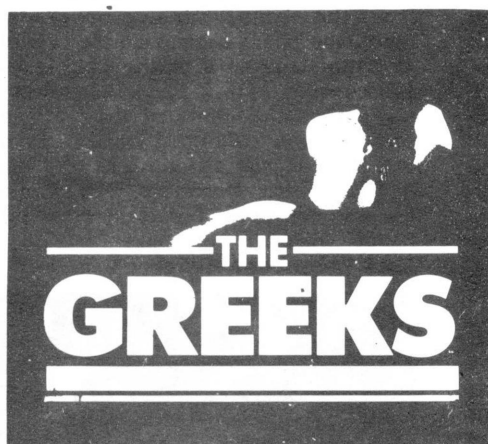
I would like to thank all the players for their wonderful team efforts and thank all the supporters for the magnificent encouragement they gave to all teams.

Thanks

Bernard Pryor

With football report by Steve Hinde.





Adapted from Euripides and other classical authors by John Barton and Kenneth Cavander. Directed by John Barton. RSC, Aldwych.

This is an immense theatrical extravaganza in three evenings, a compression, or distillation of the *Iliad* thrown in for good measure. You could try just the first part before deciding to see the remainder, but buying tickets for all three saved me twenty percent. Judging by the queue at the box office, it's unlikely that you'll get a student standby ticket.

While having no pretensions to a classical education, your reviewer did not enter the Aldwych theatre without some previous ideas about the Trojan War and the *Oresteia*. You cannot look in any direction of modern literature and drama (not to mention Chaucer and Shakespeare) without encountering a reflection of these ancient stories: T S Eliot, J P Sartre and E O'Neill, to name but three, have reworked the Greek tragedies, and they are also the basis of the fair proportion of opera texts ("La Belle Hélène", "Elektra").

However, be not affrighted that this is a lot of high-brow culture; there's plenty of sex, violence, incest and buckets of blood. In fact, first-class family entertainment.

Although the text is not stilted, neither is it as absurdly colloquial as the recent TV dramatisation of the *Orestia*. In order to compress the plays, John Barton has cut most of the longer speeches and since we are seeing a complete cycle, the synopses are unnecessary at the start of each play. There is therefore only one Prologue, a compilation of myths with which the Chorus (female throughout) set the scene.

By seeing the full cycle, we see all the loose ends of the individual plays tied together, and therefore the stories you already know are more understandable. For example, it is easier to see why Orestes carves up his mother with an axe if you know that she killed his father (Agamemnon), in turn because he had (reluctantly) sacrificed his daughter (Iphigenia) to the gods.

Most of the plays follow the standard pattern of Greek drama, viz, growing conflict leading to a violent climax, in which actors charge offstage with vicious looking weapons and their victims stagger on bleeding. Only in the third evening, "The Gods" do we encounter the *deus ex machina*; in each of the last three plays, a deity appears at the end of to sort it all out. My heart went out to John Shrapnel, as Apollo, who has a very tongue-in-cheek speech at the end of "Orestes" and, since this follows the only comedy ("Helen") the audience are still rather giggly. In fact, the gods are treated as a joke throughout, especially the dumbe blonde Thetis, mother of Apollo, who can twist Zeus around her little finger; Artemis and Aphrodite never actually appear but get cursed a lot and only Athena (Billie Whitelaw) wants to give the mortals a fair deal.

Billie Whitelaw also gave a fine performance in the title role of "Andromache", the most substantial play in "The Gods". The difficult title role of "Elektra" was played very forcefully by Lynn Dearth.

Achilles, the "best warrior of the Greeks", was played (by Mike Gwilym, who also takes the part of Orestes) somewhere between the pansy depicted by Shakespeare and the warrior of the *Iliad*. After seeing his mother, one could only expect him to be pretty mixed-up. Achilles' slave Briseis (Jenny Lipman), the cause of his row with Agamemnon (John Shrapnel) was one of the strongest minor characters. In our opinion, the most outstanding actor was Edwin Richfield as Talthybius, the man who gets all the dirty jobs like murdering unwanted children.

The direction is thorough and imaginative, and more realistic than any ancient production would have been. The Chorus

always have some business to attend to, rather than the static Chorus which the original production would have used, 2,000 years ago. Purists might say that a director should keep to the author's intentions and attempt to reproduce the ancient style of presentation; I suspect that this would be extremely boring for a modern audience. Perhaps drama has "progressed" since 300BC, so that even within classical forms and ancient texts, "live" theatre can be created. In the usual style of the RSC, a dance was interjected at each of many points in the cycle, and the grand finale is a sequence of dances. The amplified music irritated me a little at first, but by the end the recurring tunes were growing on me.

Other reviews of this production have concentrated on inferring a political message. Some anachronisms are introduced in order to relate the action to the modern world; the soldiers' uniforms are almost modern, and Orestes and friends use machine guns. But there is no single political message. The use of an entirely female chorus, and the large proportion of speeches from female characters, seem to give the production a "feminist" slant; but the message seems to be more about how the Greeks treated women than about women in modern society. There is not so much one message as one viewpoint of the subjects, as framed by the selection of texts. The power of the gods is played down, and the motivation of human greed, jealousy and revenge is shown clearly. Even the characters come to realise that the gods they worship are really aspects of their own personalities; and that Athena (Wisdom) is the god to follow, rather than any other.

Stongly recommended.

Derrick Everett

RECORDS

MIKE RUTHERFORD SMALL CREEP'S DAY (Charisma)

Heralded by a sticker on the cover which says: "A Genesis solo album; Mike Rutherford — Guitars". This is a superb offering, possibly the best of the 'splinter' albums recently produced by members of Genesis (although Tony Banks' offering was as part of Brand X).

The first side is a continuous theme about, oddly enough, Small Creep's Day (inspired by the book of the same name by Peter Currell Brown). One of the seven sections, "Working In Line" is the new single, which has been getting a fair amount of airplay on IC Radio. The whole piece of music hangs together very well, but each section is definitely different; more so than the separate parts of the Floyd's "Shine On You Crazy Diamond". It is, in fact, almost half an hour long, and

is mostly instrumental with some vocals in each section, sung by Noel McCalla.

The second side is composed of five separate tracks and opens with "Moonshine"; a track which leaves the listener in no doubt that this is by a member of Genesis. It's possibly the strongest track on the album and reminds me of a couple of tracks on the last Genesis album "... and then there were three ...".

The other tracks stand up well in this context, especially "Romani", which has a good melodic rhythm, yet rocks along, again very much in the Genesis style. The similarity could be because the album is produced by David Hentschell, the same producer as Genesis use.

I think that this is certainly an excellent album, even the sleeve design, by Hipgnosis, is very eye-catching. I have no hesitation in recommending this album to anyone; it's almost as good as a new Genesis album.

Jeremy Nunns

REVIEWS

THE SORCERER

Cheap! But that was only the price; that one should also have seen a performance of *Cox And Box* in the same evening, made it all even better. Undoubtedly, there were rough edges and mistakes in both productions, but all in all it was an enjoyable evening and representative of the standard of the Arts at IC. By way of explanation, *Cox And Box* was presented by Imperial Opera, a new society whose members are not at College, but have links with Opsoc (IC Operatic Society), which is confusing, but they like to maintain the distinction. The opera concerns two lodgers who both occupy the same room, but are unaware of the fact, as one works in the daytime and the other at night. The landlord (the third and final character) cashes in until

the two men confront each other and after a comic interlude identify themselves as long lost brothers. The casting here was questionable; might not the stronger voice of Sgt Bouncer, the landlord, have been paired with one of the brothers, to prevent the rather one-sided duets that the brothers sang?

On the other hand *The Sorcerer*, the main event, involved a cast of some forty-three people and was presented by Opsoc. with the well-constructed set, the stage in the Union Concert Hall was a little too small for the chorus of villagers, who had to cram themselves into the side of the stage to leave room for the main characters, but for all that, the singing was clear and unified and the acting above reproach. It was to the orchestra's credit that during the performance they played as accompanists, rather than

shining through in their own right.

To give a synopsis of the plot, drawn from the comprehensive programme notes, the opera centres on the betrothal and marriage of a young couple who subsequently take it upon themselves to make the inhabitants of their village a party to their own good fortune. To this end they acquire the services of J Wells and Co, Family Sorcerers, with unfortunate consequences, but (sigh of relief) a happy ending.

Lars Wernberg-Møller



PHOENIX HAS RISEN

If literature is the reflection of life as we live it, then this new, and excellently produced, edition of *Phoenix* articulates the lives of many of us at this College, and, I would suspect the lives of many in this country. It is unfortunate but true, that most student literary efforts are elliptical to the point of obscurity, mainly, I would suspect, to hide a fundamental lack of imagination. This is definitely not the case with *The Phoenix*. Steve Marshall and his dedicated band of helpers have produced a journal (for want of a better word), the articles of which are in the main very readable and understandable. There were two or three which I could not follow — the fault probably being my own.

Before I come to the main subject of this review, the way some articles reflect life in this College, I will give an all too brief account of some of the other contents, in order to give a flavour of the whole. Both Steve Marshall and Mark Smith have spent considerable time in the archives researching the past issues of *Phoenix*, and have reprinted, quite justifiably, some otherwise unknown material. There is a selection of writing from past editorials, reporting on such events as the closing of the old Union Building to how to write for *The Phoenix*. But, my favourite extract must, naturally, be the account of SCC some quarter century ago, when it forbade the formation of the Methodist Society because it was 'sectarian'. The real reason was that SCC was becoming too large with the formation of new societies, and had, for the sake of administrative efficiency, to be split up into the major subcommittees.

Also reprinted, apparently for the first time is H G Wells' *The Chronic Argonauts*. H G Wells, when he was a student at this College founded *The Phoenix* and published his early stories in it; he later considered them so bad that he attempted to destroy all back copies of *The Phoenix*, but as will be appreciated without total success. As is pointed out this early story contains the embryo for both the *Time Machine* and *Invisible Man*. In *The Chronic Argonauts* we see the genesis of Wells's prose style and also why he attempted to

destroy the story since it does not really bear comparison with his later work. However, the story does stand up by itself and is most definitely worth reading to see how Wells later developed the ideas which he had as a student in this College.

The story is illustrated by modern black and white drawings and are of a high quality, especially that facing the opening page of the story by Ian Wieczorek. The general standard of illustration in *The Phoenix* is high; there are two 'strip' cartoons, one in modern style, which I did not care for particularly. The other is in 'Victorian' style and contains pastiches in words and drawings of the secret thoughts of people in a Victorian village, presumably inspired by *Under Milk Wood*.

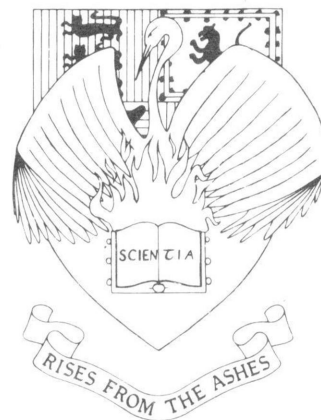
The theme which is prominent throughout the whole journal appears to be a description of the lack of basic human contact in life today, which, ironically includes being part of a crowd. This theme is especially epitomised by Ian Holliday's cartoon 'Southside First Week', Ian Wieczorek's poem 'So Different' and K C Mann's brilliant short evocation 'There Has Never Been Anyone Famous Called Trevor'. If there is any one in this College who says he cannot feel any sympathy for 'Trevor', then he is either a liar, very lucky, or Trevor himself! I cannot do full justice to the story, but will simply say that it is a description of a man who fulfils all that is expected of him, sacrificing, in the process, all hope of any deep personal relationship; but at the same time he does not perceive that this is what he is doing. K C Mann has not only constructed a tightly knit essay, but it is minutely observed, without becoming tedious, and is tautly written.

In relation to this theme — essentially of the non-realisation of any purpose of life — Ian Holliday's cartoon 'Southside First Week' shows two students on opposite sides of a wall, wondering if there is anybody there to be contacted. In the event of such contact existing then Ian Wieczorek's poem 'So Different' carries this to extremes and suggests that people become "one of the crowd", in other words people are not different. He illustrates this by suggesting that the "crowd" enforces its will on each individual "different you're not, sameness exudes". This, it will be appreciated, returns us to the character of 'Trevor', who is

forced by conventions, unperceived by himself to follow a particular path.

If the picture I have painted appears gloomy, it is not meant to be, but I see no point in writing romantic nonsense which cannot relate to people's lives. In producing this edition of *The Phoenix*, Steve Marshall has attempted to say something about the way we live, in this college in particular and in this country (and America?) in general. He is to be congratulated in unearthing a collection of writers and artists who are able to express, simply and with a considerable amount of imagination, ideas about the way we live. I disagree profoundly with Macbeth's view that "life is full of sound and fury, signifying nothing", but we do need to know where we are going and these works in *The Phoenix* express quite clearly that we do not know, it is up to us to try and find out.

Frank James



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The magazine of
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From Bookshop, ICU &
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CROSSWORD

ACROSS

1. Motley hotch-potch
9. Satisfied contentment
13. Frigid
15. Epoch
16. Stretch of fast water
17. Jewelled twins
20. Comic God
21. Sparkling conversation
24. Olympic event in discussion
25. Deserter
26. 10th month before Julius
27. Well-known religion
32. Everyman's dream
34. Short unit
35. Scaled female animal with musical tone
36. Singular opposite of noes
38. Spotted in haste
40. Contract
41. Who's friend (1, 3)
42. Record company
43. Anatomical lubricant (5, 6)
45. Vigorous warm feeling
46. Rendevous with female informer
48. Dead fire tree
49. Point of annoyance
51. Brain surgeon's necessity
53. Alright
54. Almighty
55. Used to
56. Instrumental in exclusion of Guilds President
57. Prototype nibble
59. Using acid on plate to reproduce
61. Liquid form of 43(a)?
62. Training boy
66. Prayer ending
68. Strong cheese
69. Plagued
70. Wax is this, but not necessarily palatable!

Completed crosswords must be handed into the FELIX office by 1pm Wednesday. The first drawn correct answer will be awarded with a £1.

DOWN

1. Charybdis
2. Inactive, but not for writing
3. Head of wheat
4. Mad pub
5. Negative
6. Pertaining to
7. Vase of tea?
8. The case being such
9. Burden
10. Sacred Chinese Queen's Tower
11. Perculation of fluids
12. Comedy, solstice (1, 9, 6, 5)
14. Zone improvement plan
18. Egyptian God
19. You should look here every day!
22. Commercial radio is a member of this, abbr.
23. Field rest?
27. Appeal to
28. Boy in gala day
30. Earth pig (in Afrikaans)
31. Highest NCO in regiment
33. Delightful sauce
34. Tergiversation
37. Epoch
39. Winter fur
42. Estimated arrival time, abbr.
44. Salute
47. For us the reverse of pedagogy
50. Alluvium in bank
51. Vestal record
52. Surplus trap
53. Sloping (2, 1, 4), as placed on tape!
58. Quick
60. Rolling stone under wandering star
61. Guilt
63. Satyr in kitchen cupboard!
64. For example
65. Mineral
66. Sounds as if you are ill, perhaps you have three sheets in the wind because of it!
67. Member of Guilds Exec caught in wrong doing!

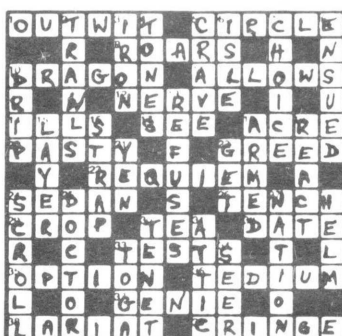
COMPETITION WINNERS

Guess The Editor's Weight (12st 10lb)

Ian Shacklock — Maths — 12st 8lb.

Crossword

The first completely correct crossword, drawn at random from all the entries, was by Nick Harbud in Chem Eng 3.



BEST CAPTION

This was the hardest competition to judge and in the end it came down to two captions, and in spite of obtaining several other opinions, we cannot reduce it down to one!

Therefore a joint prize goes to Tim 'Chopper' Dines with "Swan reaches the parts Heineken Daren't even mention" and to Haribans Sharma of Physics 1 with "Oh No! It's that drunk driver I booked". Will those wishing to collect their prizes visit the FELIX Office on Monday when, perhaps, Colin may be about.

Wordsearch

There was a total of thirty-eight Colleges, etc, that we managed to find (so far...), since we could not find Colin's original. The prize for the largest number goes to David James of CCD 2 who found thirty-three.

**DRAKE SEVEN
CARTOON BOOKS**
now on sale in the
FELIX OFFICE
only 30p.

BCG (Tuberculosis Vaccination)
Tuesday 26th February
and
Tuesday 4th March
Sessions will commence at 12:30
in Sherfield Committee Room.

Lost And Found

One green file lost in Union Lower Lounge at lunchtime on Friday 8th February. Is of immense sentimental value (ie contains lecture notes). Marked 'S E Oldknown, Biochem 2'. I am actually in Botany 3. PLEASE return it if you happen to see it.

One plastic watch (Casio F-100) lost on Thursday night in gents toilet on level three of Mech Eng Building. If found please return it to H Curwen, Mech Eng 3. Reward.

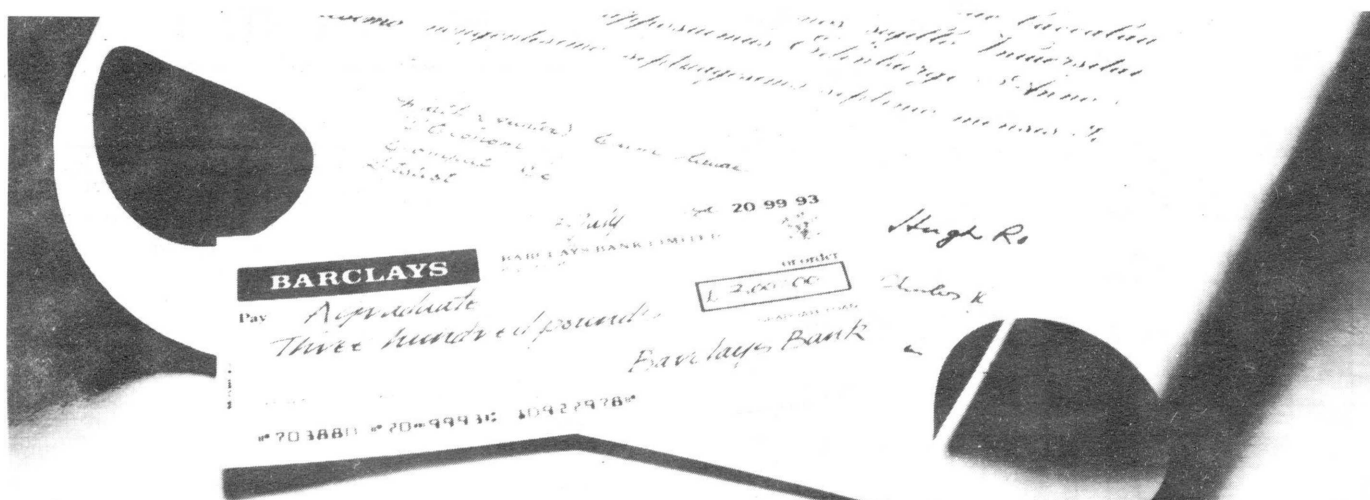
Could anybody who saw a G Reg green Morris Traveller outside the Union on Friday night 15th February, please contact Greg Kaye, Elec Eng 2.

Room To Let

Lodger required for quiet house in Kew. £18pw (inclusive all bills). Contact Pete Spencer-Phillips, Botany PG. Int Tel 2463.

Urgently required tutors in Chemistry, Physics, Biology, Maths, Economics, Statistics, Geography, History, French, German, Spanish, Italian, EFL, English and other subjects for part-time work in London. Ring 904-3833.

Anyone wishing to play tennis on IC tennis courts (tarmac behind Linstead and grass at Harlington) must be a member of IC Tennis Club. Please send £1.00 to D Cornwell, Tennis Treasurer, Mech Eng 2, with your name, department and year.



WHEN YOU GRADUATE, GET THE CREDIT YOU DESERVE.

The credit you'll get from family and friends for passing your exams may be very nice for the ego.

But it won't pay the bills.

The credit you'll get from us, however, is designed to help you do just that.

We'll lend you up to £300 at a preferential interest rate of 2½% over Barclays Base Rate.

And we won't ask for a penny back until three months have passed.

(After that, you'll have to make repayments over the following 12 months when you should have a regular income.)

It'll help see you through that difficult period between degree and first salary cheque. When a lot of money seems to be going out and not much coming in.

You might need it for a deposit on a flat. To pay for a season ticket. Even, maybe, to finance the replacement

of your ageing Levis with something more suitable for your first day at work.

Of course, to qualify for a graduate loan you'll have to meet a couple of conditions.

You'll need to have passed your degree and have a firm job offer.

Second, we're unlikely to be quite this generous if throughout your student career you've proved an incorrigible spendthrift.

All you have to do is to have a word with the Student Business Officer at your local branch.

He'll discuss the details of the loan with you and, when you move, arrange the transfer of your account to the nearest Barclays branch to your new job or home. He can't help you pass your finals.

But he can help make life easier once you do.

BARCLAYS

Barclays Bank Limited, Reg. No. 48839. Reg. Office: 54 Lombard Street, London EC3P 3AH.

I.C. RADIO TIMES

Abortion and V.D. is the title of the third in our series made in conjunction with the Family Planning Association, which is especially aimed at students; you can hear it on Monday night at 11pm.

Focus on Al Stewart - Sunday 5.00pm In Britain he's a "One-hit wonder" folk singer. In America he's the successful singer-songwriter who has become a point of musical attention with critically and commercially acclaimed albums that deftly combine the best elements of folk, rock, and lyrical poetry to very good effect.

This Sunday's Focus brings into view both the man and the music. It seeks the source of his inspiration and looks at the numerous people that he has worked with, from the early years of the late 60's folk scene, where he made quite a reputable name for himself, to more recent times, where he has enjoyed the success of albums such as "Year of the Cat" and "Time Passages".

The programme follows Al Stewart's musical career and will include tracks from all eight of his albums, offering a rare opportunity to hear the progression in music and refinement of songwriting, that took him fifteen years.



Live in Stan's This Sunday between 8.30 and 11pm Sarah Talbot and Harvey Nadin will be broadcasting live from Stan's Bar. Come and join in the fun.

Photo by Jeremy Nunns

The Brighton Connection . . . or How to make a Radio Programme from a Shoebox

It is a (little known) fact that, next to a towel, a shoebox is the most massively useful article that the Galactic Hitch-hiker and radio presenter can carry with him. When not being converted for use as a shelter from atomic fallout, or reconfigured as an easy-play piano to while away the hours, it can be hastily re-arranged as a drinks machine. Not surprisingly, the art of shoebox conversion (or 'Advanced Footwear Receptable Utilisation' as it is known in the trendier parts of the Galaxy) is one which is much sought after by the acolytes of true box-husbandry.

Now, for the first time, the age-old secrets of the trade are presented for one and all, as told by Marjac the 10th, the reptilian master of shoebox manipulation from the planet Box II. Tune in to the S & M show at 11 on Sunday mornings, and, armed with your trusty shoebox, experience the thrill of creation as the shoebox is transformed beneath your hands into a telephone box, a scale model of Margaret Thatcher, a combine harvester - let your imagination run riot . . .

All this in the salubrious aural surroundings of the S & M Show, with the 'Magic Roundabout', the Radio Vet, and so much more. Miss it at your peril.

Simon Milner (the one and only)

P.S. Imperial College Radio can fake no responsibility for death, wounding or other misfortune sustained whilst wielding shoeboxes.

SOCIETIES

HAMSOC: TREASURE HUNT

This is also an excellent way for the chairman to get paralytic. Intrepid Radio Society drunkards will meet in Stan's Bar at 7:00pm on February 27th complete with two-metre transeivers if they've got them (or not, if they haven't). Then the fun starts. Russell, the Big Boss, will conceal himself in a pub within reasonable walking distance and we have to find him by asking (over the air) simple yes or no questions. If you think you might be interested in Hamsoc, why not come along? The 'competition' is for groups of people, with one transmitting amateur per group.

Another event for this term is the Hamsoc Dinner. This will be held in the 'Good Earth Restaurant' on Friday 7th March, and will cost a mere £4.35 drink excluded. Anyone who wants to go (and it will be worth going to) give their names, and a one pound, nonreturnable deposit to Russell Whitworth, Elec Eng PG. He will be up in the Shack on Wednesday. On the night we will meet in the 'Chelsea Potter', a pub on the Kings Road at about seven o'clock.

We hope to see you at both events, 73's G8RRD

IC TENPIN BOWLING CLUB

On Sunday Bowling Club sent two teams to Portsmouth to compete in the Portsmouth Quads tournament (four man teams).

After a brush with the Law, involving invisible no-entry signs, the A team got to Portsmouth to find the B team already there and the lanes in good condition.

Six games later the A team had finished with a disappointing total (only two players, Ray Cook and Brian MacGowan bowled above average). However the B team, led by the brilliant bowling of Tubby Woo and Joe Ng, had already won the tournament. The high point of their play was an exceptional 821 four-man team game with Tubby scoring 256 (the best bowled in the day) and 242 from Joe. Tubby took most of the personal prizes and the most important, the tournament trophy, will go in the Union Office with the one Edmond and Tubby won for the Club at the Brunel University Doubles Tournament last month at the Heathrow Airport Bowl.

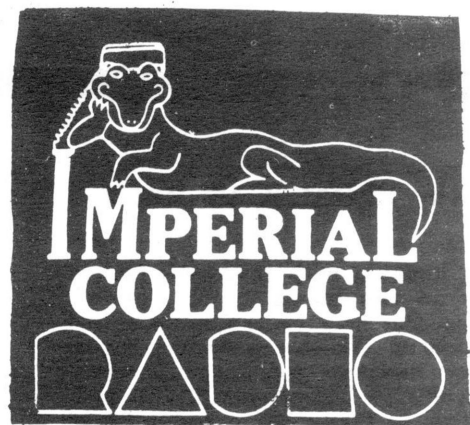
We still have room for anyone interested in bowling in our Wednesday afternoon sessions at Tolworth, Surrey, leaving the entrance to Aero Eng (opposite Beit Archway) at 2:30pm.

A Team: John Knight, Ray Cook, Tim Hillyer, and Brian MacGowan.

B Team: Tubby Woo, Edmond Ng, Albert Wong and Joe Ng.

Thanks to everyone for bowling and to Tim for getting us there (despite 'non-endorsable' delays).

Brian



301m / 999kHz Medium Wave

I.C. Radio Top Twenty 18/2/80

- 1 (1) Peter Gabriel - Games Without Frontiers
- 2 (-) The Ramones - Baby I Love You
- 3 (15) Dave Edmunds - Singing the Blues
- 4 (20) Cristina - Is that all there is?
- 5 (2) The Flying Lizards - T.V.
- 6 (4) Boomtown Rats - Someone's Looking at You
- 7 (11) Joan Armatrading - Rosie
- 8 (3) The Buggles - The Plastic Age
- 9 (-) Squeeze - Another Nail in My Heart
- 10 (-) Rickie Lee Jones - Easy Money
- 11 (-) Queen - Save Me
- 12 (6) Blondie - Atomic
- 13 (5) Lene Lovich - Angels
- 14 (R) The Jags - Woman's World
- 15 (13) Holly & the Italians - Tell that girl to shut up
- 16 (9) Barclay James Harvest - Love on the Line
- 17 (8) New Musik - Living by Numbers
- 18 (7) The Silicon Teens - Judy in Disguise
- 19 (16) The Specials - Too Much Too Young
- 20 (-) Emerson Lake and Palmer - Peter Gunn

DEBATING SOCIETY

This house believes that ICWA serves a useful purpose

A captive, though due to the large size of the room, not an overflowing audience, attended the second in a series of weekly debates being held by the society. The speakers on this occasion were Gwen Griffiths and Mike Brown.

Gwen, who was proposing the motion, claimed that to abolish ICWA would be a negative approach to the problems of the association, and although very little is presently being achieved, a change in the constitution would enable members to enjoy more benefits that the association could provide. In opposition to this, Mike put forward his view that ICWA had once served a useful function (when women first came to IC) but now this purpose had disappeared and ICWA is no longer able to communicate with its members. The motion was eventually defeated by a convincing majority.

Hopefully, future debates will be on the legalisation of cannabis, and euthanasia, publicity will be given at a later date. Everyone is welcome, and if you would like to speak please contact me, via my departmental letter rack.

Dave Londale

IC SAILING CLUB

Saturday saw IC sailing team's third successive victory over Oxford University. Two races were sailed in the extremely light winds. IC won the first race by a narrow margin of 1/4 points taking first, third and fourth places and several penalty points.

The second race was won in convincing style with first, second and third places at the finish.

Team: J Williams, D Coleshaw, J Baxter, C Patterson, N Ajderian and Jill.

24hr PEDAL CAR RACE

In keeping with tradition, Guilds entered two teams in the National Twenty-four hour Pedal Car Race, held annually at Whitchurch Airfield, Bristol.

Two minibuses containing the teams, back-up crew and others, left College at 10:30am on Friday and arrived in Bristol at 2:00pm, one hour before the race was due to start. After a couple of practice laps it was discovered that one of the pedals on the men's car had almost sheared off and so emergency repairs were made to it. This problem caused a great deal of trouble throughout the race and was undoubtedly the reason why the men's team did not win their race, thus proving to Rolls Royce (the eventual winners) that it should not need a £3,000 car nor a research and development budget of £90,000 to win the race.

Unfortunately, the problem meant that the men's team started the race forty-five minutes late. The ladies' team also had mechanical problems at the start and they started the race twenty minutes late. Until about 10:00pm, the men had to make regular pit stops in order to tighten their pedal up, but then, someone thought of swapping the pedals round, solving the problem for the next four hours. It was about this time that some supporters arrived in the form of Jamie, Bryan and Mark, giving a boost in morale by their presence and a boost in speed by their pushing.

At about 2:00am, the pedal broke again on the men's car and so the car was brought in for a lengthy pit stop whilst the pedal was virtually remade. This also gave the team a welcome break and a chance to get some sleep.

Meanwhile, the ladies had overtaken the Marrey Ferguson team who were the early leaders, and were gradually increasing their lead.

At about 3:00am, the heavens opened and the track became a mudbath. Anyone who went out in the car became instantly covered in a thin layer of mud. The rain continued until about 9:00am and the intervening hours were very miserable. By this time, the members of both teams were almost comatose, responding only to the cry of, "Oi, it's your turn next" at intervals of approximately six minutes. Luckily, there were no major mishaps during this rainy season, but almost as the last drops of rain fell, misfortune (and Marrey Ferguson) overtook the ladies' team when the steering failed on their car. This needed a lengthy pit stop to repair it, causing the ladies to take the lead.

However, this piece of bad luck only spurred them on to greater things and a tremendous push by the ladies enabled them to regain the lead which they maintained right to the end of the race. During this period, they overtook even the leading men's teams on some of their laps.

The men's team, on the other hand, were not so fortunate. The pedal finally broke beyond all repair thirty minutes before the end of the race, but they

managed to finish it at 3:00pm on Saturday, twenty-four hours after it had begun, by a piece of surreptitious pushing and the judicious use of the remaining (functional) pedal.

So, all in all, a mixed twenty-four hours for Guilds. The ladies managed to become the National Ladies Pedal Car Champions in the car which won the men's race exactly ten years ago, whilst the men were prevented from achieving the double by a faulty pedal.



Caroline Bird does her lap for the winning Guilds's ladies team.

Mens: Alun Griffiths, Tony Heals, Ian Hodgson, Paul Makinson, Jon Stanley, Dave Woollard, and Frank Rowsell and Mike Richardson (reserves).

Ladies: Jo Armitage, Caroline T Bird, Polly Dunbreck, Ruth Hildebrand, Sara McGuinness, Mary Morrison, Sue Newson and Sue Ridd.

HOCKEY

ULU CUP — SEMI-FINAL QMC vs IC: 0 — 4

IC, fielding one of their strongest sides ever, progressed to the final of the University of London Cup at the expense of a strengthened QMC side.

This will be the first time in seven years that an IC side has reached the final and on this performance they stand a good chance of lifting the Cup as the climax of an otherwise average season.

Despite various delays — late arrival of one player and the captain's kit not being available — the IC side reached Dytechleys in good time for the start. They were met by a QMC side full of confidence — the QMC team having 'imported' three star players from the UL team who had in turn brought along a coachload of supporters.

The quiet, confident, carefree approach of the IC side should have warned the QMC side of impending disaster — the QMC side however were too involved in an amazing series of warm-up exercises in front of their admiring supporters to notice the warming-up routine of the IC centre-half.

The warming-up routine of this small, quiet Malaysian player did nothing to indicate the ensuing havoc

he was to cause to the result of the match and the QMC players ego. Poon Fook Loke, studying in CCD 3, is a first choice player for his country and plays weekly for one of the premier clubs in Europe, Southgate. Playing against the Cowboys of QMC, he proceeded in the first twenty minutes to antagonise each and every one of the opponents by sheer skill.

The first goal was scored at the far post by Johnson Afilaka following a left sided move and shot by the veteran of the team Bob Middleton. The second goal was set up by Poon beating five players and releasing a perfectly weighted pass to Graeme Forbes, to hit first time into the roof of the net. Acting Captain, Tony Debarr scored the third with an accidental cross which went into the net and the fourth goal was scored from a penalty stroke by Chris Rielly after two IC players had claimed that the ball had gone into the net following a shot.

IC thus netted four goals in a match they could have scored ten, but in cup competitions it's the result that counts.

IC now go on to the final in three weeks time quietly confident of success, which as in this performance should come their way.

Phil Webb

JUDO

On the weekend of the 16th and 17th of February the British Students Championships were held at Crystal Palace; comprising of the men's with the womens individual championships and team events being held simultaneously on the Sunday.

On the Saturday in the under 60kg category Owen Tully of Imperial College took the bronze in the University Individual Championships and a bronze in the British Students Individual Championships in the under 72kg category.

The Sunday started with the fireman team championships and London Universities entered a team comprising of O Tully (IC), R Spencer (Chelsea College), T O'Brien (IC), P Newman (UC) and M Gannon (Middlesex Hospital) who fought splendidly to win the event, being awarded gold medals and the Yukio Tani Vase.

Meanwhile in the British Students Women's Individual Championships, Hazel McCulloch of IC fought her way through to the final to take the silver award in the under 72kg category.

T O'Brien
Physics 2

IC WIN SOUTHERN UNIVERSITIES REGATTA FOR SEVENTH YEAR RUNNING

The men's senior squad had a clean sweep at Reading last Saturday winning the Championship Eights, the second eights and the Championship Sculling.

The first eight disposed of two Cambridge colleges, Emmanuel and Churchill, at little more than a firm paddle and then drew Reading, the host crew, in the final. This was a most exciting race in which the eight came back from $\frac{3}{4}$ length down and coolly rowed through to win by a $\frac{1}{4}$ length. This is the seventh consecutive year that we have won this competition.

The second eight after a tough race with Oslar (Oxford medical students) comfortably beat Emmanuel second eight. In the final they met the defenders, Southampton first eight. After a disastrous start in this epic race in which Southampton gained clear water, our valiant second eight rowed through them to win by a length.

In the Championship Sculls Pete

Moysey faced seemingly insuperable odds. One of the four entrants was a Thames Tradesman Elite sculler (representing the Royal Agricultural College). In the first race Pete led from the start but was pushed all the way beating his Reading opponent by $1\frac{1}{2}$ lengths. He now had the Elite sculler in the final. Despite being a length down for most of the course his perseverance was rewarded when his opponent faded in the home straight and Pete sprinted through to win by six or seven lengths.

Our extremely capable ladies crew were unfortunate enough to draw the Cambridge University Womens first eight (the female equivalent of the Cambridge Blue Boat) in the first round. Despite IC's aggressive rowing, Cambridge won easily and we had only the consolation that Cambridge destroyed all the other crews that they raced in the competition. It seems unfair that CUWBC was allowed to enter when neither of the Blue boats were allowed to, it would have been a better competition without them.

Our freshers novice eight lacked the fitness and experience of the Oxbridge crews who row six days a week. Consequently they lost by a few

lengths to St Peters College, Oxford. All in all we came away with nineteen pint pots and two trophies, most of which were suitably wetted that night. Everyone who entered thoroughly enjoyed themselves except perhaps for the fact that the boat-house ran out of beer by the time the senior crews had won, possibly because the ladies crew finished earlier?

TEAMS

First Eight: Tim Joslin, Steve Webb, Miles Fellows, Tony Reynolds, Chris Geary, Richard Fearnhead, John Urry, Bill Bradbury and Steve Crampton.

Second Eight: Bob Maddocks, Steve Collier, Alastair Rowe, Pete Allen, Paul Gerrard, Chris Adams, Ed Hobhouse, Matt Pritchard and Ian Simpson.

Ladies Eight: Liz Lindsay, Sara Gray, Angela Burgess, Jo Pearson, Ann Toney, Gwen Griffiths, Nonie Ray, Cathy Weir, and Bill Partridge.

Novice Eight: Pete Tebbutt, John Vedy, John Marsden, Stuart Allinson, Richard Redhead, John Marsden, John Hargraves, Mark Agnew and Mark Canvin.

S Crampton

ICFC

It took IC fourths 195 minutes to qualify for the final of the cup against KCH seconds. The first match was a tense, hard-fought game which could so easily have gone either way. In the first half, IC really dominated the game, pushing forward all the time, creating several chances. Andy Hartland scored from one of these and Damian Nnochiri hit the post with a powerful shot from the edge of the area. The second half started badly for IC with KCH pushing forward strongly through some good work from their midfield. Their pressure paid off after about ten minutes with them equalising with a somewhat clumsy headed goal. Urged on by this, they started to dominate, forcing Steve Veats to make some fine saves and Neil Morris to clear off the line. However, the defence stood firm and IC, once more, started controlling the game, hitting the post and narrowly missing several times. Extra time had to be played and the game ended in stalemate.

The replay started much the same as the first match with a fiercely contested battle in the midfield, but right from the onset IC's determination and confidence controlled the play. After five minutes Paul Galvin nipped in to score from Andy's flick on and then started the rout. IC threw themselves into attack virtually pulverising KCH. Their keeper made several spectacular saves before Neil Redmayne got up to a corner to head in. From the very next corner a KCH defender had to scoop the ball off the line from Richard Dolan's effort giving a penalty which was somehow saved by their keeper.

IC started the second half as furiously as they ended the first. Paul scored with a neatly taken half volley after two minutes, quickly followed by Andy's first. Andy scored again soon after having run through most of their defence, and a few minutes later Quentin was bundled over in their area for another penalty. This time Neil Redmayne took a short run-up (over 25 yards) and slammed it into the bottom right-hand corner. The performance was rounded off by Damian smashing one in from the edge of the box and Andy getting his hat trick. The whole team was superb.

Thanks to super linesman Melvin and hope to see all of IC. At Motspur Park on Saturday 15th March for the final against LSE seconds.

The squad: S Veats, N Morris, S Kaye, M Flynn, D Griffiths, S Sims, D Nnochiri, R Dolan, A Hartland, P Galvin, R Hawa, Q Merrit and D Brannan.

WATER POLO

On Tuesday 12th February, IC had a couple of games for the ULU League. IC firsts, playing in the first division, were the first to play against Guys Hospital. Guys opened the score in the first quarter, but we equalised at the beginning of the second quarter, when Phil Thwaites passed the ball to Barry Ashwin and his shot hit the base of the post and went in. Guys returned to the attack and scored another goal, but Barry equalised again with a powerful shot from far away out. However, Guys scored one more by the end of the third quarter. At the final quarter, Barry awarded a penalty, but his shot hit the post and came out! We kept the pressure on and two more shots by Nick Last and Adrian

Butler hit the posts! Another shot by Phil Mills just crossed the goal line, but the referee thought it didn't and he didn't count it! Finally, Guys scored one more goal to make the final score 4-2 to them. The score is rather heavy for IC, who had a super game and would have certainly achieved a better result if they hadn't been so unlucky.

Team: D Roberts, N Buckland, A Butler, P Mills, N Last, P Thwaites, B Ashwin.

It was IC 2nds next, playing in the second division against London Hospital seconds. The opposition started the game very aggressively and they were 2-0 up by the end of the second quarter. In the third quarter we pulled ourselves together and we started playing much better. Nigel Chapman and Phil Sinclair stopped LH2 scoring and Bob Bradley and Colin Butchelor organised our efforts midpool. Nick Ajderian passed the ball to Pat Porter and he scored our first goal. At the beginning of the final quarter, LH2 had a shot and the ball stopped on the goal line, but the referee counted it as a goal, being under pressure from the LH supporters! Dimitri Papaconstantinou scored our second goal, after receiving the ball from John Heffernon, to make the final score 3-2 to them.

Team: B Bradley, P Sinclair, N Ajderian, P Porter, J Heffernon, N Chapman, D Papaconstantinou and C Butchelor.

We would have produced better results, if the referees hadn't been markedly against us in both games. Actually, one of them admitted later at the bar that LH2's shot didn't cross the goal line!

Dimitri

PANCAKE RACE

Last Tuesday saw the annual ICWA Pancake Race in the Beit Archway, which just happened to clash, yet again, with the testing of the fire hoses.

Again six women challenged our heroic ICU Executive to six laps of the Quad. With frying pans in hand, watched on by three hundred, the race started just after 1:00pm. It was a close race, which the Exec won by one short ICWA member's head.

Afterwards the teams dried off and enjoyed pancakes.

The pictures show the team members under attack. No effect was spared to inflict maximum havoc. At intervals around the course fire hose testers squirted the runners at close distance with dustbinloads added for extra effect.

Lastly the match was refereed by the Union Administrator, Jen Hardy-Smith, who replaced, at short notice, the hospital-bound Colin Palmer.

EGM

The Great Hall on Tuesday lunchtime will be the scene of the UGM. Again IC's relationship to the NUS will be discussed. A motion proposed calls for a referendum, the only way ICU can reaffiliate. If the motion is passed this would be at the same time as the sabbatical elections, ie Monday 10th and Tuesday 11th March.

THE DEBATE LIVES ON

After an action-packed forty minutes of intense intellectual combat, the house finally voted on the motion "This house believes the Americans landing on the moon was an affront to lunar rights". After numerous references to 'Lunarians', 'The United Planets Universal Declaration on the Rights of All Beings' (UPUDRAB) and the 'Hen Gets One (Stone Henge) Gravity Transmit Beam' the motion was finally passed convincingly.

PLEASE NOTE

Candidates for Union posts are asked to have their manifestos (300 words and photograph) in the FELIX Office by 5:30 on Thursday 28th February or they will not be published in FELIX.

Colin Palmer is in hospital, so I have coordinated the production of this week's FELIX. I've enjoyed it immensely, but must thank all those who rallied round: Mark Smith, Ian, Maz, Tim Hillyer, Mary Freeman, Lars Wernberg-Møller, Jeremy Nunns and IC Radio for some of the news.

I hope you enjoy reading this week's FELIX and will want to contribute to future editions.

Now I must return to my job as Secretary; the challenge over.

Roger Stotesbury
Acting FELIX Editor



Photo by Steve Groves

Above left: Roger Stotesbury charges around the Quad.

Above right: Sean O'Boyle about to hand over.

Below: Bob Holding, with the hose, Steve Masterman with the dustbin, and John Afilka with the bucket, get Gwen Griffiths.

Photo by Mickie Marsh



ENTS CONCERTS

IC Ents are presenting the heavy metal group Berlin, in the Concert Hall, tonight at 7:30pm. Tickets on sale at the door. On Sunday week (2nd March) another gig features The Charlie Parkas (the Albertos). This is in the Great Hall at 7:30pm. Tickets are £1.25 in advance and are available from the Ents, Guilds, or RCS Union Offices.

NEW ULU PRESIDENT

Nominations for next year's University of London Union President closed on Wednesday with only one candidate standing.

As a result of this, it now looks certain that Anna Clark, the current President of Westfield College, will be the sabbatical President of ULU for the 1980/81 session.

TWENTY-FOUR HOUR IRONING

To raise money for their tour to Amsterdam members of Rag and IC Rugby Club organised a twenty-four hour ironing session. Visitors to the Union Concert Hall were surprised to see hefty blokes leaning iron in hands, dealing with the problems of 36B bras, shirts and curtains.

On Wednesday night, nearly half way through the ordeal FELIX asked Steve Gunn if anything remarkable had happened. He replied that there had been a pink jump suit which changed shades of pink on ironing. Also he told how Adam Warby had spilt Swan all over an unfortunate person's trousers.

A delivery service was organised to collect clothes from the halls and houses. FELIX was told by Steve Townsend, team captain, that £300 was expected to be raised.

STOIC

This week STOIC celebrated its tenth birthday, with two special programmes.

SOUTHSIDE SHOP

The turnover in the Southside Shop has gone up by 40%. This follows the introduction of more lines, at more competitive prices and in more economic quantities. Pies and pasties are now on sale as well as frozen lines. Next week wine will also be on sale.

WEEKEND REFECTORY ARRANGEMENTS

Mr Mooney, refectory manager, told FELIX that the numbers using the refectory services at the weekend have continually decreased until it has now reached a point where it is no longer an economic outlet. To counteract this drain and to reduce our losses it is proposed to take the following steps:

1. Reduce the prices of the food served for the weekend only.
2. Cut the number of staff to a minimum which, while it may mean the customers wait a little longer, will save in the region of £25 per day.
3. Readjust the menu in the light of current demand.

From the menus it will be noted that the prices have been reduced between ten and fifteen percent.

RCSU Piano missing

Any information on its whereabouts will be gratefully received by the RCSU president, Sean O'Boyle.

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