



FELIX

Founded 1949

The Newspaper of Imperial College Union

Maggie visits Imperial



From left to right: Professor Sayers, Mrs Thatcher and Lord Flowers.

The Prime Minister, Mrs Margaret Thatcher, was at College on Wednesday to open *Tech 2000*, the exhibition to mark 100 years of the City and Guilds College.

Mrs Thatcher arrived at about 5.30pm amid tight security, and was met in the foyer of the Sherfield Building by the Rector, Lord Flowers, and the Dean of City and Guilds, Professor Sayers.

She was also introduced to Maribel Anderson, Guilds President, before going on to open the exhibition in the JCR.

About 150 demonstrators protested against Mrs Thatcher's visit, shouting 'Maggie, Maggie, Maggie. Out, out, out'. The demonstrators were against the education cuts introduced by Mrs Thatcher's government.

Over 600 guests attended the Centenary Banquet held at the Guildhall on Tuesday.

The guest of honour was HRH Prince Phillip, the Duke of Edinburgh. Other distinguished guests included the Lord Mayor, Masters of livery companies, MPs and senior civil servants.

The Duke's speech, and that of the Dean, Professor Sayers, were well received. The evening ended with a resounding Boomalaka called by Guilds President Maribel Anderson.

RCS Officers elected

Next year's RCS officers were elected after a College-wide ballot on Monday.

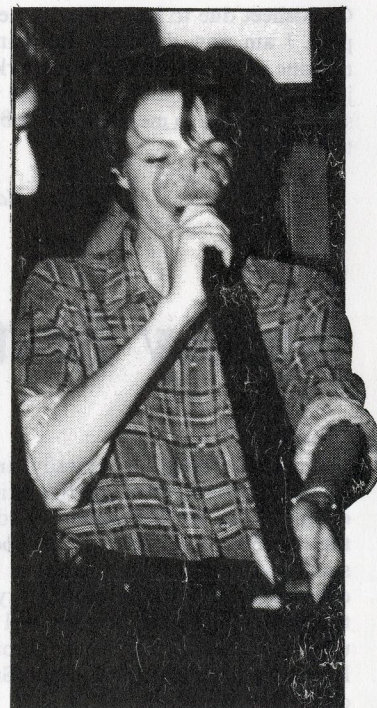
Simon Redlich was returned unopposed as President, and Tom Mellior-Smith and Teresa Sykes as Hon Sec and Hon Junior Treasurer.

In the only two contested posts Jackie Peirce was elected Vice-President and Peter Klemperer as Academic Affairs Officer.

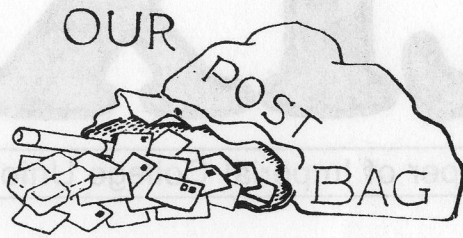
RCS raised £80 for rag on Saturday during a three-legged pub crawl.

No one fell over, despite visiting more than eight pubs, with legs tied together.

Sarah Butcher, Life Sci 1, raised the most, £20.



Jackie Peirce, next year's RCS VP, downs a yard in the Union Bar.



Pompous twits

Dear Sir,

I would just like to straighten out a few misconceptions. As usual the pompous twits that run Wellsoc have got it wrong. Although the photo they pinched was used on a Private Eye cover the speech bubbles were originally from Guildsheet. The 'invoice' was sent as a joke by myself and Luke Walker. I was mainly narked that no one even mentioned the use of my cover to me, actually I am rather flattered they think it's that good.

Finally I must point out that there is a difference between Guilds Union and Guildsheet. I have tried to stay at least partially independant of the Union. This is not always easy and I very often find myself in the impossible situation where I am slanged off by hacks and non-hacks alike. I pride myself in the fact that a lot of my friends are not Guilds hacks (some refuse to go into the office in case it ruins their street cred!).

Although I resigned as editor in the Christmas issue I have continued to produce Guildsheet due to lack of judgement on my part. I am now definitely resigning due to reasons of health, finance and work. I would just like to thank all those people who have said nice things to me while I have been doing the job.

Cheers,
Mark Cottle

Safety first

Dear Sir,

Imperial College is morally and legally bound to provide adequate fire extinguishing equipment in all Departments and many of the residences. We need the co-operation of staff and students to maintain this vital equipment in working order. If you know that an extinguisher or hose reel has been used or damaged, then please report it to the Housekeeper/Senior Staff, or the Safety Unit on 3047.

Yours,
Imperial College Safety Unit

Camborne complain

Dear Sir,

A member of your faculty has passed on to me a copy of your newspaper. The headlines on the front page state 'Camborne go on Rampage', and go on to insinuate that Camborne School of Mines students caused all the damage at RSM. The article also implies that the student taken to hospital was also from RSM. This is catagorically not true, as I am that person.

I was hit in the face by a plate, thrown at me by a member of RSM. This was completely unprovoked. As a result, I received injuries to my right eye which required emergency treatment at a London Eye Hospital. Thankfully I am now almost recovered, and luckily there will be no lasting impairment to my eyesight.

It was as a result of the plate being thrown that the dinner erupted. CSM students naturally objected to any other glassware or objects being thrown. No one at CSM has any knowledge of the damage which your article implies.

On behalf of myself and fellow students, I believe it is wrong to bracket all mining students as malicious vandals, due to the irresponsible acts of a very small minority.

Yours faithfully,
John A Lee

Camborne School of Mines

Dear Sir

I have recently received a copy of your article in FELIX, 'Cambourne on the Rampage'. I feel that your report is both biased and misleading.

There is no mention of the fact that it was an Imperial College (RSM) student who threw the plate at the Bottle Match Dinner.

As a result of this a Camborne School of Mines student, who was a guest, had to be taken to hospital with glass in his eye.

It would seem to me from my viewpoint at the top table, that Camborne student were restrained in their actions. Whilst I do not condone any acts of vandalism, I would put it to you that they were not entirely unprovoked.

I think that your article misleads the reader into thinking that all the damage was done by Camborne students. There is no evidence to suggest this is true.

The majority of the Camborne School of Mines students and the Royal School of Mines students were impeccably behaved, and I feel it is libellous of you to tar us all with the same brush.

Yours faithfully,
N Kirk Adams
Student President

Camborne School of Mines

FELIX

Don't look a gift horse in the mouth

The proposals for re-developing the refectories in the Sheffield building show that the College is at i ast waking up to the inadequacies of the present system (page 5).

Students have been complaining about the refectories from time immemorial. Indeed Mr Mooney's catering was even described in *The Times* this week as being of 'the stale bun and formica vintage'.

It would be churlish of us to oppose the spending of up to £500,000 on dragging the refectories into the modern world. But what we must ensure is that we, the students, get the best deal that we possibly can.

We must make sure that the 'new JCR' is going to be big enough. We must make sure that the sort of food provided is the sort that we want to eat.

So make sure that *our* representative to the College, the President, knows what we want. Turn up to the meeting in the SCR today and tell him.

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Why?

Dear Sir,

The advent of various entertainment and social events in College, heralded by many wonderful and colourful 'A1' type posters has renewed in me the overwhelming yearning for an answer to one of those timeless, seemingly inexplicable but simple 'why' questions:

Why do nearly all the posters have diagonal slashes cut in them?

yours inquisitively,
Malcolm Gray
EE2

Hyde Park Relay



The 37th annual Hyde Park Relay, hosted by IC Cross-Country Club, was won by Loughborough students on Saturday.

The Ladies race was won by the West London Institute. Full report page 17.

QMC revenge

Students from Queen Mary College immobilized an IC Union minibus last Wednesday as revenge for the violation of their mascot, Mary, by RCSU.

The two back wheels of the yellow transit van were removed and replaced by lumps of concrete, the rotor arm was removed and one of the front tyres was deflated. The words 'We want Mary back' were sprayed in foam on the side of the minibus.

The IC Union Executive have reacted strongly describing the act as pure vandalism. Deputy President, Dave Parry is

considering calling in the police, as minibuses are not violate mascots.

The Industrial Society used the minibus to transport a team to compete in a business quiz at QMC. They parked it within the grounds of the College and found it immobilized on their return. They managed to locate the President of QMC Union who appeared to be more interested in a football match and couldn't care less about the IC students' problems. The team left the minibus where it was and obtained a lift to College from one of the other teams.

Sabbatical Credibility

Nomination papers for the sabbatical election papers are taken down at 5.30pm today. In the next week students should expect to see and receive vast amounts of publicity from the candidates for President, Deputy President, Hon Sec and FELIX Editor.

The hustings UGM will be held next Thursday at 1.00pm in the Great hall when all the candidates will be invited to speak for three minutes. All

lectures on that day have been cancelled until 3.30pm to allow students to attend.

Candidates' manifestos will be printed in next week's FELIX and election trails will be played throughout the week on IC Radio.

Voting will take place in all departments on Monday 11 and Tuesday 12 March between 9.30am and 5.30pm. Voters must carry their Union Card.

Indsoc win

The Imperial College Industrial Society last Wednesday won the London Regional Heat of the prestigious Lloyds Bank Business Quiz. They will go on to take part in the National Finals to be held at IC on March 13. The team, Tim Bird, Caroline Foers (both Mech Eng 3) and Gareth Rowles (Physics 2) beat nine other student Industrial Societies from Universities as far apart as Cambridge and Surrey.

No-one was more astonished at the victory than the team members themselves, since the Imperial team has always previously been eliminated in the first round, and a number of the opposition teams were entirely composed of business studies students.

In the opening round, when the teams play off against one another in pairs, Imperial thrashed Sussex 45-8, but even more satisfaction was gained

from seeing Cambridge go down to a scratch Westfull College team. As Imperial was one of the four top-scorers, the team went on to the semi-finals drawn against Royal Holloway College and after a nail-biting contest the scores were level. In the tie-breaker, IC answered correctly and went through to the final round.

This remarkable evening concluded when the mighty Ealing College team was beaten 52-49 in another close match.

IC will now go on to compete against the teams who won the other regional heats for the Lloyd's Bank trophy.

Obituary

The death occurred on Wednesday morning of Professor J Munro PhD, DIC, CENG, FICE, FISTRUCTE.

Prof Munro was Head of the Civil Engineering Department and held the chair of civil engineering systems.

An obituary will appear next week.

When You Wanna Go

Who You Gonna Call ?

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When Things Go Wrong – Don Adlington

Student Counsellor

University students are on the whole a stable and resilient lot, but very few of them are likely to spend the whole of their student days floating on a sea of calm tranquillity. Things go wrong sometimes. The kinds of things that go wrong are as varied as human life itself and students are in no way immune to the contingencies of illness, of broken relationships, of loneliness and major disturbances as to goals, value and meaning. Nor, of course, are they immune from worries about money, accommodation and a multitude of other such mundane things either. Generally speaking, students' problems do not in themselves mark them off from their contemporaries outside university. What is special about the student is the degree of impact which such problems can have on his work. Academic work, with in-built time limitations, by common consent increasingly intense, and demanding a sustained high level of intellectual efficiency, is peculiarly susceptible to the destructive impact of anxiety and distress, whatever the source. In this special sense therefore, students' problems are always urgent.

It seems to me that when things go wrong the first thing to do is to talk about it. In one sense it doesn't really matter who you talk to, provided that you're listened to, the chance acquaintance in a pub or at a party might do, or, more likely, a personal friend. People frequently underestimate, and are subsequently surprised by, the real relief which follows from sharing one's distress or worry with another person. In the nature of things some students may turn as a matter of course to their parents, and indeed where a problem appears to have long-term implications, most students will not feel at ease until they have taken the family into their confidence.

Sometimes however, these informal sources of support may not be available, or sufficient, in which case it may be sensible to approach people in college who have an institutional responsibility for helping students. The most obvious person is the personal tutor, or the departmental senior tutor. Postgraduate students, and certainly research students are in a slightly different position, but the principle is that academic staff have, *inter alia*, a pastoral role, remains the same. Women students should be aware that there is a senior tutor (Mrs Cunningham, in the Department of Computing) specifically appointed to talk to them, Hall and House wardens are another group of people who are easily approachable—who would readily accept a

first-line responsibility for discussing personal problems.

For reasons which may or may not be valid, students may in some circumstances feel reticent about taking their difficulties to teaching staff. The student-run Nightline service offers an alternative source of help and support and besides being totally separate from the college establishment is available when other people are not. Similarly the Chaplains offer confidential help to all students of the college irrespective of religious allegiance. There is no doubt however that the Health Centre and the Student Services Office, are the two most obvious and conspicuous sources of student support outside Departments, and while, clearly, they have different and well defined objectives, they have in common an express wish to be constructively helpful to the very large number of students who use their services each Session.

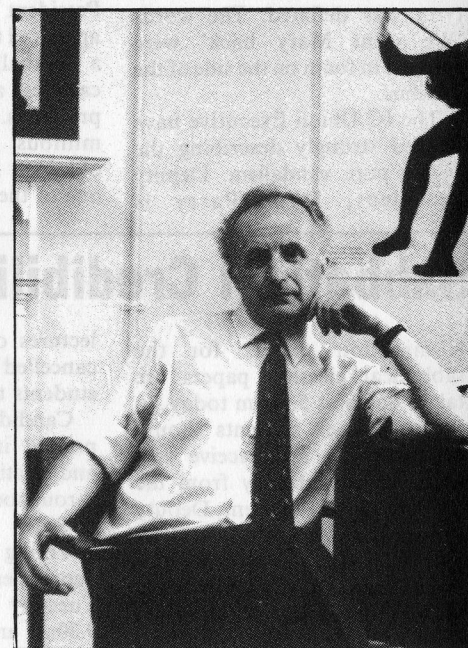
The student counsellor is in a slightly different (some would say privileged) position, in that he is in principle employed to do nothing else but talk to students. For this reason counsellors see far fewer students than doctors or student services staff, and for the same reason a counsellor's role is much less well understood. This is especially true perhaps, in a College of science and technology where a lot of students—and some of their teachers too—tend to see human behaviour in rather mechanistic terms. This way of looking at things almost always leads to over-simplification of complex situations because it ignores the fundamental fact that we live in a world of feeling. What dominates our lives, what motivates us, what stimulates us, what depresses us, what sustains us, are feelings about ourselves and about other people. When things go wrong for people, in any other than the most trivial matter, the opportunity of expressing feelings, and of having these feelings acknowledged by someone else, become important.

Counselling is a technical activity then, is profoundly concerned with the salience of feelings, of the emotional infrastructure of human life. It is also profoundly concerned with honesty, and it is this, perhaps more than anything else, which distinguishes a counselling relationship from other relationships. Counselling is nearly always friendly, but it is not friendship. When we talk to our friends or our relatives we are often seeking the comfort of an endorsement of our views. We don't really welcome insightful comment, analysis or motive, or any other

honest reaction, unless it happens to line up with ideas about ourselves that we have a strong wish not to disturb. Such an aversion to the disturbance of our preconceptions is, of course, normal in everyday life. The point is however that at times of crisis it may be important for a while at any rate, to look below the surface of what is going on. It is this component of honesty which gives counselling its 'cutting edge', and which, by the same token can sometimes make it a slightly disconcerting experience, though always, I would hope, a supportive one.

Counselling then is concerned with feelings and with honesty. It is also concerned with confidentiality. Discussions in my office are private, and I am not free to talk to tutors, supervisors or indeed anyone else about a student, unless the student himself explicitly and fully agrees to it. One implication of this is that from time to time I have to accept that students will choose to act in ways which would seem to me to be unwise or even potentially disastrous. My job is not 'solving people's problems'—it is helping people to solve their own. In reality the sources of anxiety and distress may well be things which cannot be changed, and the task of the individual may therefore be that of making a better shot at adapting to difficulties, and thereby minimising the damage they may cause.

If there are things you would like to talk about I would be very glad to see you, and I am easy to contact by phone on Internal 3041, or by calling at my office in the basement of 15, Prince's Gardens, immediately next to Weeks Hall.



Don Adlington in his Prince's Gardens Office.

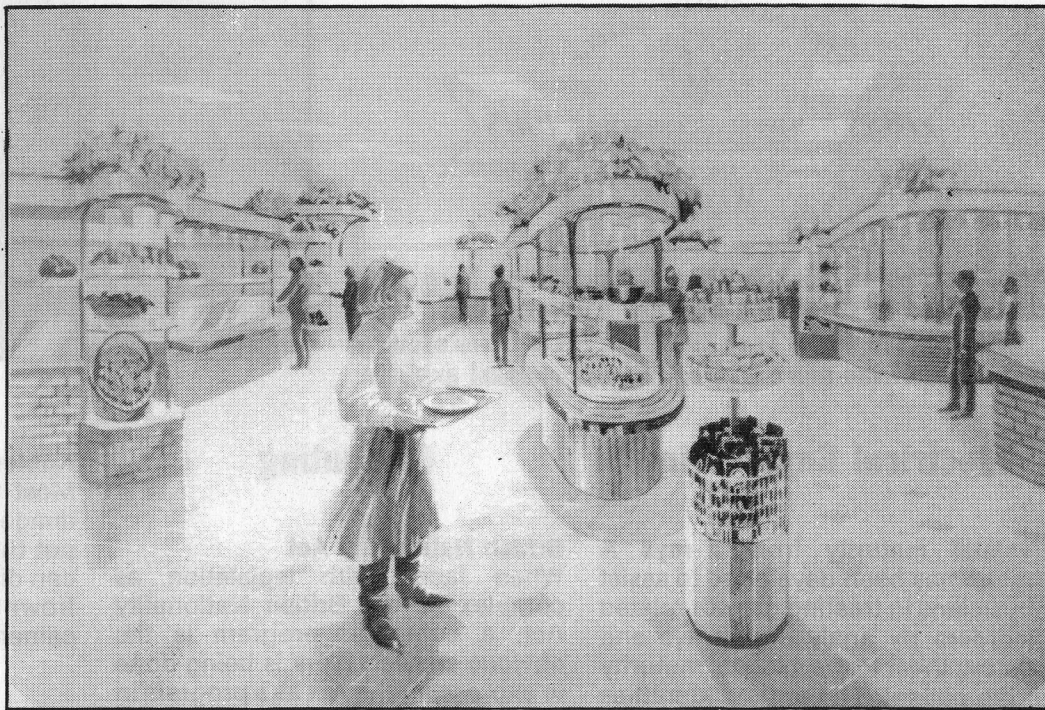
New refectory proposal unveiled

College officials are considering proposals to alter the refectory system to be funded by up to £½ million of loan finance.

A firm of consultants, Trican, were called in last year, and came up with a detailed plan on Monday. This proposal is at the moment very tentative.

Under the new system all food service is concentrated on level 2 of the Sheffield Building. Staff and students will enter a central food hall from the walkway. There they will have the choice of a fast take-away counter, a grill bar, and a full meal service. On leaving the food hall, students will go to the junior dining room (the present JCR), while staff will go to their own dining room, although there are proposals to desegregate the staff and student eating areas.

On level 1 of the Sheffield Building the existing main dining room will be divided up to form a smaller dining room and a new JCR, with purpose built bar. Access to the new JCR will be from the Queens Lawn area. New toilets will be built to service the JCR.



An artist's impression of what the main Food Hall might look like if the plans are adopted.

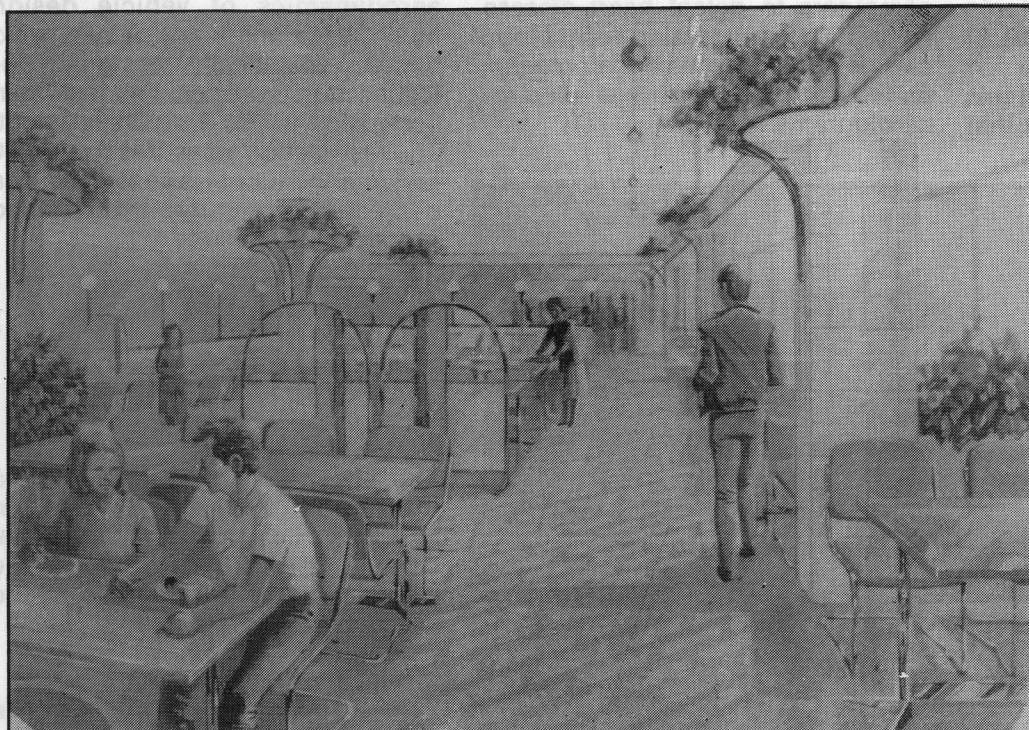
Under the new proposals all cooking will be done at the place of service. Raw food will be prepared on level 1 and then taken to the food hall for final cooking and serving.

Refectory committee Chairman Dr Simon Perry said that he hoped that the new system would lead to a vast improvement in the quality of food served.

'There are two or three potential major problems with the scheme. Even if everyone agrees to it, we may not be able to raise the funds required' he said.

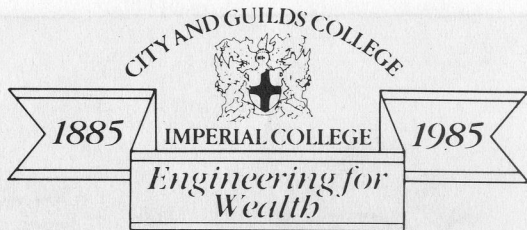
The major objections likely to come from students is that the new JCR may not be satisfactory for the same sort of events as the existing room. In particular Commemoration Day Ball and The Mines Ball require the use of the entire second level. This may not be possible under the new scheme.

The Union have been in on discussions on the proposals for some time. Union President Ian Bull is to hold an open meeting for all students to discuss the proposals, and make known any objections. The meeting will be at 1.00pm on Friday 1 March in the Union SCR.



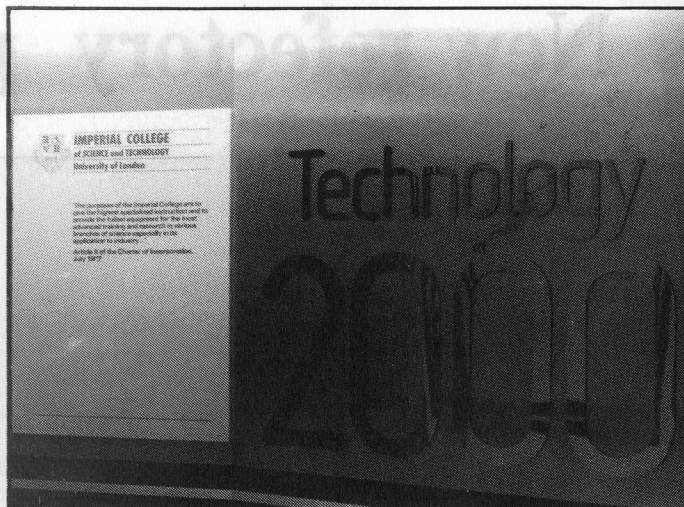
The proposed junior dining room, which would be situated in the present JCR.

Tech 2000



After months of planning, the JCR exhibition **Tech 2000** was opened by the Prime Minister on Wednesday.

With one full day of Tech 2000 left, **FELIX** takes a look at just a few of the more interesting and unusual exhibits.



Electrical Engineering

Skeletal maturity from X-rays A system has been developed to assist physicians in treating growth related disorders by analysing X-rays and relating them to the skeletal maturity of the patient. The system identifies each bone in a digitised X-ray and makes a maturity assessment based on the maturity of the individual bones.

Very large scale integration

The three exhibits on this topic illustrate its importance. VLSI involves getting millions of transistors on a chip. Design on this sub-micron scale is so complex that computers are used to assist.

Computing

British Nationality Act

When faced with legislation as complex as the British Nationality Act, a computer program is the obvious answer. Work is being done in expressing the Act as a program in logic which can be 'interrogated' to determine its application in a particular case.

Heart disease

A total contrast is the use of computers to detect heart disease early. Signal processing technology can be used to resolve the complex patterns of body surface electrocardiograms.

Kobler Unit

Most robots are blind. The 'Wisard' image recognition system seeks to put this right. The device on display can distinguish between a smile and frown on the person sitting in front its camera.

Aeronautical Engineering

Wind tunnel

Increasing fuel costs make the aerodynamics of vehicle design much more important. A new wind tunnel, specifically designed for testing road vehicles, has just been completed in the Aero Department. The test section measures 5 x 10 x 30 feet and the tunnel is controlled by a dedicated computer which also processes the results.

Mechanical Engineering

Design engineering

The Mech Eng department runs a joint postgraduate course in industrial design with the Royal College of Art. The fruit of one student's work is illustrated in the covered motorcycle.

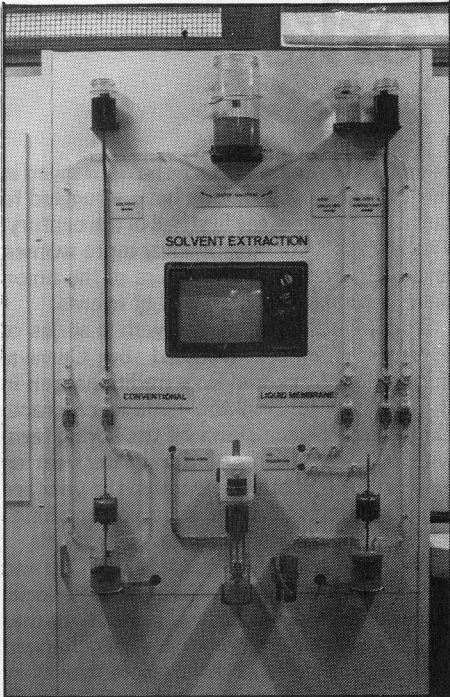
Artificial joints

The bionics section of the department is busy developing artificial joints, ligaments and tendons. The exhibits outline the progress of an elbow joint project.



Civil Engineering

Chemical Engineering



Extraction of metals

A new process has been developed for extracting metals from dilute aqueous solutions. Rather than using conventional solvent extraction, the solution is passed through a liquid membrane. This leads to a higher concentration of extract. The technique has obvious applications in waste water treatment, and also has biomedical uses.

Particle size distribution

How big are the droplets in an aerosol spray? Using a new laser technique the Chem Eng department have been able to find out. The aerosol is sprayed into one end of the apparatus—and a plot of the particle size distribution appears at the other end.

Feed the world

International and UK relief agencies have many problems in providing safe water supplies as quickly as possible in emergency situations. To assist with this problem, Oxfam and Imperial College have collaborated on a project to research, design and develop a series of water packs. These comprise equipment and materials in standard package form for easy transport to, and rapid installation at, the required location. During the current relief operation in Ethiopia, Oxfam have used many of the packs.

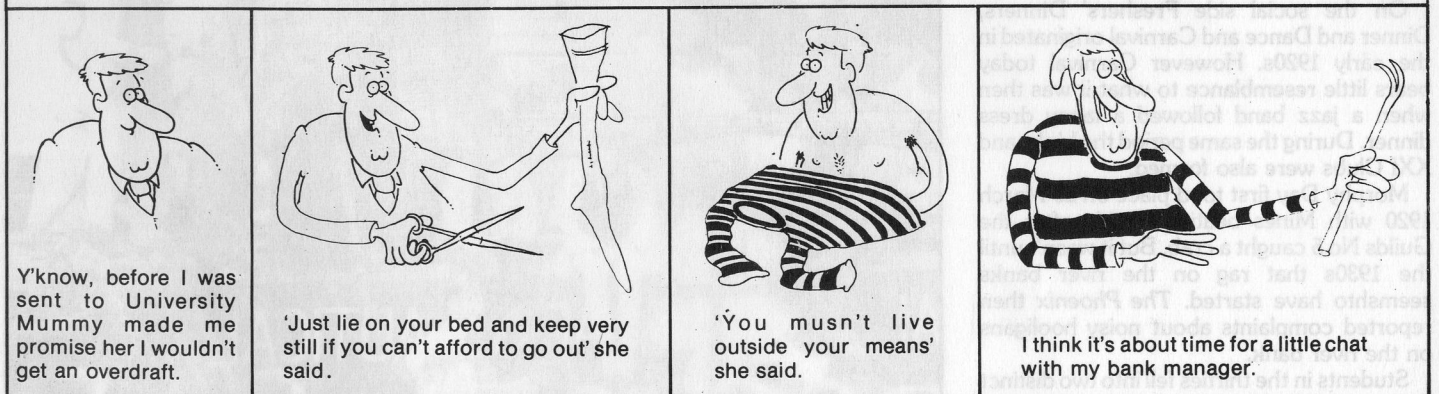
Sewers

Fed up with having to replace your worn-out sewers? According to Civ Eng this is an expensive and disruptive operation. The department is working on developing methods for renovating sewers instead.



Raymond the world's most boring student

by Finian



A Spanner in the Works

A brief history of Guilds Union and mascotry

By kind permission of the editor of The Central

Within City and Guilds College it has always been recognised that students need an organisation to help them develop socially and athletically. For this reason the union was founded in 1898 by M Solomon and H C Armstrong, the first honorary secretary.

The Union, though, was not the first organisation to promote social events within College. That honour goes to the Boat Club which in 1889 raced against RCS and RSM. The Union itself came from the merger of two existing clubs, the Chemical Society and the Engineering Society. Both of these had been organising work visits and talks for several years. They united as a way of extending their programmes.

Following this amalgamation, the Union grew rapidly until the start of the First World War. A gazette was produced which featured students' opinions and stories. They had rugby and football teams who played against other colleges. Students held debates and they even had an annual dinner in the drawing office.

Rag as a method of raising money was not started until the 1950s, but in the 1900s, students still organised rag events at major sporting events. In 1910, the *Morning Leader* reported students arriving at an RCS v Barts Hospital rugby match in pyjamas.

The First War changed the direction of the union's development. It resulted in a cut in the number of students and as a result most of the traditional events could not take place. This led to changes. First, Imperial College Union which gained a building in 1911, actually started to organise social events as a method of pooling resources. Second when the war ended many new social events, which have lasted to the present day, were organised.

On the social side Freshers' Dinners, Dinner and Dance and Carnival originated in the early 1920s. However Carnival today bears little resemblance to what it was then when a jazz band followed a fancy dress dinner. During the same period the Links and XXI Clubs were also formed.

Morphy Day first took place on 25 March 1920 with Mines beating Guilds after the Guilds No 5 caught a crab. But it wasn't until the 1930s that rag on the river banks seems to have started. *The Phoenix* then reported complaints about noisy hooligans on the river bank.

Students in the thirties fell into two distinct groups. A E Berry, who was the President in

1933, described it when he said there was 'work and brown-bagging on the one hand and women on the other'. This was partly because of the long distances many students lived from College and partly because many of the poorer students could not afford to keep up an active social life.

By 1939, the social and sporting calendar resembled that of the modern union in many ways. Guilds had even gained a second mascot, a set of pawnbrokers balls painted in City and Guilds colours.

The Second World War again led to a reduction in the number of students. But unlike the First War, there was no significant change in the number or type of social events organised through the union. After the war, however events began to change slowly with the trends. Pop and rock replaced jazz as the music of the day and 'hops' and later 'gigs' were introduced.

Carnival too changed, with the fancy dress and then the dinner itself being dropped. In rag, tiddleywinks and carol singing became recognised as fund raising methods and women broke down one of the male bastions by being allowed to attend Freshers' Dinners.

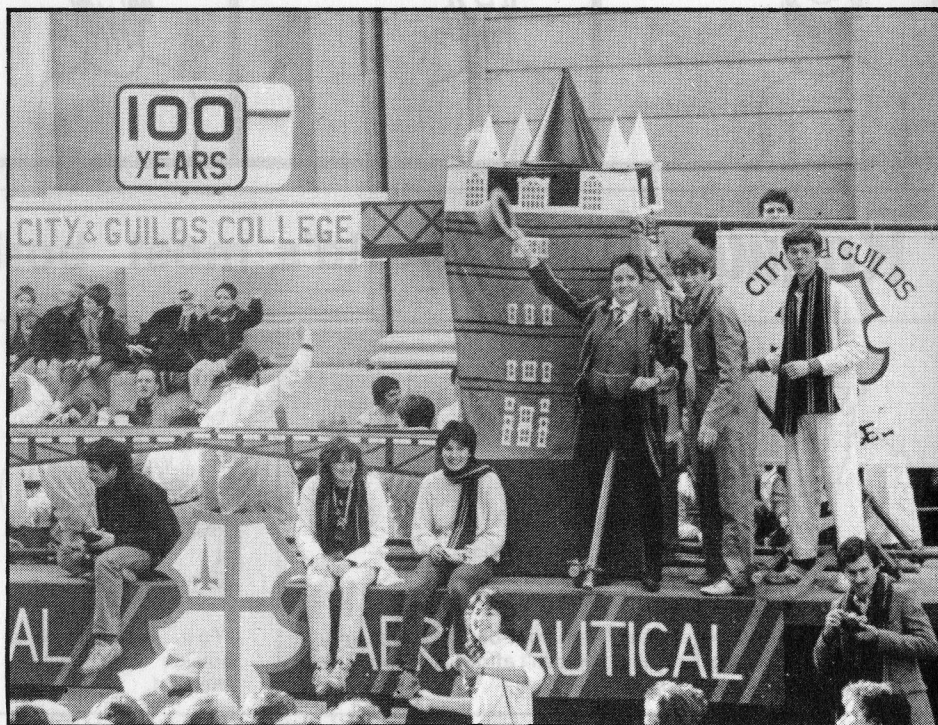
These factors served to form the union Social Calendar as it appears today.

Significantly, union activities have changed in the 1980s as the students have struggled to pull College out of the first half of the century. The admission of substantially more women and their interest in the affairs of the union have improved the standard of events.

Today's calendar begins with a series of Freshers' Dinners followed by Carnival during Rag Week and Bo's traditional run in the London to Brighton vintage car race. Dinner and Dance starts off the spring term with activities tailing off during the year as exams loom. Scattered through the year are rag stunts around London, union meetings and rugby sevens and soccer 6s festivals.

Nearly 65 years have passed since City and Guilds Union first acquired a special students' car, or 'motorised mascot'. In that time, Boanerges or 'son of fire' has changed its body once and its colours more than a few times. The principle of Bo remains unchanged—that the car should be a focus of union social and sporting activity and should take part in the annual London to Brighton veteran car race which takes place each November. Bo' has only failed to complete the run twice in the last 50 years.

Non eligibility for the run saw the demise of the first motorised mascot, a 1909 single cylinder Rover. The Rover was first acquired around 1920 when it is believed to have been abandoned by South African students following a motoring holiday in Scotland. Bo's first task was to assist in the capture of Phineas, the University College mascot, though the result of this jaunt goes unrecorded.



Bo's quickly achieved notoriety when used by obviously politically motivated students in a protest against the then Prime Minister Ramsey MacDonald. On 30 October 1924, the *Daily Mail* reported that 'a delapidated motor car containing the life size effigy of Mr Ramsey MacDonald was last night pushed into Downing Street and left in front of No 10; the premier's official residence'. It was either done as a protest against a knighthood of a biscuit manufacturer or because 'Lord MacFarlane made a gift of a Rolls Royce to MacDonald'.

The car was christened Boanerges on 26 November 1925 by H G Jenkins using a bottle of beer. The name Boanerges is said to have come from a book by Ian Hay which refers to Boanerges, 'son of fire' though there is no record as to why a 'delapidated' 1909 Rover should be so named. It quickly became integrated into College life, regularly attending rag and sports events.

But the students' affection for the Rover quickly turned to disenchantment when a rule change by the Veteran Car Club made Bo ineligible for the Brighton run. So in 1934

City and Guilds union voted the princely sum of £40 for a replacement. Two students John Garland and Dick Riggle bought the present Bo from Lilleshall in Shropshire and towed it back to London. The replacement James and Browne appears to have been in better condition than the Rover despite being seven years older—in 1933 it averaged 23 mph from London to Brighton while the Rover averaged only 20 mph.

Old Bo was however not entirely out of favour. On being sold to a (presumed) student Peter Maxwell in 1936, it accompanied the James and Browne on the Brighton run until 1939. It was also used as a track-marshall's car at the Crystal Palace race track and was garaged there in 1939/40 until the army requisitioned the track. With its owner at war, and no other garaging available, it found itself flying the skies—through the Ministry of Aircraft Production's scrap collection programme.

New Bo—the 1902 James and Browne—continued to be one of the mainstays of College life, though surprisingly there was no official Union financing for its

maintenance; a 3d levy was made on each member of the College instead. But as time passed, Bo grew from being a students' car into a much respected rare veteran car—it is believed to be one of the first vehicles designed and built in Britain.

During the 1940s Bo ceased to be a violate mascot to prevent any further damage being incurred. In fact this move began the life of the present mascot Spanner, for in the past a spanner, being the largest tool available, was used as a defence against other colleges.

But that did not prevent Bo being stolen by Southampton University in the 1950s. Such was Bo's stature by this time, the theft and subsequent recovery attracted national TV and radio coverage—Bo also made the newspaper headlines around the same time after being caught speeding in the Brighton run.

In recent years Bo has undergone tremendous refurbishment with its present condition being better than for years. Following a desperate and apparently successful appeal for money in *The Central* 1976 (No 153), the throttle and advance retard controls have been repaired and the footbrake adjusted properly. Bo can now be driven by only one person, but the tradition of a kind of co-driver is unlikely to disappear. The car now has a beautiful new maroon coat to match Guilds colours with the College shield painted on in cream.

Bo goes out as often as possible to join in with union events, but outings are obviously limited in deference to its age and value.

Bo's companion on the last three London to Brighton runs has been the curiously named 'Derrick', a 1926 Ner-a-Car acquired by the Union in 1980.

Derrick was made in Kingston-on-Thames in 1926 and powered by a 350cc Blackburne side valve engine driving through a Sturmey-Archer three speed gearbox.



History of the College

The City and Guilds of London Institute for the Advancement of Technical Education was founded in 1878 by a number of Guilds of the City of London in association with the City Corporation.

The Institute placed in the forefront of its programme the establishment of 'a central Institution or College for the advanced education of those who had acquired sufficient knowledge of science or the arts to profit by instruction in the industrial application of these'. Various locations were considered before the Commissioners of the 1851 Exhibition offered a site in Exhibition Road at a peppercorn rent.

The foundation column of the Central Institution was laid in 1881 by the President of the Institute, the Prince of Wales, later King Edward VII. He opened the Institution in 1884. The first entrance examinations

were held in February 1885; students entered the College either by taking the examination or by transfer from Finsbury Technical College, which the Institute had set up in 1882.

The Central Institution was renamed 'The Central Technical College' in 1983.

The object of the Institution was 'to train technical teachers, proprietors and managers of chemical manufacturers and of other industrial works, as well as mechanical, civil and electrical engineers, architects, builders and persons engaged in our industries'.

The creation of the Institution was seen as part of a strategy to educate young people to regain Britain's trading and manufacturing power which had been ebbing since the Great Exhibition of 1851. Institutions in Europe and in the United States had been concentrating on the higher education of engineers for thirty or forty years.

In 1907 the Government accepted the Report of the Departmental Committee of the Board of Education which recommended the federation of three institutions of earlier origin which had settled in South Kensington at the end of the nineteenth century. They were to form one institution of the highest

standing for advanced technological education. In 1907 the City and Guilds of London Institute became the City and Guilds College, a Constituent College of the new Imperial College.

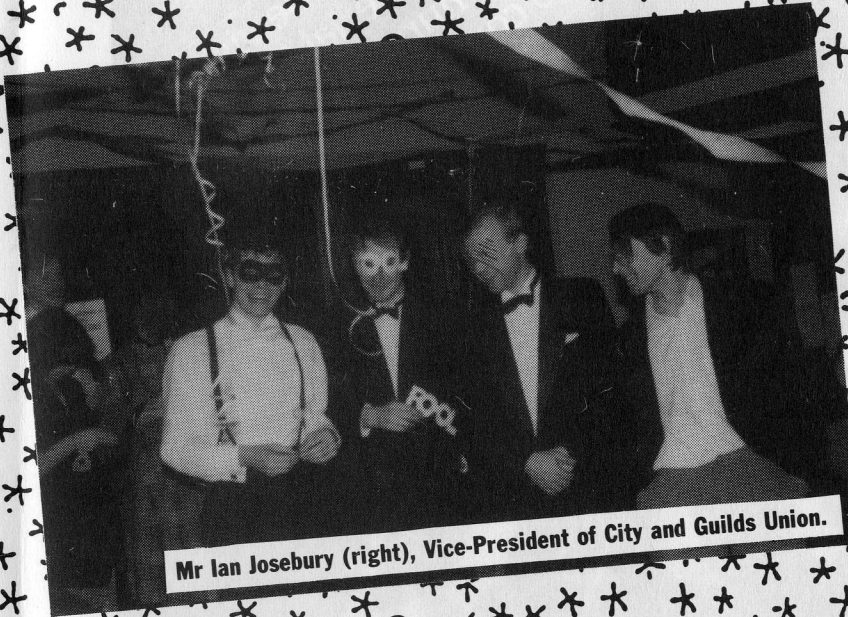
When in 1953 the Government invited Imperial College to lead the national attack on the problem of providing more university-trained scientists and engineers the City and Guilds College took its share in carrying out this operation. In 1965 Imperial College was designated by the Government as one of three specialised institutions which received financial priority to enable the development and expansion of technical education programmes.

In 1957 the first new building of City and Guilds College, for Aeronautics and Chemical Engineering, was opened by H M Queen Elizabeth, the Queen Mother; the last of the new engineering buildings, finished in 1967, was an extension for the same departments. This marked the completion of the rebuilding of the City and Guilds College; the Electrical Engineering building was occupied in 1962, followed by Civil Engineering in 1963, while Mechanical Engineering was rebuilt in four stages between 1959 and 1965.

Masquerade ball



Miss Ann Collins and a chain-mail friend.



Mr Ian Josebury (right), Vice-President of City and Guilds Union.



Mr Robin Jones



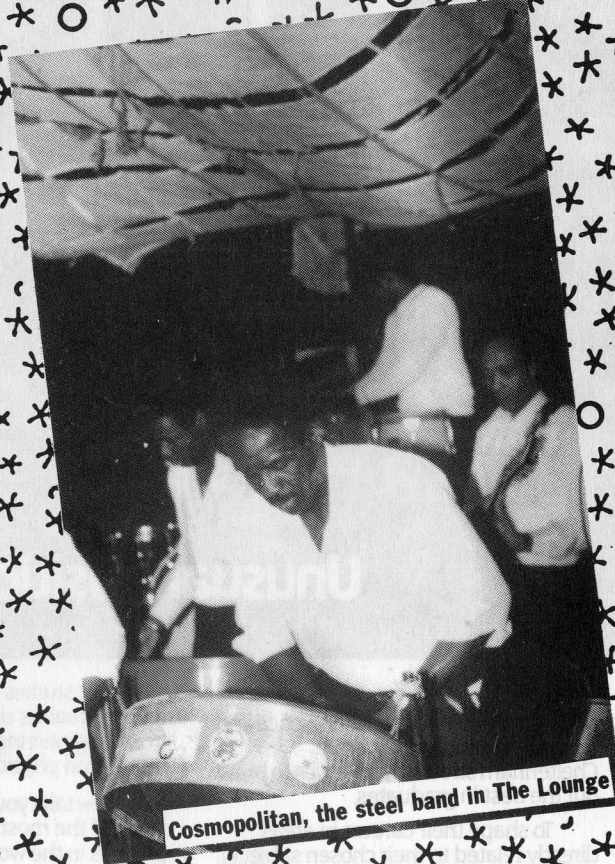
Mr Symon Corns and Mr Julian Ranger



Lieutenant Roger Preece and companion



Miss Maribel Anderson



Cosmopolitan, the steel band in The Lounge

We will be visiting
Imperial College
on Thursday, 7th March,
so come along and see us.



Unusual positions for graduates

The position is this.

As a leading figure in aerospace and defence, Smiths Industries in Cheltenham stretch themselves to bring out the best in graduates.

To shape their careers in areas directly related to their chosen subjects.


And to make it worth their while right from the word go.

Your studies are already taking you into the realms of electrical and electronic engineering, computer sciences or maths and physics.

Now take yourself into the realms of some of the most exciting avionics projects in the world.

In what must surely be one of Britain's most colourful environments.

Make that first move now—your college careers service has all the necessary information to help you apply, using a standard application form.

 **SMITHS INDUSTRIES**
Aerospace & Defence Systems

QT

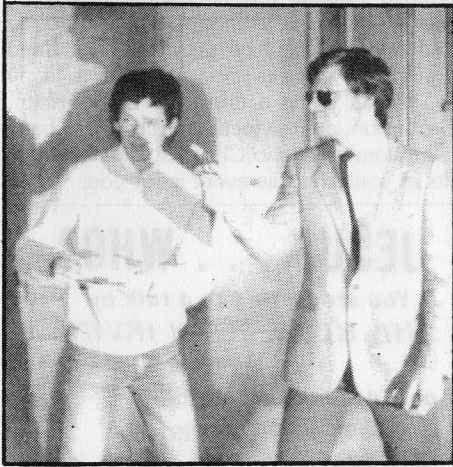
Bilge

When faced with yet another QT article many people ask themselves vital questions.

- 1 Who writes this bilge?
- 2 Why do I keep reading it?
- 3 Who won the cup in 1911?

Today we attempt to answer these and other important queries.

This high-quality text is written by a lone adventurer somewhere in IC. He then presents the text to a lowly man, who claims to be QT secretary, who reads it to the



assembled committee. Such has been the violence at these gatherings that the secretary uses a bodyguard to protect himself and the precious text.

The photo shows the reaction to last week's article where the bodyguard, in the form of QT's Publicity officer (newly released from the Scrubs) was forced to draw his loaded water-pistol to quell the crowd's reaction. The look of sheer horror can be seen as the secretary prepares to deliver the immortal line 'the room subsided into the basement'. (Bradford City won the Cup in 1911—ED).

As a follow up to the amazingly successful 'St Valentines Day Comedy Massacre' QT is proud to present, in association with J Soc, 'Not the St Valentines Day Comedy Massacre'.

This show stars two stand up comedians. Firstly, Arnold Brown, a founder member of 'Comic Strip' with many TV appearances including 'The Young Ones'.

Secondly, Ivor Dembina, part of a long tradition of Jewish comedians: Groucho Marx, Woody Allen and Sir Keith Joseph. If he becomes famous he promises not to end up obnoxious like Mel Brooks. He points out that there are more Jewish comedians in New York alone than in the whole of Biggin Hill.

This event is to be held on Thursday 7 March in Physics Lecture Theatre 1. Admission is 30p for members and 50p for non-members, with free QT membership thrown in. Buy now whilst stocks last!

DEBSOC

Nuclear Disengagement for Britain

The issue of nuclear arms remains a dominant one in UK politics and over the past two years the Society has debated a number of aspects of the issue. On Tuesday March 5 at 1.00pm in Chemical Engineering LT 2, the motion will be 'This House Supports Nuclear Disengagement for Britain'.

The speakers are two lecturers within the College Proposing is Dr Philip Webber who is a member of SANA (Scientists Against Nuclear Arms). He has written two books: 'London After The Bomb' and 'Crisis Over Cruise'.

Opposing the motion is Dr Brian Levitt who is a former Mayor of Kensington and Chelsea and is currently a member of ILEA.

As always, speeches and questions from the audience are welcome.

E&W Ernst & Whinney

'I'M INTERESTED IN GETTING INTO BUSINESS
BUT WANT TO KNOW MORE ABOUT IT'

Is that you?

Ernst & Whinney are offering students who are in their *penultimate* year and who have done some Accounting or Economics as part of their degree the chance to participate in their

'ACCOUNTANT'S WORLD' COURSE

involving a business game, case studies and presentations covering an introduction to business finance.

It will include: How business uses Management Consultancy; An overview of taxation advice; Establishing the viability of a company; How computers help business; What insolvency means and Making the most of your own application.

Course will be held at:

MANCHESTER UNIVERSITY on 10/11 APRIL 1985

and

WARWICK UNIVERISTY on 13/14 APRIL 1985

Places are limited to approximately 50 per course. Those invited will receive accommodation, all meals and reimbursement of reasonable travelling expenses incurred. Application forms can be obtained either from your Careers Service or Jenny Hale, Student Recruitment, Ernst & Whinney, Becket House, 1 Lambeth Palace Road, London SE1 7EU. Tel: 01-928 2000. The closing date for applications is 15 March 1985.

SF SOC

Fantasy Famine

The TV announcer shuffled his papers. 'And now we move to the power cut areas. Tonight, from 10.00pm to 6.00am, there will be power downs in the South-West, East, North-East and Central Zones'. He moved to a different sheet of paper and continued. 'The remaining Northern, Western and Southern zones will have reduced voltage. And now back to the headlines. Rioting continues tonight in North London, Liverpool and parts of Manchester. It is thought that recent food shortage, due to transport difficulties, sparked off the violence.

The Carbon-dioxide bubble off the Shetlands continues to threaten to move inland; emergency oxygen supplies have been issued to 30% of the population.

'Estimated deaths due to famine this year in Africa, Asia, Central and South America today rose to over 100 million. The Communist Block countries refuse to release details on how this years global crop failure has affected them, though it is thought that they are suffering severe problems with food supplies.

Finally, scientists reported today that the crop failures were probably due to high levels of dust and ash in the atmosphere. The abnormally high amounts of atmospheric ash

recorded recently has been attributed to the increased use of Biomass power around the world'. Click. Best to leave the damn thing off, I thought, nothing but bad news anymore. Rioting in Birmingham—rubbish. Might as well go for a walk before the power down.

I got my hat and coat from the wall, and, just in case, took down my smog-respirator. CO₂ readings were up twelve points today. I locked the door and took the stairs to ground level, the lift was probably already turned off.

I left the flats and walked past the smoke blackened walls of the nearby buildings towards the park. Not that it was much of a park anymore. As with free land everywhere, after the crop failure it had been turned either into Biomass production or food land. The different sections made a spectacle, the browned—off stunted wheat, or the decrepit willow scrub. Nothing was growing properly. The main problem, apart from the permanently shrouded sun, was that since last years failure they didn't have enough power to produce fertilizers. What with that and the petrol shortage I'd be surprised if things ever got going again. The government, as usual, was putting on a brave face and twiddling its thumbs, hoping it would all get better. Well this time they're wrong, I thought. not a bang but a whimper. Our fate was really sealed when they shut all the nukes even after the 3-mile-Island meltdown...

No more gloom and despondancy, help is at hand in the form of SF SOC's own convention Picocon. Twelve hours of fun, films and frolics on Saturday 9 March.

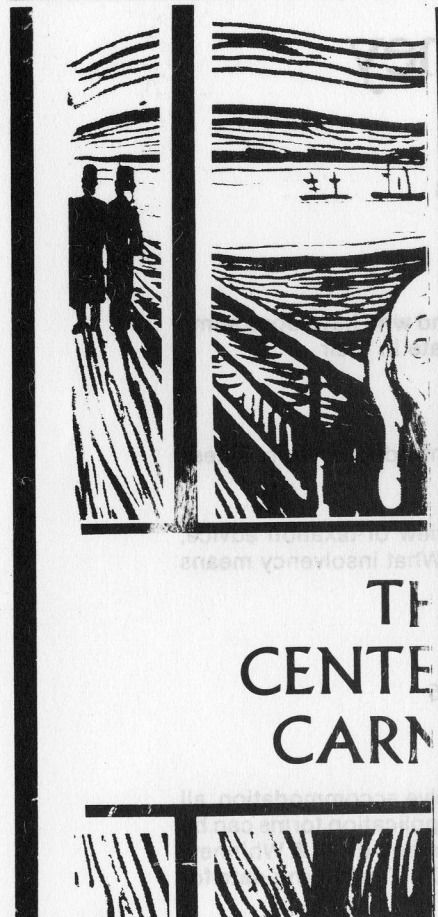
Featured are famous guest speakers, feature films (mostly, but not all, science fiction), and the renowned SFSoc games. Who are PPSoc and will they come out of the closet to play Call My Bluff at Picocon? This and many more questions will be answered somewhere, sometime, somehow (I hope). PS 2001 coming soon (plus the 2010 trip).

GODSoc

Irvine's Message

On 5 March, The Revd John Irvine will give a presentation of the Christian message entitled 'Popular Misconceptions of Christ'. The evening will include music and drama and free food will be provided. The Revd John Irvine is a well known speaker to many in college, being a curate at Holy Trinity, Brompton, a large local church. If you have ever wondered who Christ is, and where He fits in your life, this event is for you.

JESUS . . . WHO?
 You are invited to a talk by
THE REVD. JOHN IRVINE
 WITH MUSIC AND DRAMA
 on Tuesday 5th March
 7p.m. Union Dining Hall
 All Welcome. Food Provided



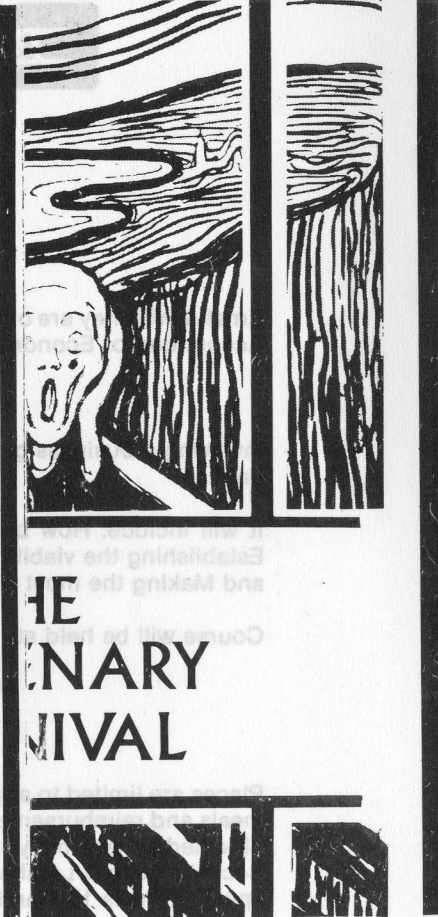
'The March afternoon, judged at the window, had blundered back into autumn; it had been raining for hours, and the colour of the rain, the colour of the air, of the mud, of the opposite houses, of life altogether, in so grim a joke, so idiotic a masquerade, was an unutterable dirty brown'.

IMPERIAL COLLEGE ENTERTAINMENTS PRESENTS "THE CENTENARY CARNIVAL"

7PM	Disco	Senior Common Room
7-30 PM	Jazz Band	The Lounge
8-15 PM	The Wait	Concert Hall
8-30 PM	Comedians:	
	Jan Macpherson	
	Mark Steele	The Lounge
8-45 PM	Steel Band	Union Dining Hall
9-15 PM	Disco	The Lounge
9-30 PM	Rent Party	Concert Hall
10-15 PM	Steel Band	
	with limbo dancer	
	King Gabby	Union Dining Hall
10-30 PM	John Cooper-Clarke	The Lounge
11-15 PM	Disco	The Lounge
11-15 PM	Eddie and the Hot Rods	Concert Hall
2 AM	Films: "This is Spinal Tap"	
	"Midnight Express"	Concert Hall
Barbeque from 7pm outside	I.C. Union Building	Concert Hall
Cocktails in the U.D.H.		
Bar extension until 2 AM	U.D.H.	S.C.R.
Free coffee and toast served during the films	The lounge	Bar

FRIDAY 1st MARCH, DOORS OPEN 7pm
 TICKETS £3-50 (£4-00 ON THE DOOR)
 I.C. UNION, PRINCE CONSORT RD, SW7

'The Lone Ranger turned to M, nostrils quivering in distaste, a strange, grim smile playing upon his lips. 'Piss off!' he said.'



JAZZ

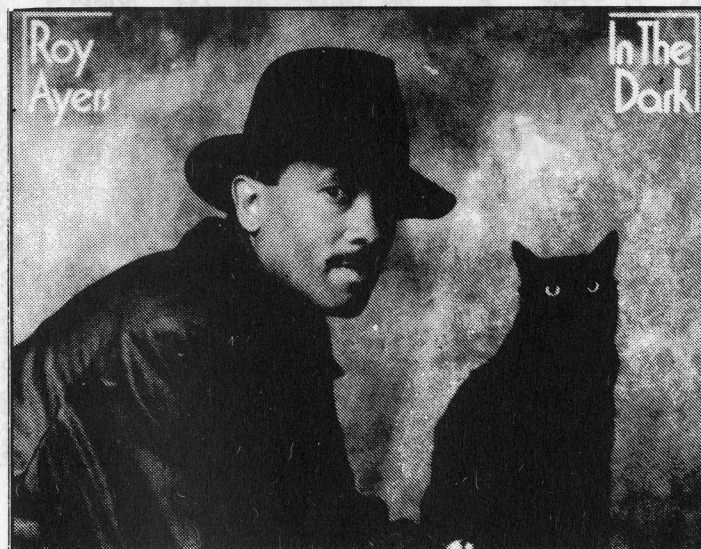
Blowin' the Blues-fuse

□ Art Blakey returned to London again last week for a fortnight in residence at Ronnie Scott's. It seems that Ronnie's repertoire is taking a distinctly perennial turn: the same blooms come up year after year. Blakey's line up was the same too; featuring Donald 'Duck' Harrison on alto and saxello, and Art's new right hand man, trumpeter Terence Blanchard. Impeccable artists all, but after all the pre-publicity (this year is the club's silver anniversary) and admission £4 a head at student rate, I expected a little more than jazz repertoire I had heard a year ago. A week at the club had begun to jade the musicians who were given precious little time to warm up, playing two sets rather than the usual three. Still the evening produced fine alto-ballad from Harrison—though you had to get in early to see it—and some tight relievedly unobtrusive drum work by Blakey, if a little uninspiring at times.

□ It would appear Ronnie seems to have taken an aversion to us 'young people'. His house magazine, issued free on entry, delights in praising the merits of 'the

veterans' whilst backhandedly taking out the young people he's supposedly trying to encourage. After BBC2's showing of 'The Long Night of Lady Day', about the tragic life of Billie Holiday, Scott was pleased to report a total sell-out of all Billie's material at Rag's Jazz Shop, Seven Dials: 'It shows, doesn't it' he said, 'That the media could play an important role in Jazz particularly among young people fed on a sustained diet of rock and roll. But our music remains the Cinderella of TV and radio'. For a man with his finger on the world of jazz, that's a pretty introverted thing to say. Take a walk down to the soul-clubs, Ronnie; learn a thing or two: and ask your friend Ray just *who bought* all those Billie Holiday records. Attitudes such as these will kill off the Jazz Revival before it has even had time to put a horn to its lips.

□ Not so the blues. Norman Jewison's latest film, 'A Soldiers's Story' has taken off in the States (it has been nominated for Best Film, in the forthcoming Oscars long before release over here), but may well sink without a trace in Britain despite widespread



SINGLES

45 rpm

David Lee Roth: California Girls

Van Helen's Roker has given a remarkably faithful reproduction of this Beach Boys classic, but with an '80's style production, and superb 'I dig those guuurlls' cries I think this could have at least as much success over here as it has in the states (currently no 8).

Stranglers: Let me Down Easy

Taken from the excellent *Aural Sculpture* album, this is perhaps a surprising choice for a single, Overly moody, the 'Men in Black' get more opaque with every new release. They go to an awful lot of trouble to basically say 'I am knackered'.

Prince and the Revolution: Let's Go Crazy

Ol' Prance has been getting a lot of stick recently. Yes he's a prat. Yes, he's selfish. Yes, he's hyped. But—he makes great music. From the *Purple*

Rain soundtrack this has a great rock feel but is still intelligible. Watch for the amazing guitar break at the end. Brilliance!

Matt Bianco: More Than I Can Bear

Beautifully relaxed remix with lots of 'Ooohs and Aaaahs in the background. I love this band and find it very difficult to slag them off—and I have to admit this is equally as good as any of their previous hits—jazz-funk—soul—pop crossover. I still wish they'd do something new though.

The Firm: Radiactive

The pressure on me to give this a good review is well out of order. Jimmy Page fans get very overprotective. It's OK I guess but a little bland for my taste. With such great musicians you'd think they'd at least produce a good rock single instead of a cheap Asia imitation. Sorry guys!

press publicity. The film is based on a three day investigation by Washington Military Police into the murder of a black US officer in an army training camp in the mid West. It is an exceptionally well structured film, building suspense perfectly and using dated theatrical production techniques to provide a nostalgic fifties ambience to the movie. The real strength, however, lies in Herbie Hancock's blues soundtrack threading the whole movie together. Ignore the overclubs and the mimed lyrics, lie back and enjoy it for the cotton-picking blues it is.

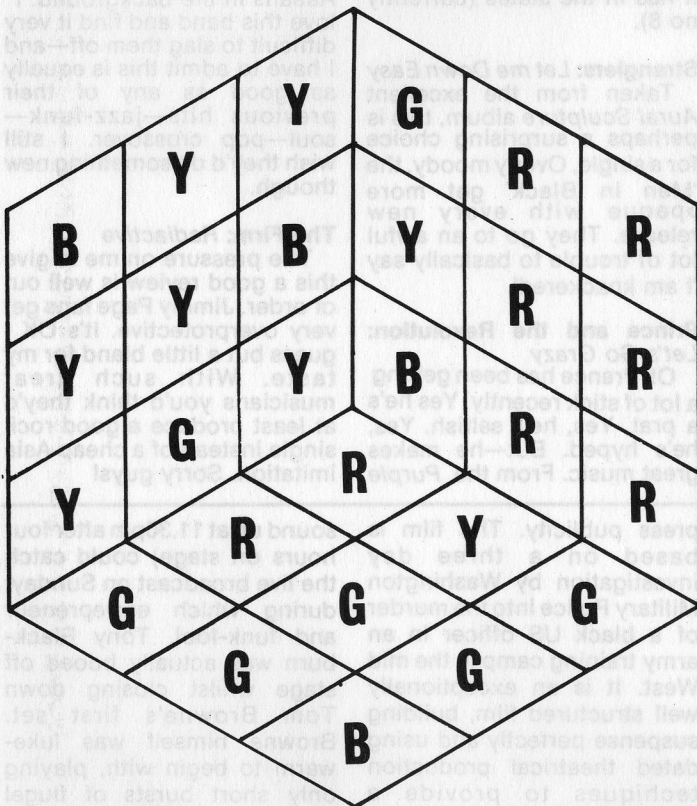
□ On the fearsome side of funk, Radio London's latest venture was to team up with CBS to provide a mammoth concert at the Hammersmith Odeon called the New York Jazz Explosion, (Tom Browne, Jean Craig, Lonnie Liston Smith and xylophonist and MC Roy Ayers.). Those unlucky people who missed the Saturday set (the concert

sound up at 11.30pm after four hours on stage) could catch the live broadcast on Sunday, during which entrepreneur and funk-fool, Tony Blackburn was actually booed off stage whilst closing down Tom Browne's first set. Browne himself was lukewarm to begin with, playing only short bursts of flugel horn over Smith's reserved keyboard work. But of course there was Ayers. After an excellent set by the uncredited vocalist Dubois Jackson, he played three cuts from his new LP, 'In The Dark', before closing the show with some old work from Jean Craig, a flagged and flamboyant wailer wearing one of those glittery dresses made out of millions of screwed up chocolate wrappers. If Ayers led the show, she led the crowd (by the nose). This was an explosive evening, something London rarely sees; let's hope there are many more to come.

Tinker

I thought of this fortnights puzzle only last week whilst passing the time with my Rubiks cube.

Such a cube, with six 'complete' sides, (sides which show only one colour), has it's Red side opposite its Orange side. The other sides are White, Blue, Green and Yellow. It has been manually disassembled and put back in the configuration depicted below.



Draw the cube as seen from the opposite direction given that now only one side is 'complete'.

There are eight trivially different solutions, you need only quote one of them. The puzzle can be solved without using trial and error, and requires no knowledge of a real Rubiks cube. **GRADE FOUR**

The solution to last weeks puzzle was 'George, whereas Jason had had 'had', had had 'had had', 'had had' had had the teachers approval. There was only one correct solution, from Jeremy Smith of Physics 3. He was randomly chosen from the hat and may collect his £5 cheque from the FELIX Office after Wednesday.

Just to remind everyone of the grading system here are the definitions.

- GRADE 1 — EASY
- GRADE 2 — NORMAL
- GRADE 3 — INTERESTING
- GRADE 4 — DIFFICULT
- GRADE 5 — DON'T KNOW—I COULDN'T DO IT!

Jumble Sale

Friday 15th March
IC Union (Beit)

10.00 am-4.00pm

Best Bargains
Clothes, Sportswear, Toys
etc.... &
DELICIOUS
HOME MADE CAKES!
Don't miss it!

adm:10p in aid of
orphans in Egypt

The Civil Engineering Society

... PROUDLY INVITE YOU TO THE

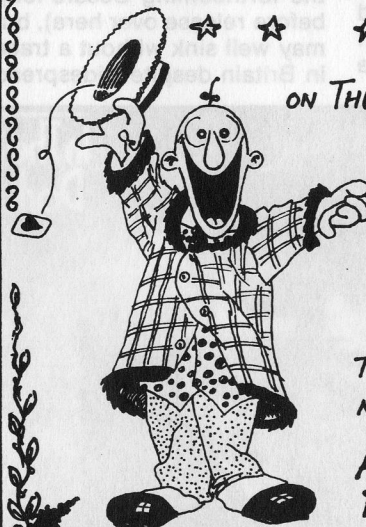
ANNUAL DINNER

ON THURSDAY 14th MARCH

AT THE
REMBRANDT HOTEL,
KNIGHTSBRIDGE

Tickets £12.50 on sale
NOW from year reps.

AN EVENT NOT TO
BE MISSED !!



Rowing to Victory



ROWING

Last weekend was another successful one for Imperial College Boat Club. The novice-ranked squad, fresh from their recent success at Henly Fours Head (see FELIX passed) entered both the Fours and the Eights division at the Burway Head. In the morning's race, two Fours gained a first and a fourth placing in the Novice category, the first placed crew winning a set of new oars for their club (worth £400) which were donated by a local manufacturer. More pleasing still was the absolute placing of their crew, whose time was faster than that of any in the three senior classes, being beaten only by (some) of the Elite crews present.

For the afternoon's race this winning crew doubled up with four fresh oarsmen to contest the Eights division, where they completed the double by winning the Novice shield. The overall placing was again pleasing, allowing international coach Bill Mason a wide choice of vanquished senior oarsmen with whom to discuss the result.

Elsewhere, Imperial's own senior crew gained a notable victory when they won the—University of London Head race by 0.04 seconds. This was particularly creditable since the second placed crew, Charing Cross Hospital, had conceded no more than a length when beaten by the Novice squad in the Allom Cup last term. Keep telling us Bill—it seems to work!

Photo: left to right: Nigel Reynolds, Chas Belvens, Ed Love, Peter Carle (cox) Jerry Sutton (Who presented the blades), Dave Jackson.

TABLE TENNIS

The interhall table tennis tournament resumed in style on Saturday 16 February, with the top three seeds of each of the five participating halls eager to uncover their astonishing skills.

Falmouth's recovery from the bottom position deserves a special mention. Aided by the stunning performances of G Cant and N Ting, who won all four of their respective matches, Falmouth managed to amass a total of 42 points, enough to put them ahead of Selkirk and a

whisker before Garden hall. Only Lam Fung of Linstead came any close to beating G Cant who, incidentally, is also the current IC no 1!

Linstead, however, in spite of their brave fight for the championship, managed to lose their top position to the Weeks hall.

Talking about Weeks, two of their lethal players, O Davis and S Mansour, did particularly well to break a number of balls. As one spectator aptly put it 'You will have done well if you could see the ball, let alone stop their smashes'.

It is hard to pick out the man of the tournament since there are several top players in the same position. All Selkirk players, however, have shown every bit of their social responsibility by actively participating in the tournament, without a table being available in their hall for the practice.

Special thanks to A Warren (Weeks), J Downes (Selkirk), M Thompson (Falmouth), S Sadig (Garden), V Ibbotson (Physics 1), and E George (Computing 1) for their valuable help in the organisation of this exciting tournament.

HOCKEY

Sunday found a largely inexperienced and experimental side travelling down to Portsmouth for an indoor tournament and finding itself in the tougher of the two groups. Our first opposition were Fareham, national indoor finalist and eventual winners of the competition, and although they found it difficult to penetrate our defense at short corners was far too well drilled and ended up comfortable winners. The second game, vs Camberly, was disastrous and very little need be said about that game our third games, vs OPCS saw some re-balance of organisation return to the team, with IC unlucky not to win the game, since OPCS equalised in the last minute and IC missing a penalty flick. The game against the hosts team, our fourth game was a low scoring, hard fought game with again IC unlucky not to come out victors. This non-winning streak was at last reversed against Pierelli who found our quickly improving attack too much to

cope with. McKormick (2), Craston (1) and Oliver (2) gave IC an comfortable 5—2 victory. Our final game, vs OE's was a very entertaining game. The opposition required 8 goals to qualify and thus the game turned out to be good humoured and enjoyable. Stewart scored from a shot corner and had another disallowed, whilst Dubenski was at the centre of the most amusing incident of the afternoon when he was sent diving in an attempt to make a hand stop at a short corner.

The team thus finished fourth out of seven in their group in an event that could be seen as very useful experience since the UAU indoor championships are rapidly approaching.

CROSS

COUNTRY

The 37th annual Hyde Park Relay, hosted by the Cross-Country Club, took place in Hyde Park on Saturday. The warm weather made the race enjoyable for the spectators, but some of the runners had difficulty finding their way through the crowds. Predictably, Loughborough Students won the six-man three-mile race for the fourth time in five years. London University were eighth, with Imperial's Graham Harker running his lap in 14:41, but Imperial College's own team finished well down the field. The Ladies' race saw West London Institute hold off Loughborough for the team race, with London sixth. After the race Kelvin Acford and Clare Willson pulled off their five-loaves-and-two-fishes trick, and succeeded in feeding the hungry masses thanks to all those who helped with the race.

Mens

Loughborough Students 83:48
Newcastle Old Boys (Guests) 84:08

Nat West Bank (Guest) 84:38
Birmingham University 85:07
West London Institute 85:45
Fastest Laps: Dave Clarke (Guest) 13:40

Dave Buzza (Loughborough) and Andy Bristow (Birmingham) 13:43

Ladies (4x2 miles)
West London Institute 47:09
Loughborough Students 47:51
Cambridge University 48:17
Fastest Lap: Alison Hollington (Bedford College) 11:00 (course record).

HOCKEY

Frozen

3rd XI Hockey vs National Physics Laboratories

Once again it was left to the 3rd XI to save the honour of IC Hockey, with our 3-1 victory over NPL being the only hockey victory last weekend. The game started scrappily and it appeared that most of our team had not defrosted enough after the big freeze. NPL took full advantage of our frigidity and after about 10 minutes managed to score after a scramble on our line during which numerous offences were committed but all went unpunished. This indignity managed to thaw the team out and a swift counter attack was launched, with Dick Wellis managing to put the ball in the net after another scramble on the goal line. NPL were now subdued although it still proved difficult to get through their defence (mainly because of its



sheer size), but Dick Ellis managed to get a neat touch on a ball across the face of the goal to put us 2-1 up at half time.

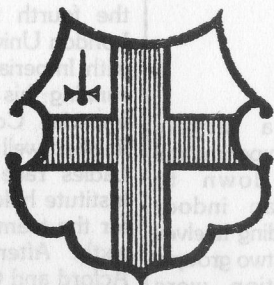
In the second half IC's game was much more fluid (ie unfrozen) although the defence remained solid, thanks to Capt Chris Harris. The game was fairly even throughout most of this half with few scoring chances for either side.

The last goal come from Dave Gott who picked the ball up on the halfway line and ran the ball past all of the NPL defence (and one or two IC forwards) knocking the ball in having comprehensively beaten the goalie. This proved to be the only legal goal of the whole match.

Biggest disappointment of the day was Vernon being unable to break his fifth stick this season

(better luck next week) and Sgt Pepper who, inspite of a new pair of boots could not bring his footballing skills to the fore.

The team: Chris Harris, Per Dullforce, Ian Mace, Steve Brooker, Vernon Morris, Dave Gott, Richard (Droopus) Ellis, Scott Fraser. Special Guest Stars: Jonathan West, James Ward.



CITY AND GUILDS SUPERBOWL

American Football Competition Sunday Match 10

A list of rules is available from the Guilds office.

**Teams of 10 or more
Please sign up in Union Office.**

the h.g.wells society

Annual Dinner

at

BistroVino



magic performed by
Martin S. Taylor
SEMI FORMAL DRESS

Friday 1

●**ICCND BOOKSHOP** 12.45pm JCR. Free tea, coffee and biscuits. Buy books cards, badges, join the club and enter our competition.

●**ISLAMIC SOCIETY** 1.00pm Union Building. Friday congregational prayers.

●**IC RADIO HIGHLIGHT** 1.00pm to 2.00pm 999KHz. The US charts with James and Ed. See if our friends across the ocean have as much taste as IC Radio DJ's!

●**CENTENARY CARNIVAL** 7.00pm Union Building. Surely you know by now... Price £3.50, £4 on the door. Ents.

●**IC RADIO HIGHLIGHT** 11.00pm to 6.00am (Saturday) 999KHz. The nightshift is on treble time. Great music all through the night all through the weekend (Friday, Saturday, Sunday).

Saturday 2

●**IC RADIO HIGHLIGHT** 9.00am to 12.00 noon 999KHz. DJ's Grekky Show with Guest presenter Alan Barnett and the triple track at ten twelve.

●**IC RADIO HIGHLIGHT** 12 noon until 6.00pm 999KHz. A whole afternoon of news, sport and otherwise, with good music and chat care of Pete Skelley. A one-off not to be missed.

Sunday 3

●**CHAPLAINCY SERVICE** 10.00am Consort Gallery Sheffield.

●**MASS** 11.30am and 6.00pm More House, 53 Cromwell Road. Mass, bar supper and talk.

●**WARGAMES MEETING** 1.00pm Union SCR. 10% discount on games, membership £1.50.

●**IC RADIO HIGHLIGHT** 2.00 to 5.00 999KHz. Dave The Box returns to IC Radio Sunday Afternoon Show—with stories from the Styxxx.

●**IC RADIO HIGHLIGHT** 7.00pm to 9.00pm 999KHz. A gentle approach to a variety of good music from Andy Dunn.

Monday 4

●**ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office. Come along and find out about the activities of the Community Action Group.

●**HANG GLIDING MEETING** 12.30pm Southside Upper Lounge.

●**WATERSKI CLUB MEETING** 12.30pm above Southside Bar. The ice has thawed at last sign up for Wednesday and Saturday skiing.

●**FILM ON CHILE** 12.45pm Elec Eng 403a. Third World First/Latin American Society joint meeting with guest speaker.

●**SCIENTISTS AGAINST NUCLEAR ARMS** 5.30pm Level 8 Common Room, Physics. Introductory meeting.

●**CHRISTIAN UNION** 5.30pm Green Committee Room, Union 5th floor. Meet for prayer each Monday till 6.30pm

●**BIOTECHNOLOGY SPEAKER MEETING** 5.45pm Chem Eng. Title is 'Microbes, Metal and Magnetism' by Dr Michael Carlile.

●**BLACK AND WHITE MAGIC** 7.30pm Mech Eng 220. Occult expert Gareth Knight—a mysterious figure—speaks on the subject of magic..real magic come if you dare!

●**JAZZ, FUNK AND DISCO, ADVANCED BALLROOM AND LATIN** 6.30pm (Jazz), 7.30pm (Ballroom). Junior Common Room. Both 75p.

Tuesday 5

●**NORTH AMERICAN STALL** 12.30pm JCR. Vacation in the USA—work and play you'll never have another chance (looks good on CV too).

●**AUDIOSOC** 12.30pm Union Upper Lounge. Discount record club meeting, buy records cassettes, videos etc at trade prices.

●**MASS AND LUNCH** 12.30pm Chemistry 231.

●**HOVERCRAFT CLUB MEETING** 12.45pm Lower Gallery, Linstead Hall.

●**LIVE STOIC BROADCAST** 1.00pm with repeat at 6.00pm JCR, Southside TV Lounge and all Hall TV sets. Live Presidential debate—see the candidates pit their wits against each other in an exclusive interview.

●**DEBATE** 1.00pm Chem Eng Lt 2. Nuclear Disengagement for Britain? Dr P Webber and Dr B Levitt from the College debate this issue all welcome.

●**QT MEETING** 1pm Southside Upper Lounge. Discuss events, stunts.

●**RIDING CLUB** 1.00pm Southside Upper Lounge. Meeting.

●**THE IMPERIAL WORKOUT** 6.00pm Southside Gym. Wear something comfortable and please bring training shoes (any kind). All welcome. 50p a lesson (Membership £1).

●**CANOE CLUB** 6.30pm IC Swimming Pool. Trip every other weekend.

●**JUDO PRACTICE** 6.30pm Union Gym Beit Quad. Price 50p mat fee.

●**INTERMEDIATE BALLROOM AND LATIN** Improvers Ballroom and Latin. 7.00pm (Inter), 8.00pm (Improv). Junior Common Room. Both 50p.

●**WELLSOC ANNUAL DINNER** 7.30pm Bistro Vino, 1 Old Brompton Road. Full meal at this popular Restaurant, plus magic and illusions at your table, courtesy of Martin S Taylor. Dress fairly formal, tickets from the Committee. Excluding drink £6 a ticket.

●**OPSOC REHEARSAL** 7.30pm Music Room, 53, Prince's Gate. Meet in Southside Bar before rehearsal.

Wednesday 6

●**IC RADIO HIGHLIGHT** 12 noon to 2.00pm 999KHz. Lunchtime is specially designed for the Ed Cartwright Show or is it the other way around?

●**ICCAG HOSPITAL VISITING** 12.45pm, Mech Eng Foyer.

●**WARGAMES** 1.00pm, Union SCR. 10% discount on games.

●**'THE SILICON IDOL'** 1.00pm to 2.00pm in Room 340 or 341 Maths Dept Huxley Building. Talk by Dr David Lyon visiting Research Fellow, Leeds University.

●**ISLAMIC TEACHINGS** 1.30pm, 9 Princes Gardens. Concept of prophethood in Islam. Free.

●**MICRO CLUB MEETING** 1.30pm Mines 401. Membership £2.

●**DRAMA WORKSHOPS** 2.30pm Dramsoc storeroom. Come and take part in some silly games and improvised drama. Everyone welcome!

●**NEW BEGINNERS CLASS** 8.00pm Junior Common Room. IC Dance Club. Price 50p.

Thursday 7

●**SOCIALIST SOCIETY MEETING** 12.30pm Above Southside Bar.

●**METHSOC MEETING** 12.30pm. Chem. Eng. E400. Informal meeting, lunch available.

●**AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club meeting. Buy records, cassettes, videos, etc. at trade prices.

●**ICYHA BUTTIES** 12.30pm Southside Upper Lounge. Our weekly meeting with information on this term's coming events. All welcome.

●**THE IMPERIAL WORKOUT** 12.45pm Southside Gym. Wear something comfortable and please bring training shoes (any kind). All welcome. 50p, Membership £1.

●**STAMP CLUB MEETING** 12.45pm Chemistry 231.

●**BALLOON CLUB MEETING** 12.45pm, Southside Upper Lounge.

●**QT CABARET** 1.00pm Physics Lecture Theatre 1. 'Not the St Valentines Day Comedy Massacre' starring Arnold Brown and Ivor Dembina. Cost 30p (Members) 50p rest.

●**LIVE STOIC BROADCAST** 1.00pm and 6.00pm JCR Southside TV Lounge and all Hall TV sets. Live coverage of ICU hustings. See the speeches and get the news as it happens, from the comfort of your hall TV Lounge.

●**SCIENCE FICTION SOCIETY** 1.00pm library meeting. Access to the society's 600 volume library. All members welcome. Union Green Committee Room.

●**CONCERT** 1.30pm 53 Prince's Gate. IC performers.

●**QURANIC CIRCLE** 1.30pm 9, Princes Gardens. Learn how to read the Quran.

●**ALTERNATIVE COMEDY SEMINAR** 1.45pm Physics Lt 1. Seminar on alternative comedy and script-writing.

●**THE IMPERIAL WORKOUT** 6pm Southside Gym. Wear something comfortable and please bring training shoes (any kind). All Welcome. 50p a lesson. Membership £1. IC Keep Fit Club.

●**FILM 'SOLARIS'** 7.00pm ME 220. A Masterpiece of Science Fiction, compared with '2000', Russian. 50p members, £1.00 rest.

●**ICCAG SOUP RUN** 9.15pm, meet Weeks Hall, Princes Gardens. Taking soup, biscuits and meeting some of London's homeless.

Romance in the air

The STA round the world quiz

Here is the last clue in STA's 'Round The World' travel competition:

Drop in here for a chat with a new face in dynastic politics with an old name.

Next week there will be another entry form and a repeat of all the clues. Remember the prize is a romantic weekend in Paris with the partner of your choice.



Booery Woolery

It's amazing what an effect a centenary can have. You may have noticed how minor repairs, left undone for years, have suddenly taken on a new importance. Loose tiles, cracked panes, peeling paint, have all been spruced up in time for the celebrations. In Electrical Engineering half of a laboratory was repainted because it was to house a demonstration. Apparently there wasn't enough money to repaint the whole room. Unfortunately no-one told the organisers of the demonstration, who subsequently set it up in the wrong half of the lab!

Some of you may have read the five page feature on 'City and Guilds at Imperial College' in Wednesday's *Times*. The report highlighted none of the problems the College faces, and must leave the average reader thinking that a cut of 17% in income has left the College not only unscathed but facing the future with renewed vigour and optimism.

The section on student activities was particularly amusing since the writer had clearly failed to grasp the relationship between IC Union and Guilds Union, and gives the impression that most students spend time worrying about Bo and Spanner and Bolt. We are told that having the RCM next door means 'there is no feeling of deprivation about the lack of an arts faculty', that Guilds Union is not in the NUS, and that 'Students feel part of an intellectual elite. They chose to apply to Imperial because they believed it to be the best, and have not been disappointed'. Really, who writes this crap!

SMALL ADS

ANNOUNCEMENTS

- **The Young ones**—Arnold Brown comes to IC on Thursday (see QT).
- **Wargames members**—You can now get a 12% discount on games at Games World in Hammersmith (King Street). Available to others if you join Wargames—membership £1.50
- **Judo**—all IC Judo players will be required on Saturday for Inter-collegiate competition. Further details K Markham Chem Eng 3 or C Dunn Maths 2.
- **IC North America Club AGM** will take place on Monday 18 March at 12.45pm in Union Upper Lounge next to Union Office. Next year's officers will be elected, any one interested is very strongly urged to stand. Without people to run it the club will fold. Any one interested, contact the club through SCC letter Racks.
- **Wellso** AGM and elections will be held on Monday 11 March at 7.30pm in Mech Eng 220 (Douglas Adams will speak first). Any members interested in Committee posts should see current committee members. Papers up in the Union Building (Left of stairs). Help run IC's biggest Society.
- **Socialist Society** March in support of GLC and the NUM from Malet Street to Jubilee Gardens. Meet Beit Arch at 11.00pm or Malet Street 12.00pm.

LOST

- **Lost**—Silver coloured Papermate ballpoint pen with black refill, last seen above Stan's bar at 1.00pm on Wednesday 20 February. The front barrel is rusting and top is badly disfigured. Pen is of sentimental value. If found please return to Malcolm Preen (PROON) DoC 3.

FOR SALE

- **AIWA Personal Stereo** Cassette Player. As new—used very little—original Price £50—selling for £35. Contact:—A D Webb Chem Eng.
- **Turntable** £70 G S Heyhose Computing 2 Hux 347.
- **NAD 4150 Digital Stereo Tuner** Covers AM and FM and has six presets on each. Only six months old, excellent condition as hardly used. £130 or nearer offer. Contact Jon Kowszun, Chem 3 via letter racks.
- **Mini Van** K reg £130 ono. Contact Carl Farnsworth Civ Eng 2 or tel 373 8746 (evenings).
- **Honda CG 125 Motorbike** unrestricted but legal for learners. £195 ono. Contact R Evans Physics 3 via letter racks or call at 135 Hamlet Gardens.

WANTED

- **College Bands** for Mega new-talent night. Are you the new Queen or Helen

and The Horns? Contact Ents via Union or Ents office.

ACCOMMODATION

- **Wanted four men** (not from Chem Eng) to share an eight flat with four girls next term in Hamlet Gardens. Please contact Caroline Smith Chem Eng 1 or Linstead Hall as soon as possible.
- **Female requires** single Room in flat, for now/next term. Contact Louise McKeown Mineral Resources Eng UG.
- **If you are leaving** a decent double flat at end of June or in July then I would be grateful if you could ease my flat hunting problems and let me know. Contact D Earl EE2.

PERSONAL

- **There was a young man** from Eltham, whose beard and toupee were blued on. Then one day in math, he did say to Kath, You know, babe, I'm really Marlon.
- **Oh Julia**, Julia your just so sexy—Andy S MM2.
- **Tizard Hall** gives up God for Lent.
- **Is any body** there. Yes and its a friend of OCSOC.
- **Marlon Soc** wish it to be know that any resemblance to any person living or dead is entirely intentional.
- **To come to QT's** event you don't need to be Jewish, already.
- **Marlon** is a complex man. He has a very small real part as he is (almost) wholly imaginary.
- **Dr Williams** where were you on Friday—AS1.
- **Anyd** loves Laroc, and peggles grow with time.
- **Lycanthropy** is...never having to say you're sorry.
- **Lycanthroc**—not just a shiny black nose.
- **Girl afraid**, where do his intentions lay? or does he even have any?.
- **Dear Richard** (dirty Dick) the Chinese go like bunnyrabbits you know.
- **Picocon PI**—coming soon to a universe near you.
- **To the holders**: Who rules Chem Eng now?.
- **Two months** to go—get your Beltane sacrifices ready.
- **Lycanthropy** is...just a howl at twilight.
- **Picocon PI** March 9 for science fiction, films, speakers, games, gratuitous sex and violence. SFSOC—the society with everything!
- **Is the sun** shining today Debs?.
- **To achieve** massive party losses see UC Wetsoc.
- **QT alternative** Jewish Comedy—they work for a small fee, plus tips.

- **Adrian 'Crusher'** Johnson, does for pedal cars what Neil McCulloch does for hire cards.
- **Centenary week** has made me feel 100 years old.
- **So M Cottle** a.k.a lemming a.k.a. S McManus has finally escaped the curse of the dreaded Gestetner.
- **Guildsheet** RIP is this the End.
- **Gottstraftee** Guildsheet editors!
- **When will** the invisible git of 81 tidy his room.
- **Faster** than a speeding Gauloise, more powerful than Garlic aftershave—it's the incredible Captain Zappa.

Come and see the new videos of IC on Tuesday 5 March in the Great Hall. Showing from 12.00-2.00pm continuously.

- **Yes we have** the know-how, we have the technology to build the worlds first Turbocharged man. Richard Dorset is that man.
- **Gremlins** don't only attack Starfighters....pedal, pedal, bang!
- **Dabbleth not**, cosmic, in that which ye do not understand.
- **Cosmic Encounters** will incur the wrath of the gang of 13.
- **When the stars** are right shall XUTHULHU waken and cause a cosmic catastrophe.
- **Punish** the heretic—Burn Cosmic
- **Ocsoc** announces the non-existence of cosmic.
- **Face** of cosmic—fate of death.
- **Marlon** says '219 who are they?'
- **Peidiwch Osgood**—even if Bronwen has been kidnapped by the Tea queen the walls in Tizard still have ears.
- **If anyone** knows how to remove embarrassing stains from Wellington boots. Contact P Mantovani EE1
- **The ex-president's** brain is missing—PPSoc.
- **This section** of the small ads was brought to you by PPSoc.
- **Rumours** to the fact that the publicity officer posed for the PP Soc poster are, of course untrue—it was, infact the hairman.
- **What is Thomas** giving up for Lent? Answer Cycling.
- **SF Soc**—prepare to meet your doom—PP Soc
- **PP Soc**—from big oak trees little acorns do fall.
- **1985**—the year we make contact—PP Soc.
- **Feeling** Sheepish? contact P Mantovani (EE1).

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