



FELIX



THE NEWSPAPER OF IMPERIAL COLLEGE UNION

UNION TO GET TYPESETTER

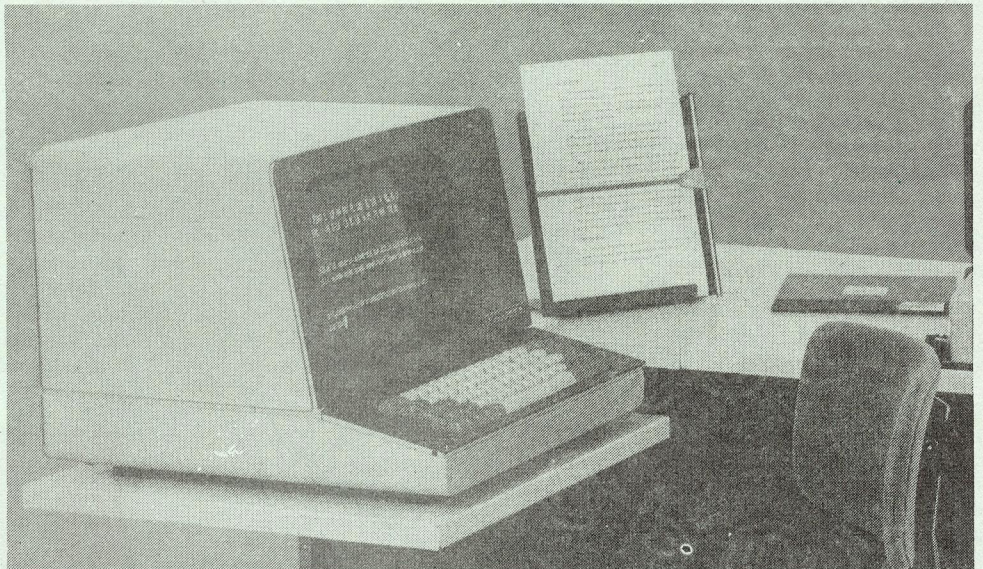
£8000 Machine for Print Unit

A new phototypesetter is to be purchased for the Union print unit. The device, which costs over £8000 including VAT, will replace the purely mechanical varityper used at the moment.

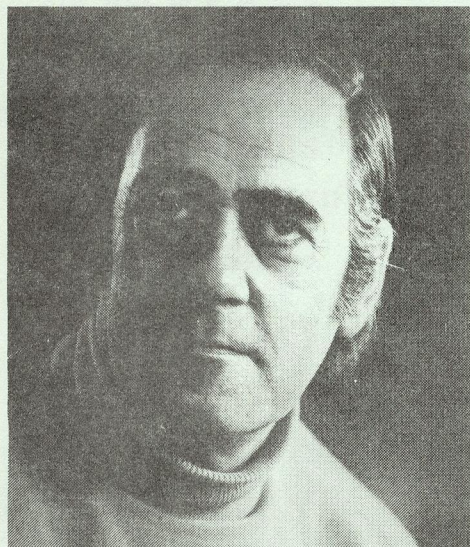
The phototypesetter sets copy into columns electronically and prints using an optical system onto photographic paper. It has the advantages that it is simple to use, it produces justified text automatically and the size of type can be varied from 5½ to 36 point from the keyboard.

Production of FELIX will be made easier as a result because the finished text will be available earlier, thus allowing more time for pasting-up. In addition, the Handbook, Alternative Prospectus and Phoenix will also be set by the Union with a subsequent improvement in their quality and flexibility of production.

The typesetter is being paid for partly by College, whose contribution is £4259, with the remainder coming from the Union over several years. The Union down payment this year is £2000.



SIR BRIAN RECEIVES PEERAGE



Sir Brian Flowers, Rector of Imperial College, became a life peer in the New Year Honours.

The Rector is one of six new life peers. The others are Hugh Scanlon, leader of the Engineering Workers Union from 1968-78, Sir Bernard Miles, founder of the Mermaid Theatre, Sir Walter Perry, Vice-Chancellor of the Open University, Sir John Richardson, President of the General Medical Council and Admiral Sir Peter Hill-Norton.

Sir Brian returns from India this week and has not yet announced how he is to be addressed in the future. He received his Knighthood in 1969 and became a Fellow of the Royal Society in 1961.

Among his many honours, he received the title of Chevalier de la Legion d'Honneur in 1974. This French title was originated by Napoleon. In the 17th century the French title 'Chevalier' was equivalent to the English Knight.

ASTMS BACK

The Imperial College branch of ASTMS ended their industrial action at midday yesterday, Thursday 11th January. At a branch meeting, representatives of the Union who had been negotiating with the College stated that they had obtained a satisfactory solution. Action by the members of ASTMS therefore came to an end.

A settlement was nearly reached earlier in the week when an agreement over the holidays was arrived at, but unfortunately the matter of Pam Martins' reinstatement remained unsolved. At 12:20pm yesterday, in a meeting between representatives of the Union, College Personnel Section and the Metallurgy and Materials Science Department, ASTMS officials presented a statement on the Pam Martins' issue which was signed by Dr. Lloyd Thomas on behalf of the department. This was then reported to the branch meeting at 1:15pm.

As a result of the agreement, ASTMS members will receive an extra five days holiday per year with three extra days carried over into 1979 from 1978.

LETTERS

Dear Sir, - With further reference to the open letter addressed to me in *FELIX* (8th November) about a Scholarship for the disposal of plastic coffee cups and my reply in *FELIX* (24th November) putting the emphasis on style, I would inform you that I did receive, during my last lecture of last term, an entry for the award submitted by Mathematics students, viz. a medium size snowman made from plastic cups and sellotape. Whilst I accept this as a most stylish seasonal method of disposal of plastic cups, I regret that the Committee cannot recommend the award of the Aldous Huxley Memorial Scholarship since, to constitute a valid entry this session, the integer number (greater than one) of cups used must be BOTH

(1) a perfect number, i.e. a number equal to the sum of its divisors, including one, but excluding the number itself. For example the first two perfect numbers are 6 and 28.

AND

(2) an odd number, i.e. not divisible by 2.

Such valid entries will receive the consideration of the Committee, but all other plastic cups and waste should, of course, be placed as usual in the receptacles provided for this purpose.

Yours faithfully,

Dr. F.H. Berkshire

Senior Tutor, Mathematics.

Dear Sir, - In my original letter there was, of course, no intention of implying that Prof. Garton or Sir Hugh Ford were present members of ASTMS. Instead the intention was to offer proof that a student section of the College Branch of A.Sc.W./A.S.T.M.S. had existed over a long period.

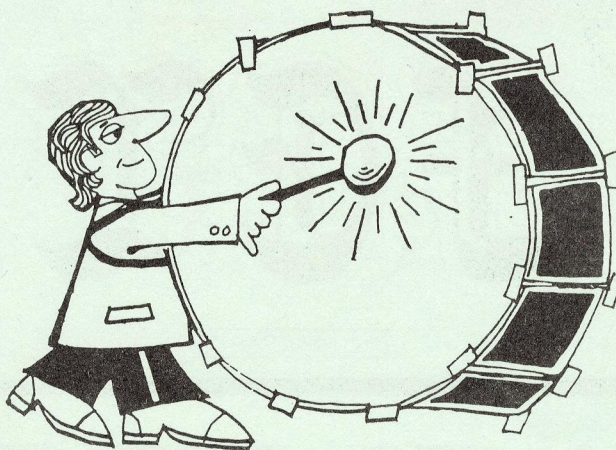
Briefly; from its formation in 1918 until the 1930's the A.Sc.W. membership was exclusively graduates or equivalent. Then in the late 1930's student membership became possible, whilst only in the 1940's did technical staff become entitled to join. Later developments from 1968, with the formation of A.S.T.M.S., have made possible other sections of membership.

The activities of the Student Section of I.C. Branch of A.Sc.W./A.S.T.M.S. have mainly been traditional and often clearly separate from the mainstream activities of the other groups forming the Branch. (One notable exception of this was the mass joining by Chemistry Undergraduates in the 1960's when they elected their representatives with the intention of negotiating with their Head of Department on various student

matters !)

My impression is that the activities of the student section in the late 1930's were well received; since, for example, a suggestion that the then Rector be approached to join seems to have resulted in Sir Henry Tizard being listed in 1938 as a member of the Branch. Also claimed as members at that time are 3 College Professors and no less than 4 research assistants in 'Heat Transmission, City & Guilds', including a 'Hugh Ford' with a private address. Naturally if that is in error it will be noted. Regarding Prof. Garton, the Minutes of a General Meeting held at 5.15 p.m. on May 29th., 1936, in the Small Physics Theatre, list a 'W.R.S Garton' as being elected 'Secretary' of the Student Section.

May I explain why at this point in time the archival mater-



The Hum Drum we can beat it

We got where we are by thinking differently. By being individuals. By employing people who can bend their minds away from the straight and narrow. The unusual problem is just grist to our mill. The unusual answer is a natural phenomenon. The usual genius is what we'd like. The unusually intelligent is what we'll settle for!

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ACDC

require male or female models for their Spring publicity.

Contact our advertising manager: Colin Palmer CCD2.

ial in my possession is being examined. It is simply because 1978 is the 60th year of the College Branch and we are hoping to celebrate this fact in the new year. I hope to contact any individual who was a member at any time before 1948 with the possibility of inviting some of them to come as guests. Further since there is a proposition to write a definitive history of the College Branch then relevant information about the early parts of its history is being sought now before memories fade.

Finally it is hoped to do something to restart a student section of the College Branch in the Spring Term with a number of open meetings and some other activity.
Yours sincerely,
Harry Fairbrother,
President ICASTMAS

FELIX

editorial

Off to A Good Start

O.K., so the very first issue of 1979 has an hideous mistake in the calendar. The papers for the Sabbatical and D.P. Elections go up on the **19th February** not on the 29th January as shown. Which leads me to

Election Fever

This is the term when IC becomes strewn with posters saying "Vote For Me Because" and "Best Man for the Job" etc. Yes, election time will soon be on us with the buying of large rounds in the bar, the inevitable hunt for seconders and all that it entails. Remember manifestos are printed in FELIX the week before the Hustings UGM and posters can be printed here at special rates for candidates. If you are thinking of standing for one of the sabbaticals (President, Hon. Sec. & FELIX Editor) or for Deputy President then see the current holder of the post to find out what the job entails. Further details about publicity posters and manifestos will appear nearer the election.

Paper Chain

The free gift/competition in the X'mas issue proved to be a great success with seven entries ranging from thirty links to over several thousand! The three largest chains were from

Life Sciences I, Maths and Physics who all bought lots more links than I did!! (Cheating Rats). In the end Physics won with a chain which stretched half way round Beit Quad. All three were then joined to completely decorate the quad. And then it rained.

Thanks to John Tidy for suggesting the idea (I spelt his name correctly this time). Could someone from Physics let me know when they want the barrel?

Field Cup

This annual event takes place on Tuesday 20th February this year. Marshals are needed to help out on the day. Any 2nd or 3rd years interested should contact Dave Walls, care of Guilds Union Office as soon as possible.

Bound Editions

Ex Libri's finally finished the binding of last year's FELICES and they are now available to those who ordered one from the FELIX Office at £11 each, gasp!

A Happy New Year

to you all, and congratulations to the Rector on his life peerage. Many thanks to Anita, our temporary varitypist, for her first issue and to Ian for printing it. Have a good term,
John.

A New Year Drama

TOTAL HARMONIC DISTORTION

A SWITCHED ON STORY:-

By D.P.S.T. Toggle, AC, DC, Bar

BASED ON A WELL KNOWN CARBON FILM

Reg Voltage looked across at his wife Zener and wondered if there was any chance left for him to transformer. Their shelf life was so full of high tension these days and neither had the capacity any more to maintain a bistable state.

Suddenly there was a centre tap on the window and when Reg looked out he saw a longtailed pair of eyes belonging to Ivor Gauss, his wife's ex-lover. In Gauss' hand was an electron gun and as Reg watched he inserted a cartridge, took shure aim and pulled the trigger. The single shot reverberated and Reg dropped rapidly to the deck, his life cut dead short at its most positive peak.

Ivor leaped in just as Zener grabbed the phono to dil the binary code and call the fuzz. He quickly took hold of her and taped her loudspeaker to avoid any audio-breakthrough and, having established a low noise state, he stopped to ponder. He had to rectify the situation in some way and smooth things over; he was afraid that the din would have upset the next-door neighbour L.C. Bridge and lead to interference.

He listened - no noise, not even hums or rumbles - all was well. Walking to the nearby cabinet he removed a bottle, filled the mixer and oscillated it vigorously as if his life depended on it. He poured out the potential juice through a filter, added a small current and watt he could in the timebase available. Then he decided to visit his transistor and brother across the channel while allowing things to coulomb off and so executed a quick thermal runaway.

Zener by this time had broken the tape and, although very shocked, knew she had to contact her friend Meg Ohm and tell her all that had happened. Ivor, she realised, was terribly unstable and had to be caught and defluxed before he caused any more gunn effects. She picked up the phono and diled Meg; she heard the decibel ringing but it seemed a decade before it was answered and she could discharge her load to Meg, who immediately said, 'I.C.' and being very logical insisted on calling the fuzz on the 625 line.

Feeling all wirewound up Zener eased her tension by having a smoke of pot but nanoseconds later the law arrived at the voltage threshold to collector. Meg was with them

and they all shifted into the force vehicle which was a fast four pole motor; with the driver using full choke they sped away down the bypass to try and short circuit the kilovolt Ivor. While driving along Detector Schmitt asked Zener to verify all the facts and to be as unbiased as possible so he could relay the data to other units and switch the entire force output on to the problem.

Reports quickly avalanched in as to Ivor Gauss' position - He had been detected near a gate into a field effect by the AFC shore and it was not long before the motor reached the spot and they could all see Ivor running away very fast. Despite a loose bootstrap he ran on until he reached a unijunction where he was momentarily quiescent before dashing off down a low resistance path that led to the Darlington Pair.

When he got to the end, he stopped and just stood, caught in the modulated light beam of the motor's lamps. The atmospherics were electrolytic and pulses quickened as Detector Schmitt ordered him to drop his electron gun and have the sensitivity to respond to higher power levels, but instead Gauss just made bipolar digital signals and gave a sawtoothy grin. He had obviously realised that push or pull he had no means of escape, and as they watched him it was suddenly very apparent that he was going to commit sinusoid; before anyone could be galvanised into action he gave a half wave and emitting an over modulated screech come howl jumped straight off Darlington Pair into the waves of the A.F.C.

The effect of all this high frequency drama on Zener was that she broke down but Schmitt quickly took control and assured her that the reaction was quite normal, and that all had worked out for the best. This brought her down to earth before long and Schmitt asked if she and Meg would dyne with him at the 'Auxilliary In' the next day so they could engage in some crosstalk about other things less harmful to the memory systems. The reply was positive and that very day a firm friendship was fused that was to produce a phase change in all their lives by degrees, and Zener could see that despite recent flux in events, she would solder on regardless.

The Very End

Happy New Year

What was life like during war Daddy, your little boy might ask some years from now, thinking, as children do in their endearing manner, that if you are old enough to be their Daddy you must know about such things.

I wasn't around then, you might reply, but I imagine it cannot have been far removed from the situation which greeted us at the start of 1979. Take petrol rationing for example.

As I write I have just returned from a 1½ hour wait in sub-zero temperatures at my local petrol station for a 4 gallons per customer petrol ration, and I am wondering whether next week there will be any petrol at all. So desperate are some people that, on hearing that the cash register had jammed and the garage was now unable to give customers any change, a young teacher in the queue told me that she didn't care what it cost her so long as she could fill her tank.

Soon she may no longer need to worry about getting to work. In some parts of the country schools are already closed because there is no fuel to heat the classrooms. IC also depends on oil deliveries to keep its large draughty buildings heated and the first area to suffer will be the lecture theatres.

If lectures are cancelled we can all spend more time in the labs. Well perhaps - or perhaps not, because the technicians are still operating a work to rule and some equipment cannot be used. There is no sign of a speedy end to that dispute so it looks like you will have extra spare time on your hands.

A good thing too for those who do their own shopping because soon it may not be so easy to buy food. Having survived the bread shortage we are now faced with the possibility of shortages of everything and anything. Fresh vegetables were the first to go, when those which were not frozen into the ground were unable to leave the farms after the worst snow-fall for 15

years. Housewives immediately turned to frozen vegetables (several packs have suddenly appeared in my mother's freezer) and cleared the freezer centres faster than restocking could take place. Now, with the beginning of the lorry drivers' dispute, all food supplies are threatened and supermarket shelves are speedily emptied as people stock up as if for a long siege.

Milk deliveries may not last long. I am thawing out a pint of milk which has just been delivered frozen solid in its bottle. That it is there at all I believe I have to thank the Guinness brewery, who made their tankers available to the Milk Marketing Board to transport milk from the farms. Unfortunately they do not seem to have mixed up the two liquids and I looked in vain for a brown frothy beverage on my doorstep.

I am surprised that there have not been any power cuts so far this winter, except of course for those caused by the snow bringing down the supply lines. Some years ago we used to suffer voltage reductions and cuts whenever the weather turned slightly colder than usual. When the whole of France woke up one morning without electricity, I expected warnings of the imminent occurrence of the British version, but we have until now (keep your fingers crossed) been spared this affliction. Before readers become too complacent, however, do I not recall that the electricity supply workers are due for another round of pay talks shortly?

So as I sit by the gas fire in the candle light, unable to leave home except on foot as there is no petrol for the cars and buses and the trains cannot run because it is too cold, and I wonder where the next meal is coming from, while attempting to think of some good reasons to persuade the Editor that FELIX really does need a foreign correspondent, preferably in a warm strike-free country, I try to find something cheerful to say to welcome you back for another term. At least FELIX is still being printed, for with "The Times" suspended and the provincial journalists on strike, there may soon be few newspapers left to tell you about the next round of disruptions to normal life. Happy New Year to all.

Sonia Hochfelder

the incomparable

Felix Dinner

is here again!

This year the FELIX Dinner will be held in the restaurant at *El Vino's*, Fleet Street's most famous 'pub'. It will take place on Friday, 9th February, and the Dinner, including wine and port, will cost £5 per person. It will be followed by a small, intimate gathering in College. For tickets, fill in and return the application form on this page.

Places for the Dinner are **strictly limited**, as the restaurant is not the largest in the world. If you would like to attend you are seriously advised to **apply quickly**.

• cut here •••••
Name
Dept and Year

I would like . . . ticket(s) for the FELIX Dinner, to be held on Friday, 9th February, 1979, at £5 per ticket. Cheques should be made payable to 'FELIX,ICU Publications Board'.

*Please keep my ticket(s) at the FELIX Office, & I will collect it/them,
*Please mail my ticket(s) to my departmental letter racks.
(delete as applicable)

WHAT'S ON

FRIDAY 12th January

Disco & Concert

ENTS Presentation - A and M Records Road Show. 8.00 pm
Union Concert Hall. 50p. The Secret Shrink And Nicky Shy
Plus Disco.

Film

IC FILM SOC presents FUNNY GIRL with Barbara Streisand.
7.00. M.E. 200. Members Free. 20p. for non-members.

Miscellaneous

GOING AWAY DRINK-IN. 19.00. Union Bar. Chalky's Going
Away Drink-In.

UNION - Alternative Prospectus Workshop. 6pm. ICWA
lounge. An informal discussion on the aims, and shape of the
next edition of this very important publication. Please attend
if you would like to find out more.

MONDAY 15th

Club Activity

MEETING OF THE COMMUNITY ACTION GROUP - to
establish the playgroup. 12.30pm. ICWA lounge.
John Beasley will tell us about his dealings with the
Chilean Refugee Centre.

Miscellaneous

IC PHOTOSOC SHOP - 12.45 - 1.15. Room 211, Linstead Hall.

TUESDAY 16th

Club Activity

IC CHEM SOC - 5.30pm. Chemistry Theatre C. An illustrated
talk on "Colour Photography" by Dr. L.A. Williams.

RAIL SOC - Talk on "Tube Stock Through The Ages" by
Mr. B.J. Prigmore. 17.40. Mech. Eng. 640. All welcome.

IC PHOTOGRAPHIC SOCIETY - Slide Competition for
2" x 2" slides. 7.00 pm RSM 1.02.

RIDING CLUB - Information & Bookings. 13.00 - 14.00.
Electrical Engineering Dept. Room 1110, Level 11.

Miscellaneous

ASSOCIATED STUDIES EVENT - 1.30pm, lecture theatre 1,
Blackett Laboratory. Centenaries of Two Great Physicists.
1. James Clerk Maxwell (1831 - 1879) Professor G.J. Whitrow,
Professor of the History and Applications of Mathematics,
Imperial College.

ASSOCIATED STUDIES EVENT - 1.30pm, Read Theatre,
Sheffield Building, The Restorers Art. 1. The Decoration
of Churches and Cathedrals, Kenneth Campbell, Managing Director,
Campbell, Smith & Co., Ltd.

WEDNESDAY 17th

GIG

IC BIG BAND CONCERT - 8.30pm. Stan's Bar

Club Activity

WOMEN IN SCIENCE AND TECHNOLOGY MEETING -
12.30pm, ICWA lounge. For details see posters.

THURSDAY 18th

Club Activity

MOPSOC LECTURE given by Mr. C.G. Windsor (Aere Harwell)
1.15 pm. Physics L.T.2. Membership on sale.

IC CHINESE SOCIETY LUNCHTIME GATHERING -
12.45pm. Elec. Eng. 606.

Miscellaneous

IC PHOTOSOC SHOP. 12.45 - 1.15. Room 532, Linstead Hall.

"LUNCHBREAK" STOIC TRANSMISSION - 13.00 & 18.00
(Except JCR). JCR, Union T.V. Lounge, Southside Halls
(Except Tizard), Southside Lower TV Lounge (Near Stan's).

ASSOCIATED STUDIES EVENT - 1.30pm. The Great Hall,
Sheffield Building. Film: Civilisation, a Personal View (Kenneth
Clark) II. The Worship of Nature.

ASSOCIATED STUDIES EVENT - 1.30pm. Lunch Hour Concert.
Bernard Roberts (piano).

ASSOCIATED STUDIES EVENT - 1.30pm. Read Theatre,
Sheffield Building. On the Edge of the Desert. Dr. Malcolm Coe,
leader of numerous expeditions to arid regions, (arranged by
IC Exploration Board).

BRITISH RED CROSS SOCIETY FIRST AID COURSE

commencing

THURS 18th JANUARY

at 5:30pm in the
Bot/Zoo Common Room
(under Beit Archway)

ALL WELCOME

LPS AND THE RENT ACT

London Property Services of Hamlet Gardens fame, have long
been notorious for their blatant evasion of the Rent Acts by
giving their tenants a so-called licence which purports to deprive
them of their status as protected tenants.

It operates on the basis of a non-exclusive possession clause.
Exclusive possession means that the tenants have a right to
enjoy the accommodation that they occupy to the exclusion
of everybody else (including control over access by the
landlord and his agents). If a group of people take on a place
between them, all signing the same agreement at the same time,
then they are usually joint tenants who, although they don't
have exclusive possession as against each other, do have exclusive
possession as a group.

The L.P.S. agreement tries to get round this by giving
separate agreements to each tenant and reserving the right for
the landlord to replace any occupier with someone else as and when
he chooses. This breaks up the Joint tenant unit (if it is accepted
as being valid) and so appears to get round the Rent Acts.
Two recent Court of Appeal decisions upheld agreements of this
sort as achieving their expressed intentions and it had begun
to look as though this was going to become an established
loophole.

The most recent case, however, this time specifically on
an L.P.S. agreement was decided by the Court of Appeal in
favour of the tenants, thus giving them full Rent Act protection
and bringing them within the jurisdiction of the Rent Officer.

Theoretically, this means that all L.P.S. tenants (except those
in the college flats) can now apply to the Rent Officer for a
substantial rent reduction. The only snag, however, is that
the Court of Appeal case was decided not just on the basis of
the agreement but also on the attendant circumstances. So
one can't say for sure that all L.P.S. tenants would be viewed
by the courts in the same way. The report of the case has not
yet found its way into print so it is difficult to tell whether or
not the circumstances in that case were substantially different
from the usual L.P.S. set up. Nevertheless, because L.P.S.
follow a uniform letting procedure, it seems likely that other
L.P.S. tenants should be helped by this latest decision. If
nothing else, it does indicate that the wind of change may be
blowing through the Court of Appeal which is good news for
all licencees.

Because the position with regard to L.P.S. is not cut and
dried it is likely that you will find Rent Officers reluctant
to register a fair rent as they don't like getting involved in
anything which is at all contentious. Despite this, if any of
you L.P.S. tenants feel like having a go at getting a fair rent,
perhaps you would like to come up to the Welfare Centre
(third floor Union Building) for a chat about it.

Michael Arthur
Welfare Adviser

FELIX CALENDAR

	8	15	22	29	5	12	19	26	5	12	19
MONDAY				Papers up for Sabbatical Elections		OC Annual Dinner		Elections for Dep. Reps		SABBATICAL ELECTIONS	
TUESDAY	9	16 RCS UGM 1pm Physics L.T.3	23 UGM 1:00pm in the Great Hall Dinner in Hall	30	6	13 UGM 1:00pm in the Great Hall C&G UGM 1pm Mech Eng 342	20 Field Cup Dinner in Hall	27 Maths / Physics Sherry Party	6	13 SABBATICAL ELECTIONS C&G UGM 1pm Mech.Eng 220	20
WEDNESDAY	10	17	24	31 Welfare Afternoon, JCR	7	14 Mech. / Chem. Eng. OC Party	21	28	7	14	21
THURSDAY	11	18	25 C&G UGM 1pm Mech Eng 342 RCS UGM 1pm Physics L.T.3	1 Elec. Eng./ CCD OC Party	8	15	22	1 Civ./ Aero. Eng. OC Party	8 Hustings UGM 1:00pm Great Hall Life Sci/ Chem. Sherry Party	15 Results UGM 1:00pm Great Hall	22
FRIDAY	12	19	26 28th Annual Dinner & Dance	2	9	16 FELIX DINNER	23	2	9	16	23 End of Term
SATURDAY	13	20	27	3	10	17	24 Hyde Park Relay Touchstone	3	10 ICWA Ball, JCR	17	24
SUNDAY	14	21	28	4	11	18	25 Touchstone	4	11	18	25

New Year Mutterings

I hope you all had a very happy holiday and are now looking forward to studying hard this term.

I'd like to congratulate the Rector on obtaining a Life Peerage which was announced in the New Year's Honours List. I would also like to congratulate all those others from Imperial mentioned in the New Year's Honours List whose names are too numerous for me to remember.

In my last article at the end of last term I mentioned that Shirley Williams would be making a major announcement on the subject of overseas students at the World University Service Conference held in late December. The announcement made was not particularly mind shattering. She continued the line that "the full economic cost" of overseas students was in the region of £2,000 each and that therefore there was a hidden subsidy given by the Government in the region of £100 million to overseas students. She felt that this amount could be better used subsidising those overseas students, in particular economic need, e.g. from underdeveloped countries. The implication, however, was that for the average overseas student, the future long-term review may well mean that they will end up paying "the full economic cost" in fees.

There is some consolation, however, that next year there will only be inflation increases in tuition fee levels. As the policy of Imperial College Union is to oppose any increases in fee levels we will, of course, be arguing against Governing Body accepting any increase in tuition fees at their meeting at the end of this term. It will also be an opportune time to again oppose the discriminatory fee levels charged to overseas students.

Refectories

The Governing Body meeting held on the last day of last term decided against the Refectory Committee's recommendation of a 2% round the board increase on refectory prices. This was of course after considerable opposition from Imperial College Union. This seems to make unnecessary our boycott of the refectories which was to take place early in the Spring term. It will be up to the Union meeting held on the 23rd January as to whether they wish to continue with the boycott or not. There remains the problem of the increase in refectory prices which came about at the beginning of December of 1.9% due to the Financial Times index increase by that amount. This increase comes about as a result of the "regulator" which aims to make sure price increases on food stuffs are kept up-to-date within the refectories. However, the student representatives on the Refectory Committee realised that as the cost of food only accounts for half the total cost of refectory meals the increase should in fact have been only 0.95% in order to account for food price increases. We will therefore be raising this discrepancy in the future as well as continuing the campaign to ensure that the quality of the food is improved.

Ordinary Residence

There is a light on the horizon for those students who have been refused grants due to the new definition of "ordinary residence" used by the authorities. Michael Arthur, the Union Welfare Adviser, has prepared a legal paper on the definition which has now had the support of Counsel's opinion. The Union will now be looking towards encouraging individuals to take some local education authorities to court over their refusal to give grants. If this action is unsuccessful, however, the College is likely to take a sympathetic view of the problems of these students who are suddenly faced with the necessity to pay their own fees as well as find their own maintenance for three years. It seems likely that the College will set up a Hardship fund to deal with this very special case.

U.G.M.

Next UGM will be on Tuesday, 23rd January, at 1.00 in the Great Hall, where amongst other exciting items on the agenda, will be the election of a Chairperson for Union meetings.

New Year Resolutions

My major New Year resolutions are firstly, to finish writing FELIX articles in excess of three-quarters of an hour before the copy deadline, and not to drink excessively more than twice a week. I don't hold out much chance of success in either case!

Mary Attenborough
President I.C.U.

TONIGHT!

IC ENTS PRESENT A & M ROAD SHOW with THE SECRET SHRINK NICKY SHY

* plus Disco

* at 8:00pm

* only 50p

* Union Concert Hall

RECLAIM THE NIGHT!

At the NUS National Conference (Dec 78), a motion was overwhelmingly passed, entitled "Sexual Violence, Rape, and Reclaim the Night", and this called for a national "Reclaim the Night" demonstration in London, which is due to be held next Saturday, 20th January, at 6.30pm in Leicester Square. The aim of a Reclaim the Night demonstration is to show that women can walk alone at night without the protection of men, and thus such a demonstration is for women only. As the whole point of the demonstration is centred around a woman's right to walk alone, men being present would negate its reasons and effect.

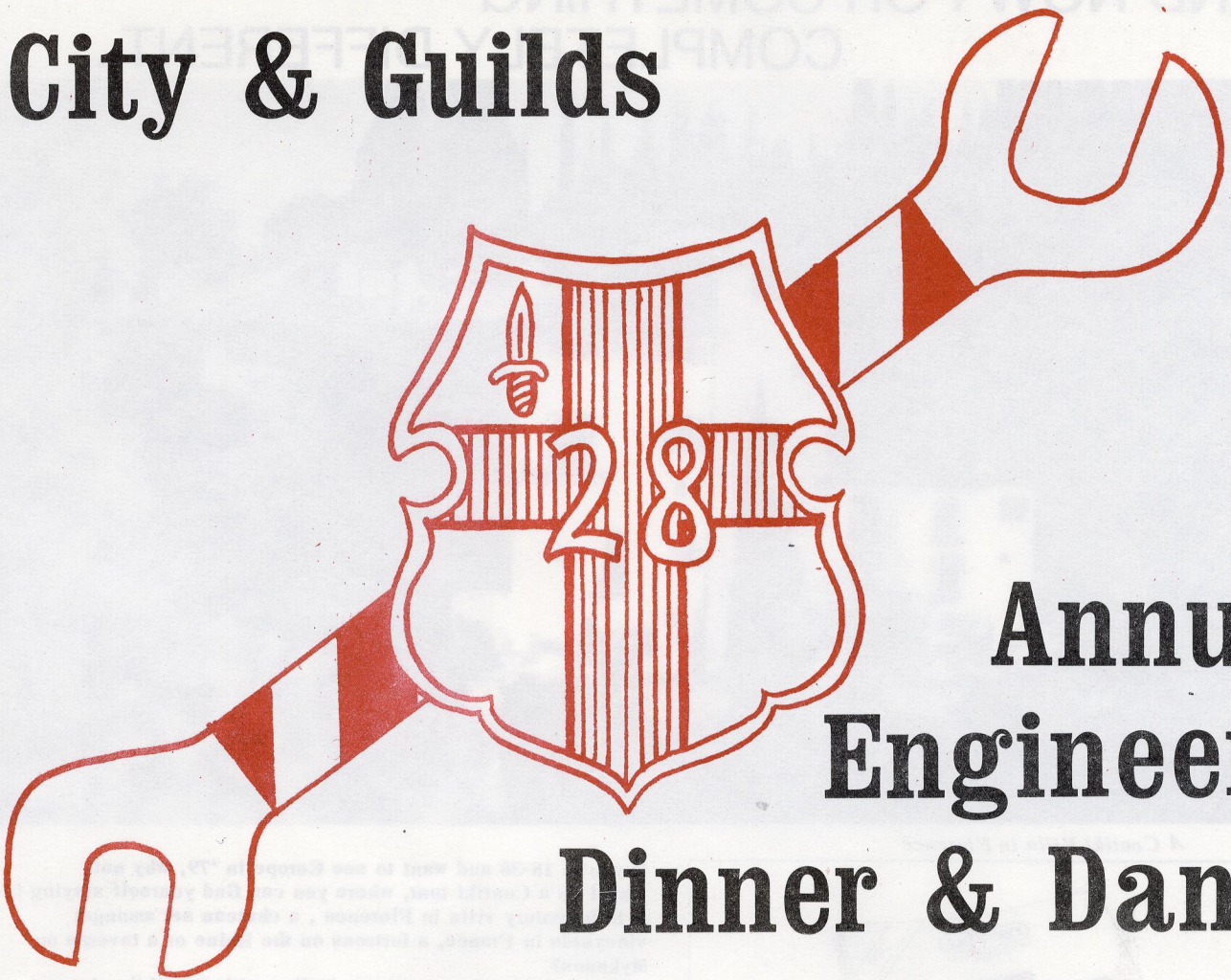
It is part of the NUS campaign for Women's Safety, and I would urge all women from IC to attend.

At Universities, polytechnics and colleges throughout the country, a mass movement has grown up to eliminate sexism from entertainments, as part of an overall awareness that sexism tends to prevent women from playing a full and equal role in society. It is, of course, quite natural that such a movement should originate and quickly spread among such educational establishments, whose occupants are perhaps best able to recognise sexism for the great social evil that it is. It is gratifying that young intelligent people are willing to think beyond traditions and habits, and try to change society for the better.

However, regrettably, there is still one bastion of male morons who regard tradition as sacred, and still stubbornly refuse to open their eyes to the harsh reality of life as it really is - because they're not the ones who suffer. Perhaps one day, IC Union will reach out for its much needed social conscience. Meanwhile, as External Affairs Officer, it is very difficult to explain to colleagues elsewhere exactly why Imperial College has just about the most disgustingly sexist Students Union in the country - and is proud of it.

Sheyne Lucock

City & Guilds



Annual Engineers' Dinner & Dance

Friday 26th January 1979

28th Annual Engineers' Dinner and Dance

Name _____

Dept. & year _____

Name of guest _____

No. of tickets required.. Double @ £14.50.. Single @ £7.50

I enclose cash/cheque to value....£ - Cheques payable to City & Guilds Union

TICKET INCLUDES: 5 course meal,sherry,port,band,disco,bar till 4am,

+ Cabaret: PANS PEOPLE ,&Jeremy Taylor

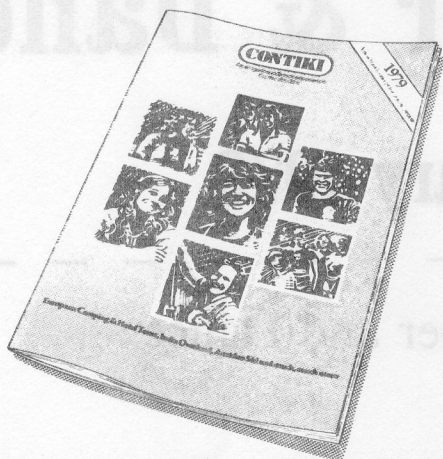
Return to C & G Union

Please state if you would like to sit with any particular group.

AND NOW FOR SOMETHING COMPLETELY DIFFERENT...



A Contiki Villa in Florence



Experience Europe.

If you're aged between 18 and 35, Contiki can give you a unique experience of Europe.

On a Contiki tour you might spend a night or two in an historic French chateau, a 13th century villa in Florence or, perhaps, a Fortress on the Rhine. And life in the Contiki villages, where your tent is already set up and waiting, is nice and easy.

You'll see a lot. You'll do a lot. In fact, it will be an altogether different experience.

Get the new, star studded all colour brochure that tells you all about Contiki.

FREE FILM SHOW: SENIOR COMMON ROOM
Thursday January 13th
1.00pm.



An altogether different experience.

If you're 18-30 and want to see Europe in '79, why not travel on a Contiki tour, where you can find yourself staying in a 13th century villa in Florence, a chateau set amongst vineyards in France, a fortress on the Rhine or a taverna on Mykonos?

These unique stopovers are in line with Contiki's slogan: "Not just a tour but an altogether different experience."

Contiki Travel was founded 18 years ago and now claims to be Britain's biggest tour operator for the under 35 age group. As well as the Special Stopovers already mentioned the new Contiki concept for 1979 features camping tour accommodation in permanent "canvas villages" - framed tents set up in more than 12 major European cities, such as Paris, Vienna, Barcelona, Venice, Munich, Rome, Copenhagen, Oslo, Stockholm and Berlin.

On some nights there are even bungalows and cabins. In Corfu there are straw huts. Contiki campers have one unusual stopover in Holland: it is at the Groot Huis at Noordgouwe, about 50 kilometres south of Rotterdam in the Dutch countryside.

The Florentine villa stopover residence, the Torre di Gattaia was once owned by the Pitti family and has an olive grove and swimming pool.

The 15th century Chateau D'Agnac, built for a king of Languedoc, is a short drive from the Mediterranean.

Contiki coaches carry a courier, driver and "supercook". Each passenger contributes to a food kitty which covers the cost of three meals a day (except for occasional eating out to sample local dishes).

An example from the range of Contiki tours from London in 1979 is a "Central European" - six weeks and 13 countries. The price includes touring, city sightseeing, excursions, a seat at a Spanish bullfight, a canal cruise in Venice, a visit to the salt mines at Berchtesgaden, a boat cruise on the Rhine, tour of Amsterdam canals, and four days on the Greek island of Corfu, with water skiing included too!

The Contiki 1979 brochure also has details of hotel tours in Europe, overland journeys between Kathmandu and London, ski tours in Austria and hotel accommodation in London as well as a range of other facilities at Contiki's office in the West End.

Incidentally, 2 out of 5 Contiki passengers are travelling alone but obviously in a group of young people you soon make friends.

So if you fancy a taste of living like a lord, French, Italian or German style, go Contiki in '79 - it's an altogether different experience!

FOOTBALL

IC IV 6 QMC IV 0

IC started this league match still looking for their first league win of the season. Their previous inept performances had failed to produce any goals!

The game started with IC playing with the wind and the team found themselves in the unaccustomed position of attacking the opposing team. The prize first goal came after only a few minutes when J. Shuttleworth headed on a long free kick for S. Marten to score. It wasn't long before J. Shuttleworth scored the second and the third goal followed when S. Marten split the opposing defence with a pass for J. Rowley to score. It was then just a question of how many IC would score before half time. However due to their usual standard of finishing only one more was scored when J. Shuttleworth scored from a through ball by S. Sims.

The second half was a much closer fought battle and produced the best goal of the game when J. Rowley rose beautifully to P. O'Kelly's cross to head the ball into the top corner of the net. The IC defence held firm throughout the game and only suffered one anxious moment when goalkeeper S. Veats challenged the opposition's five foot striker and won the ball convincingly, at the expense of a lost tooth.

The sixth and final goal came following a good run by K. Reeve. He sent over a swirling cross which confused P. O'Kelly so much that he was unable to get out of the way and the ball flew into the net off his head.

Team: S. Veats, P. Walker, P. Lakin (Capt), K. Reeve, B. Caffin, S. Sims, S. Marten, D. Brannan, J. Shuttleworth, J. Rowley, P. O'Kelley.

Piscatorial Society

"What on earth is Piscatorial Society?" This is the question most of you who read the title of this article will ask yourself. In the Concise Oxford English Dictionary, "piscatorial" is defined as "addicted to fishing", and that is exactly for whom this club is intended. If you are the type of person who would enjoy their Sundays as a day on a river bank somewhere in the middle of nowhere, or perhaps on a beach, or in a boat, then this is the club for you.

Piscatorial Society does exist, and will provide subsidy for travel for members, and help with affiliation to fishing clubs. However, at the moment, it lacks any interest in its running, indeed, it has no members whatsoever.

It seems hard to believe that within Imperial College there are no people who have sufficient interest to help in the running of this club. So, if you think that you would like to take an active interest in this club please contact, **Malcolm Clarke, Elec Eng 3, or Keogh Hall 164, int 3636.**

RCS

Welcome to 1979 and here are a few dates for your diary.

Monday 8th to Monday 15th

Papers for HJT up. Due to Jon Mottershead's injury this post has to be filled for the remaining two terms.

Sunday 14th

Bar Night, Union Bar 7.00pm

Monday 15th

General Committee, SCR 6.00pm

Tuesday 16th

RCS UCM including HJT Hustings,

1.00pm Physics Lecture Theatre 3.

Saturday 20th

UDI of Oxford St. Meet 10.00 am

RSCU Office.

Bye, Sir HC

National Trust

Anyone interested in visiting National Trust properties in and around London, attending local meetings, exchanging comments on properties or just getting together? If you are interested, even if you are not a member of this illustrious Society, then please drop a note in the letter racks in Huxley 342.

There are a series of lectures starting on the South Bank. Anyone going?

Stuart Cox CCD II

ICCAG

The Community Action Group Soup-Run recommences tonight. Our intrepid volunteers will be leaving from Falmouth Kitchen Circa 19.30pm, but if you want to discover the secrets of the preparation that goes into these evenings then turn up earlier (after 9.30).

Also, for those of you who've read this far, I can announce that there will be an 'ICCAG' general meeting in the ICWA Lounge at 12.30 Monday 15th, where among other things we will be introducing the details of the playgroup, well John Beasley will be anyway.

All going well, the weekend of the 20th should see the resumption of our full programme.

Cheers,
John Whitehouse
Chem PG (int 4162)

Rag Fete

About this time of year you may start to think about the fete to be held on **SATURDAY MAY 5TH in PRINCES GARDENS.** And why not? There's no harm in thinking.

Anyone interested in doing something for the fete should come to the Rag Committee Meeting on **THURSDAY 18TH JANUARY at 7.00pm in the RAG OFFICE.**

PHOTOSOC

Imperial College Photographic Society are preparing a slide show for the Rector to give at the I.C. Open Day in the summer.

To this end a competition is being held. Entries are invited, from anyone - we are looking for 35mm colour slides (or others in a 2" x 2" mount) on any subject related to Imperial College - buildings, lectures(!), Rag, sport, Union Meetings, Concerts, club activities, or anything else that you can think of. Slides don't need to have been taken in 1978-79 - any year may be of interest.

There is a prize of £10 for the best slide (the judge will be announced later), & the closing date is Tuesday 27th February 1979. Entries can be handed in at the I.C. Photosoc Shop (see "What's On" for times and places), or at any society meeting. Alternatively, if you dare risk sending slides through the internal mail, they can be sent to Tim Ellison via the Chem Eng 2 letter rack. All slides should be individually marked with the name and dept of the owner and preferably some description of the subject.

It is planned that the slide show will be kept permanently by college for members of staff to take to schools etc. Because of this, it is a condition of entry that college will be allowed to keep the slides used in the show. However, entrants will be given copies of any of their slides so used (they should be as good as the originals). All slides not used in the show will be returned to their owners. Imperial College undertakes not to use any slides entered, for purposes other than those described above, without the prior agreement of the owners.

For more information (if I've left anything out) contact Tim Ellison, Chem Eng 2.

CHALKY would like to see all his old chums for a final drink before he bombs off to join the RAF. Come down to the Union Bar (where else?), on Friday 12th January (today). Fun should start at around seven o'clock.

Table Tennis

Here comes 1979 - the World Table Tennis Championships - a new series of "Top Table" and the climax to I.C.'s struggle for world t.t. domination (i.e. promotion in the Central London League).

Two matches were played at the end of last term, both were 8-1 victories the firsts whipping SARAH SIDONS (lucky girl!) and the seconds annihilating CROWN & MANOR 0(dd)B(all)s.

This week I'm looking forward (gulp) to seven matches on which to report, (and I'm in two of 'em!) so expect twice as much superhuman spiel as usual next week.

Bye now from SUPERHEWK
P.S. if you see a red and blue blur over Prince's Gardens, it's probably a bird, or a plane or something.

Refectory Boycott Off ?

The Refectory Boycott agreed last term will not take place because the proposed price rise was not implemented.

IC Union Executive will recommend that the next Union Meeting call off the 24 hour boycott, which was to be organised early this term, after IC Governing Body failed to ratify the decision of Refectory Committee to raise food prices by 2 per cent from 2nd January this year.

Governing Body, meeting on 15th

December, made its decision after a recommendation by the Rector that no price rise should be imposed at this stage. A total sum of £50,000 from the College's Central Equipment Fund was made available to the Refectory Committee over the next two years to finance the replacement of major items of equipment.

Refectory prices are reviewed temply and the next review will be in March. The use of the regulator, linking prices to inflation, is to continue.

O/S Fee Increases on the Way

Contrary to reports recently in the press, the government has not shelved its controversial plans on overseas students. This was made clear by Shirley Williams, Secretary of State for Education and Science, when she spoke to the annual conference of the World University Service just before Christmas. She told delegates, including those from Imperial, that at present overseas students were being subsidised on their tuition fees to the tune of well over £100 million a year, and that this subsidy was quite indiscriminate and applied equally to the poor and the rich. She suggested that this £100 m should be used "positively" to help "selected groups" of overseas students, mainly students from developing countries on courses said to benefit those countries. This would inevitably lead to large increases in fees for large numbers of self-supporting overseas students not especially "selected", who would probably be charged the full "economic cost" of their courses, which Mrs. Williams estimated to be £2,450 for a university undergraduate in 1977, and £1,140 for a student

in non-advanced further education.

Mary Attenborough challenged several of the points raised by Mrs. Williams, and explained that it was not realistic to divide the total cost of an institution by the number of students, and so arrive at a cost per student, and therefore disputed the "subsidy" figure of £100m. She claimed that education should be provided on need and academic merit, not on ability to pay, and argued for the ending of discrimination in fee levels.

Mary went on to attack Mrs. Williams over the recent change in the definition of "ordinary residence" as a qualification for receiving an LEA grant, which she regarded as callous. This point was echoed by Fiona McTaggart, NUS Vice-President (Education).

Mrs. Williams's speech and subsequent replies to questions were greeted with dismay and scepticism by an unsympathetic audience of those dedicated to improving the educational opportunities available to those from third world countries.

A full report of the WUS(UK) Conference will appear in a later FELIX.

Man. Sci. Business Game

The game is an exercise in decision-making in the simulated atmosphere of the business world. Each team is given the same basic information about conditions and bases its decisions on advertising, machine purchase, forecasting profits etc. on this information thus determining its development as a company.

The team members included undergraduates, postgraduates and members of the academic staff. Many of them began with a flourish but their profits diminished as the computerised results of their decisions were analysed.

The day was, as usual, highly successful and greatly enjoyed by the seventy participants as they found themselves increasingly involved in the economic complexities of their successes and failures. In the final outcome the winners were one of two teams from the Mechanical Engineering Department of Brunel University (their other team came fourth). The Production Engineering Department, also from Brunel, were the runners up, and Professor Samuel Eilon, The Head of the Department of Management Science, presented them both with prizes as a prelude to the festivities of the Christmas season.

Business Games have become an annual event in the Department of Management Science. On Tuesday 19 December, eleven teams from Brunel University, Queen Elizabeth, King's and University College and the London School of Economics as well as three home teams from Imperial College competed for the lead.

Next Issue of FELIX Friday 19th January

ELK '79

Welcome to the 1979 face of ICU (approximately the same as the 1978 face), and more especially to the 1979 version of Elk's Epistle in which new heights of literary prose are reached and new depths of humour plumbed - and topics as original and innovatory as duplicating, elections etc. etc. are written about with devastating style and clarity. And first off the mark for 79 is

Duplicating

Over the vacation I had, at incredible expense, the union gestetner duplicators serviced and overhauled - that means the one up here in the office and the two in the FELIX office. So the ones in the FELIX Office are now in peak condition so if you have to use them for any reason (sexual or otherwise), - treat 'em right. If you have forgotten or still need to learn how to use them then if you let me know I will put on another gestetner demo provided there is enough demand.

Dates

This is a good opportunity to give all the important dates for the term, these are:

UGM's

Tuesday 23rd January

Tuesday 13th February

Thursday 8th March (Hustings for sabbatical posts & D.P.)



Thursday 15th March (Results UGM). All in the Great Hall at 1pm

Elections

Monday 26th February Dep. Rep. Elections

Monday 12th/13th March Sabbatical Elections

As you may know this term is of course election term.

Typewriter

The Union Office is now the proud possessor of a reconditioned typewriter for society use - the old one was rather knackered. It was obtained from central stores a week ago and looks very nice. (I really am filling this article out now).

UGM Chairperson

If you were at the last UGM (like you should have been) then you would know that from now on a chairperson of UGM's is going to be elected. The papers for this are now up and will be up until next Friday (19th), so if you are interested in chairing UGM's and know the standing orders backwards and also in 96 languages then put your name up - it's a post which doesn't take up a lot of time but is very important.

Well that's all for this week folks, so remember - stay cool! (In the words of the Fonze)

Mike Elkin
Superstar of '79.