



FOUNDED IN 1949

# Felix

## Mid-Week Special

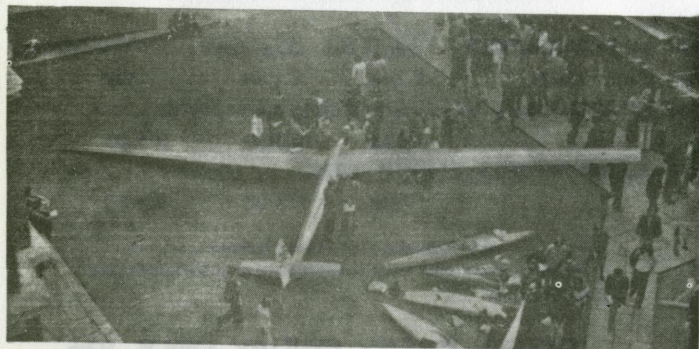
NEWSPAPER OF IMPERIAL COLLEGE UNION

FREE!

No. 363

THURSDAY 3rd OCTOBER 1974

# FRESHERS' FAIR



LAST TUESDAY saw the spectacle of about 2,000 Freshers furiously meandering about in the Union Building clutching fistfuls of bumph.

The Constituent College Unions were there in full force. Mascots and all.

Tents, dinghies, boats, cups, a glider and other sundry items (such as gorgeous dolly-birds)

abounded in the quad-range.

In the evening was the Freshers' Concert in the Great Hall featuring Heavy Metal Kids and Good Habit. It is understood, however, that this concert made an unfortunate loss of about £300.

To cap it all off, Phillips, the ICU President, was left holding the baby (the Rector's grandson, in fact).





# EDITORIAL

Mike Williams

IT WAS with some amusement that a meeting of the Imperial College Union Executive had pretentiously decided (not recommended, or advised) that the Editor of FELIX, having been elected as Editor cum Publicity Officer, shall in fact be Publicity Officer. It had apparently gotten into their heads that the Editor might refuse to adopt his publicity duties or some such tripe.

Their decision is as bad as Council deciding that the President shall be the head of the Union or that the Deputy President shall be responsible for the Union building. I.e. the Executive wasted approximately two hours coming to an irrelevant decision. Nevertheless, their conscientious motivation for discussing such an issue can hardly be

ridiculed in the light of the experience the Union has had with some of the more recent Editors. Rather, it is to be applauded in as much they have the interests of the Union at heart.

It is with immense regret that the Editor must announce the departure from the FELIX staff of Clive Dewey. He has worked hard on the last two issues and was responsible for producing many of the photographs therein. He also made some creditable contributions to the Reviews Section.

However, his association with FELIX reached flashpoint when it was determined that his outside interests and opportunist attitude were inapp-

ropriate for the job that was expected of him.

FELIX would like to take this opportunity to wish him every success in establishing the Campus Radio.

Apologies are in order to all those people who were offended by the front page of the Freshers' Issue of FELIX. It is understood that a lot of people took offence to what they saw. It had been promised by FELIX not to print such a thing, but at the last moment, the Editor felt that he had no choice. The Editor undertakes not to print such a silly space-filler as 'FELIX WELCOMES FRESHERS' on the front page again.

## SECURITY

### THEFTS

All Colleges are vulnerable in varying degrees to this problem and the open plan nature of Imperial College presents difficulties of this kind. Cycles, including motor cycles, should be secured with a strong chain and a stout padlock. Plastic covered cables, as supplied by cycle dealers are quite inadequate for this purpose. If you value your cycle, you are advised to insure it and don't forget to make a note of the serial number on the frame.

Money and other valuables should be carried on the person and not left in jackets hanging on chairs etc. in unattended rooms and laboratories.

### LOST AND FOUND PROPERTY

All losses of personal property on the campus should be promptly reported to the Security Office. Persons finding property on the campus are asked to hand it in either to the

Security Office or to one of the messengers or security guards. Unidentifiable folders containing lecture notes are frequently handed in to the Security Office so it would help the loser to recover his property if his name and the name of his Department were written on such documents. Many items of found property are never claimed by the losers which suggests that students are unaware of the facilities provided.

### MOTOR VEHICLES

Please don't bring your motor car into the College Car Park unless you have been allocated a parking space and don't leave it on the campus until it becomes derelict. If you wish to leave your solo motor cycle on the College premises please put it in one of the authorised places and register it by giving the appropriate details to the Security Officer.

A.D. Dawson,  
Security Officer.

## ENTS CONCERTS

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SAT 5th	ROY HARPER	80p (I.C.)	90p (ADV)	£1 (ON DOOR)
SAT 12th	MAN	£1.00	£1.30	£1.50
SAT 19th	CHAPMAN WHITNEY STREETWALKERS	90p	£1.20	£1.40
SAT 26th	INCREDIBLE STRING BAND	80p	£1.00	£1.20

TICKETS AVAILABLE FROM UNION OFFICE EVERY WEEKDAY LUNCHTIME.

10% STUDENT DISCOUNT ONLY GIVEN ON PRODUCTION OF REGISTRATION CARD  
(2 TICKETS ONLY)

**DISCO EVERY FRIDAY ONLY 10p**  
in union lower refectory 8-11:30pm

### FILMS

THUR 3	you only live twice	virgin soldiers
THUR 10	strawberry statement	barry mackenzie
THUR 17	theatre of blood	night must fall
THUR 24	precinct 45	house in nightmare park

ALL FILMS SHOWN IN MECH. ENG. 220 AT 6:30pm

## RAG

TIDDLYWINKS RACE ALONG OXFORD ST.

SATURDAY 5th OCTOBER 1974.

MEET AT MARBLE ARCH AT 10 a.m. OR

SEE YOUR V.P. FOR FURTHER DETAILS

# HON SEC RCC VANS

## Jacqui Gerrard

I'm sure you have all been welcomed to or welcomed back to the College many times already so I won't bore you by doing so again.

There are several points that some of you will be interested in that I will try to put into sections below.

### PARKING PERMITS

If you wish to park your car in college during the coming session, you will have to fill in a form which is available from the Union Office. I feel I must warn you however, that there are only 193 permits and I expect in excess of 600 applications, so it would be far wiser to leave your car at home unless it is absolutely impossible to do so. Please do not bring your car into college until you have a permit because you will not be allowed to part without one.

If you have a motorcycle you do not need a permit, but you must park only in the areas that are specifically for motorcycles.

Please be sensible about parking your vehicle, remember to think of other people!

### ELECTIONS

Several of the posts were not filled last year, and several others have become vacant due to exam failures. Nomination papers for these posts and for posts normally elected in the first term will be posted on

the Council noticeboard in the Union Lower Lounge at the beginning of term.

If you have any questions to ask about what the jobs are and what they involve, please come into the Union Office and ask me, or anyone else who is around.

### MEETINGS

The first IC Union General Meeting this year is on October 8th at 1p.m. in the Great Hall, College Block. Decisions made will affect you. Don't worry that you may have a lecture at 1.30p.m., because on Tuesdays and Thursdays each week lectures do not start till 2.30p.m.

Please come along and take part, decisions will be made that affect you. Also John Carr Vice President without Portfolio of NUS and President of ULU, should be coming along to speak to the meeting.

These are just a few of the points I have thought of, over the last couple of days. If you have any further problems please come and ask someone.

We would like to remind prospective drivers of the vehicles that on Wednesday October 9th, they must be fully registered:

1. Have satisfactorily completed a driving test in one of the vehicles.
2. Have paid a £5 security deposit.

Those people who do not satisfy all these conditions will be removed from the drivers list.

I will be available to receive security deposits any lunch time during the week.

Murray Ward  
Tizard 414.

## RAILWAY SOCIETY

Open Introductory Meeting.

Tuesday 8th October at 5.40 p.m.  
in MECH. ENG. 664.

FILMS:— London's Victoria Line  
'This is York'.

NEW MEMBERS WELCOME

# NEW PARTICLES STUDIED

Name withheld at Author's request

IN THE issue before last of 'FELIX', there was a report on the research work of Prof. A. Rahim concerning the newly discovered animal species 'PG'.

In the same spirit, namely the popularisation of contemporary science, we give here the report by Dr. V.D. Vcoi, on his interview with Prof. Sir R.Z. Ryle who once upon a time (i.e. at 1/t) received the Nobel Prize in Peace. Because of the nature of the research work, some secrecy has to be retained, and certain names have been 'translated'. (The more intelligent readers, however, no doubt can work out the real names).

Prof. Ryle is interested not in animals but in particles. A lot of particles have been known for a long time, examples being electrons, protons, and neutrons. In the now classic paper published in Proc. ICU, Prof. Ryle announced the

discovery of yet another two new types of particles with entirely novel characteristics. He named them 'maons' and 'feons' respectively.

It is well known that electrons, for instance, can form stable pairs, in each of which the electrons have opposite spins. Pairing may also occur when maons and feons collide, but a pair will consist of a maon and a feon, and not (usually) of particles of the same kind. Certain 'strong interactions' are responsible for the affinity between maons and feons. However, until now even Prof. Ryle has not been able to write down the exact equations for the interaction laws, and it cannot be explained why a given feon will pair with certain maons but not the other maons, and vice versa, which is what has been observed.

A pair of maon and feon is unstable. After a while they will either become disassociated again or if not get into an

excited state together. In the latter case, the excitation energy can increase until the particles mutually penetrate the other's potential energy barrier, generating a high-rank tensor field and a resulting high-energy kinetic resonance:

$(G/(E-E_0-iG/2)) \rightarrow \infty$ .  
Approximately  $3.62 \pm 0.03$  GeV are dissipated by the resonance process (which is irreversible and generates thermodynamic entropy), and the particles get de-excited exponentially, with the maon usually having a shorter time-constant.

Prof. Ryle told Dr. Vcoi that he and his research students are working on the further elucidation of the properties of maons and feons. In particular, he is very interested in the strong interactions mentioned above, a better understanding of which he believes, will greatly advance the frontier of human knowledge (and experience).



# SOUTH OF ENGLAND TOUR DRAMA

ANYONE PASSING ICU on the morning of Monday 30th June, might have been forgiven for wondering why twenty three bodies with assorted motorcars, transit vans and a locomotive-like J4 were scattered about Prince Consort Road. This was the annual summer trek of IC Dramatic Society (hereinafter known as Dramsoc) to an unsuspecting audience of children, dogs and OAPS in Hampshire and Dorset.

The play, *As You Like It*, by our national playwright, was presented in a glorious collection of Edwardian costumes and a bicycle. However, more interest was shown in the extracurricular activities, viz shopping in Woolies (Farnham), clipping Camden, eating cheese and pickle sandwiches (!), walking to the needles (I-O-W), visiting Beaulieu and taming New Forest ponies.

The stages varied in size from twelve feet (with lantern throw of six inches) at Lymington to forty feet at Bryanston (not where the pickle comes from). Luckily several tall members of the cast were able to take the place of A-frames at some schools so that the hanging of lanterns was but the work of a moment. The audiences varied from seven hundred to twentyfour (not at the same performance) but expressed great pleasure at such a polished performance.

One of the highlights of the tour was the annual cavort in Lymington high street; this involved the entire cast - in full costume rushing around Tescos drumming up an audience and ended in the traditional darts and drink in the Anchor and Hope P.H.

All accommodation was in tents and vans at various campsites, fellow campers were surprised to hear references to the Taj Mahal, the Hilton, the Inn-on-the-Park, and the Dorchester (as our tents, kindly loaned by ICYHA group, were known).

If you want to find out what fun we masochists can get out of slaving away for a fortnight in the hot sun and under 5,000w arc lights, come and join DRAMSOC - at anytime on the 2½ floor in the north east corner of the Union building (go up the stairs past the Union Office and you can't miss it). (P.S. Has anyone seen a box of apples?).

Tom Stevenson

## CUT PRICE HI-FI

### quantum audio....

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OF HI-FI, P.A., DISCO AND LIGHT SHOW EQUIPMENT\* AT LOWEST POSSIBLE PRICES. (WE UNDERCUT THE SHOPS WHICH SELL AT AROUND 40% - 60% BELOW LIST PRICE).

NEW EQUIPMENT - IN MANUFACTURER'S BOXES WITH FULL GUARANTEES.

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AT - IMPERIAL COLLEGE  
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OR - FALMOUTH HALL ROOMS 124  
136  
138

\*MOST BRAND NAMES

#### LIFE ASSURANCE REBATE

Arrange your chosen policy through S.L.A.S. (1951) and gain the Cash Rebate which could repay all your premiums up to two years. Before you sign your Life away, get the facts: HARRISON, ROUND-CHURCH ST., CAMBRIDGE.

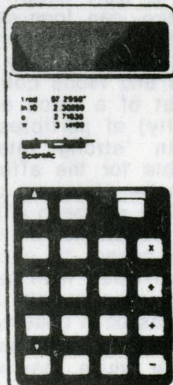
(Sorry, this cannot apply to non-SLAS policies already in force).

#### WANTED

OLD ISSUES OF FELIX  
Nos. 279, 328, 333, 338,  
342. 25p PAID TO THE  
FIRST OF EACH OF  
THESE ISSUES RECEIVED  
IN GOOD CONDITION.

## STOP PRESS

WANTED: Forty men who would like to participate in a Lady Flowers' Beer 'n' Bangers Nosh up in the very near future. See Jen, the Union Clerk, for further details.



### Students aren't Tight 'n'!

Just careful to find the best value. In pocket calculators you will not get any tighter than these prices for SINCLAIR Scientific & Cambridge, with an extra £1 discount during October. Can you afford not to buy one at this low price?

Scientific: Logs Trig  
200 decade range. For  
scientists & engineers.

Recom. ARCHERS Special offer:  
Price: normal: £32.35 £26.95 £25.95

Cambridge: 8 digit  
floating point. Constant  
on all four functions.

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Price: normal: £21.55 £17.95 £16.95

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