



FELIX

FEATURE
ON MIKE p.7

4d

WEDNESDAY: 5 OCTOBER 1966

Nr. 234

HALL PRICES DOWN

IN NOVEMBER of 1965 it was announced by the Halls of Residence committee that Hall fees would be raised by 5/- per week, this rise to take effect from August of this year. The aim was to eliminate a deficit in the reserve funds of £1200. It would have brought the fees in Southside up to £81 p.a.

The University of London has decided, however, in view of the Prices and Incomes freeze, that such increases cannot be made. (The University being a Government financed body.) The fees thus remain at the level decided in 1962/63, e.g. Southside £75, New Beit £68 p.a.

The same freeze applies to all refectory charges which would probably have risen to keep up with increased taxation and other charges.

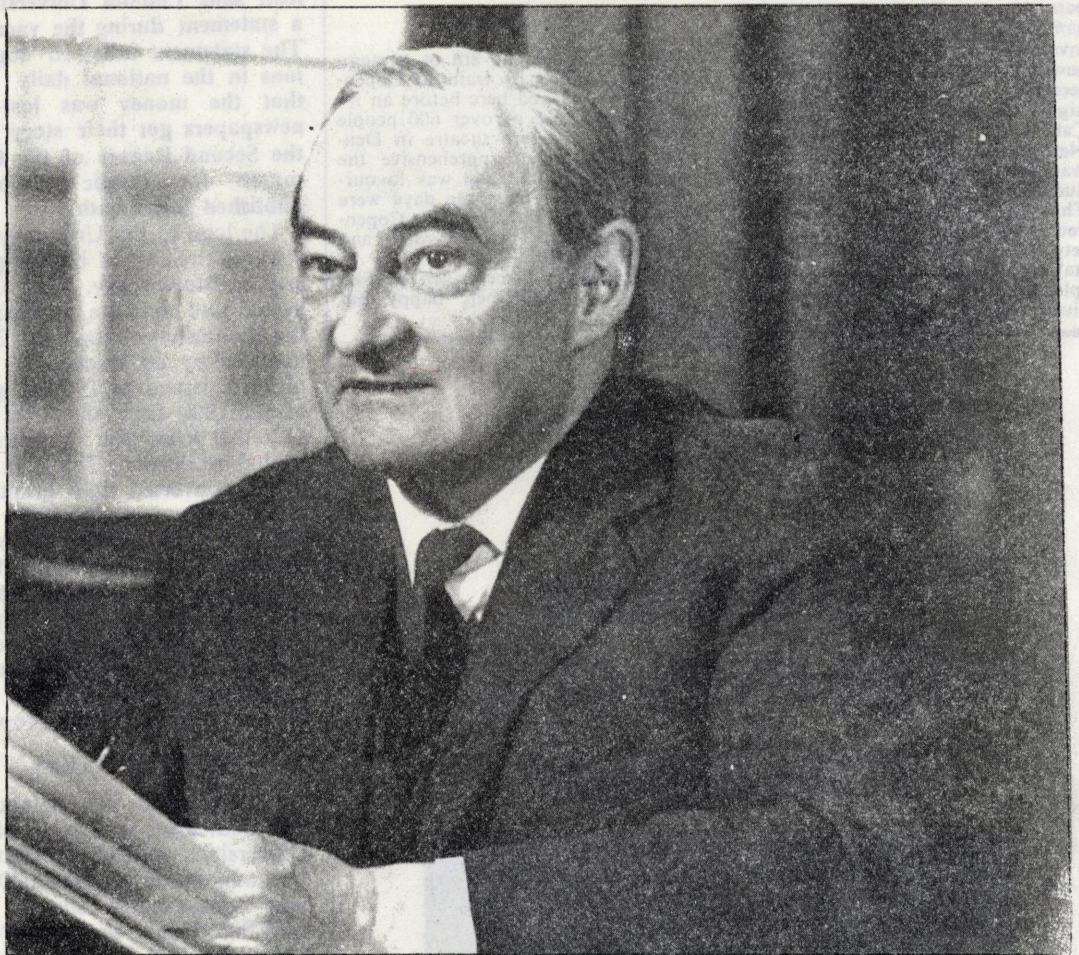
Dr. Ken Weale said that the Selective Employment Tax would have to be paid for all the cleaning and refectories staff but, since the Union is a charity, the tax would later be refunded.

Note: Because of the current credit squeeze Hull, Exeter and some other Universities have announced cut-backs in their building programmes. Its effect on IC is as yet unknown.

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CARNIVAL

£1001 4s 7d was the sum handed over to the Notting Hill Housing Trust (last year's charity) by the IC Carnival this month, despite the statement to Union Council by last year's president Adrian Fletcher that it had raised £1,500.

This poor showing puts Carnival back to 1961, when the Charity was Oxfam, since when over £1000 has been raised every year, culminating in £2,417 in 1965 (also for the Notting-Hill Housing Trust). Chris Hocking, last year's Carnival Chairman, when asked to comment on Fletcher's figure of £1,500 said that the fall was due to shortage of staff, choosing the same charity twice, and went on to suggest "that the ambiguous comments I made at the beginning of the year probably did not help." (For the benefit of Freshers, last year's charity was chosen amidst a lot of ill-feeling. The Carnival Board and Union Executive effectively told the Union to choose the Imperial Cancer Research Fund,

—the third candidate being the Family Planning International Campaign, proposed by the Huxley Society). With the failure of the appointed Chairman of Carnival Committee for this year, the outlet for Carnival is cloudy, but it is suggested this week that Ralph Cornforth, (of Wooden Horse Club fame) should take over the Chairmanship. This, together with the clarification of the constitutional position of the Carnival Committee (formed eight years ago as an offshoot of the London Students' Carnival, which went into liquidation last year) may perhaps help IC's Carnival to regain its lost ground.

BOOK SALE

THE C&G UNION will be organising a text book sale on Tuesday the 11th October at 1.00 in Mech. Eng.

People in Guilds who wish to, may leave them in the entrance of Mech. Eng. during the lunch hour on Thursday, Friday and Monday.

There is no charge for this service. This sale will be of particular benefit to 1st Years so do not rush out and buy all your books before Tuesday.

RECTOR DIES

On Wednesday, 21st September, Sir Patrick Linstead was suddenly taken ill and was rushed to St. Georges Hospital. His death occurred late on Thursday night. It was thought that he was in excellent health and his death came as a complete surprise to the College. The pro-Rector, Sir Owen Saunders, will handle the essential affairs, such as Freshers' Day, for the college. A Memorial Service is to be held, and details will be announced later. See Page 5.

FELIX

needs

STAFF

Danish success for Dramsoc

DRAMSOC WENT on tour this year for a fortnight to Denmark. We arrived by train in Næstved the morning of Sunday the 29th August, having persuaded two girls on the train to accompany us to Denmark. We were met by two members of the "Næstved Amatoscene," whose members put us up for the first week. Organised to the "n"th degree our stay involved visits to a castle, the local newspaper and glassworks and a civic reception. On Thursday and Friday nights we performed "An Inspector Calls" by J. B. Priestley, in the Næstved secondary school. The play was well received by both press and audience. After the performance on Thursday the President of the Næstved Amatoscene presented the society with a really beautiful vase. Our stay culminated on Saturday with a splendid party, at which we were each given engraved glasses.

On Sunday we moved to Nykøbing, a town 40 miles South of Næstved, where we were entertained by the English Club. Here again we were met by an intelligent audience which gathered on Tuesday in the Nykøbing grammar school.

Incredible audience

On Wednesday the 8th of September we travelled by train to Copenhagen. We played here before an incredible audience of over 600 people in the most modern theatre in Denmark. Although apprehensive the cast performed well and was favourably received. Our three days were fully employed sightseeing in Copenhagen including Tivoli Gardens and the Carlsburg Brewery.

We left from Copenhagen on Saturday, 11th September, happy but shattered.

They are in The Observer
every Sunday, yet

Are these the eyes of a madman?



These are the eyes of Michael Frayn. For seven years now, week in, week out (apart from 4 weeks' paid holiday a year), first in The Guardian, then in The Observer, Frayn has had to write an article. 700 words 3 times a week for The Guardian; 900 words once a week in The Observer.

He has also written two novels, The Tin Men and The Russian Interpreter. Appeared regularly on Granada TV. Wrote for TW3. Contributed to The Age of Austerity. He is also married, with two daughters.

Yet there is still virtually no evidence that Frayn has been affected by this. However a growing number of people read The Observer every Sunday for this reason alone. To be actually there, on hand, when he does finally — well — snap.

Read The Observer every Sunday



Rumpus over £m.

'Money lost' — reports

THERE WAS NO question of a treasury loan of £1,000,000 being lost, said London University in a statement during the vacation. The statement followed suggestions in the national daily press that the money was lost—the newspapers got their story from the Second Report of the Committee for Public Accounts, published last month.

The loan to the University was towards the cost of buying property in Bloomsbury. The Committee said that the purchase of the Bloomsbury Estate No. 2 was financed by an Exchequer loan of £1m. issued in 1950, a grant of £250,000 from the LCC and £336,000 from the University's capital resources. The loan was to be converted into grants as the property was brought into use for University purposes. Though this was basically a book transaction, the intention was to give the Treasury, the Department of Education and Science, and the UGC (University Grants Committee) added control over the development of the property.

BELATED STEPS

In July 1965, the balance of the fund, after repayment of the University's original contribution, was announced as £608,000. It was subsequently shown that £499,000 of this was temporarily lent to OTHER University funds.

"We were informed that neither the Treasury nor the Department of Education and Science had made use of the fund over the years; the matter had completely been lost sight of. The committee report states:

"The University Grants Committee had recommended grants for building developments on the estate in complete ignorance of the existence of the amount of money in it."

"Belated steps" to see that money was used for the purpose intended

were welcomed by the Committee, which censored the departments concerned for disregarding their previous warning in 1953.

The University explained that the fund was still earmarked for its original purpose. Although the cash balance had been temporarily diverted to finance other capital expenditure, it was "covered" by a bank loan arrangement, and was always available on demand.

PARLIAMENTARY CONTROL?

The University's statement does not deal with the P.A.C.'s chief complaint, that responsible Government departments "entirely lost sight of the existence and purpose of the fund." This resulted in grants being made from the Exchequer, which should have been financed from the fund. Nor does the statement deal with the PAC's comment that the amount of grants might have been affected if the Grants Committee had known of the fund's existence.

One possible consequence is a further step towards tightening Parliamentary control of the Universities—likely to be taken when the Vice-Chancellor's committee presents evidence before the P.A.C. The Vice-Chancellors were asked to appear in June after the U.G.C.'s discussion of the matter in May. Furthermore, this may affect UGC's future grant assignments to the University.

Elliot in ESRO space project

WITH A GRANT of £188,000 Professor Harry Elliott, head of the Space and Cosmic ray section is producing three experiments—a magnetometer and two cosmic ray telescopes, to be mounted in an ESRO satellite. This satellite named HEOS (highly eccentric orbit satellite), is shared with other ESRO countries and is to be launched from Cape Kennedy in 1968. The launcher is a thrust augmented Thor-Delta rocket, which will put the 10 Kilogram satellite into an orbit which has an eccentricity of 100 and an apogee of 1000 Km.

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WHAT'S ON AT IC

MONDAY 10

Wellsoc. Lecture/demonstration by T. G. Warne on Hypnotism. 7.30 p.m. in Room 408 EE.

Christian Union. Talk "Does science make God unnecessary?" by Dr. W. S. Woolcock.

1.10 p.m. in 266 Aero.

TUESDAY 11

Conservative Society to hold a Freshers' sherry party in the Junior Common Room Southside. Speaker is W. R. van Stroubenzee, M.B.E., M.P. All welcome!

Advertise Free!

This year as last Felix is trying to run an efficient, accurate What's On column. This can be of great use to the Union if all events can be covered. It costs nothing except a little time and trouble on the part of the club secretaries. Information should be sent to The What's On Editor, c/o the FELIX Rack by the Wednesday before publication.

MONDAY 17

Wellsoc. Lecture on "Possibilities for the Artificial Creation of Life," by Dr. N. A. Mitchison, Head of the Experimental Biology Division. 7.30 p.m. in Room 408 EE.

Christian Union. Dr. O. R. Barclay talking on "Is Religion a Retreat?" 1.10 p.m. in 266 Aero.

TUESDAY 18

Mines Union meeting at 1 p.m.



IC team champions of champions

IN JUNE THE IC team, captained by Darshan Pandya, became Champions of the Quiz International League. Last year the League consisted of teams from IC, UC, QMC, LSE and Kings, each played the other four colleges and the top four teams

then played a knockout to find the winner of the series.

There were two series last year, IC won the second. In June a match was held between the two colleges and IC were declared champions.

This year a new series began with the competition open to all foreign

students from the above five colleges and also Bedford and SOAS. So far IC have played and beaten both of these colleges. The photograph shows McDonald Hobley with the teams; from left to right, P. Van der Puije, D. Pandya, I. Cumming and from UC Eng—Soon Tay, J. Litchfield and I Zain.

IMPERIAL COLLEGE COMMEMORATION DAY

Thursday 27th Oct.

Royal Albert Hall 3pm.

RSM on view

Tickets FREE

Commemoration Day celebrates the visit to the College in 1945 of the late King George VI, accompanied by Queen Elizabeth, the Queen Mother, at the centenary of the Royal College of Chemistry, the oldest forerunner of Imperial College.

This year's celebration will be held on Thursday, 28th October in the Royal Albert Hall at 3 p.m. An Address will be given by the special visitor The Rt. Hon. Lord Beeching, Fellow of Imperial College.

An inter-denominational service will be held at 1.30 p.m. in Holy Trinity church, Prince Consort Rd.; The Rt. Rev. E. R. Whickham, Bishop of Middleton will preach.

After the ceremony in the Royal Albert Hall the work and building of the Royal School of Mines will be on view to visitors.

Tea for present students will be in the Main Refectory, Southside. Tickets are available free from the Union office.

FELIX

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Comment by the editor

Proud Record

The full measure of the late Rector's effect on the College did not become apparent until this week. When the members began to consider what he had accomplished in only eleven years, they found a proud record. In his preface to the current Union Handbook he wrote: "this College is by general consent the leading College of Science and Technology in the country." It became so as a result of his brilliant administration and foresight. The College will long have cause to be grateful to him and to admire his achievements.

Chance of a lifetime

One idea which will be thrown at the Freshers in these first few days is: "You must strike a happy balance between work and play—both are important." By the time you have heard this from the President (Which one was he?) and your tutor (Remember him well, he may never see you again) you may well wonder (a) what the — does it mean and (b) what are they trying to sell?

The ULU handbook describes IC as having a highly independent union—this is indeed true. Being such a large college it can offer many facilities in its own union for which smaller institutions must look back to ULU. It is also one of the few colleges not affiliated to the National Union of Students and has on occasions acted as an independent voice for students, e.g. the loans lobby of Parliament last May.

IC Union has an advantage over most other Universities in that it is a medium-sized body comprised of three smaller bodies and itself part of a large body. The large body is ULU and the three smaller ones the "constituent college unions"—note that phrase, it is a local cliché. It can thus provide opportunities for people of all abilities. The ambitious may find their niche in the corridors of Malet Street (ULU), those content with a smaller sphere of influence will find ample opportunities to display their talents in the corridors, stair-cases and liftshafts of IC. For those who prefer an even tighter knit company, the constituent college unions have many flourishing and influential organisations.

As for striking a happy balance this obviously means different things to different people. Some can be a President of a society and get a First, others can do nothing and still fail. In your first weeks experiment, find out what you can allow for work! Seriously though, it's no good hiding away and saying you will enjoy yourself after you graduate—now is the time of opportunity.

You will no doubt have joined some of the seductive societies you saw on Freshers' Day. Possibly your attitude was "I want to join the Folk Song Club because I like to listen to folk music." or "If I join the Photographic Society I can use their darkrooms." While not uncommendable, these are not the best reasons for joining. Any kind of society depends for its success on the activity and involvement of its members—please get involved! Don't imagine you can step into a society as President (Vice-President possibly) but you can give your ideas, help and time right from the start. There is no need to be afraid of being turned away as a "Fresher"—you are only a Fresher as long as you act as one. There are no closed shops—all doors will open if you push hard enough—and it is time a few people did start pushing: the sweet drug of apathy may easily overcome this fertile college.

Obviously you know best where your interests lie, but do not neglect to broaden your outlook—your real talents may still be latent. There are opportunities for everyone, boredom should be an impossibility.

Top of the Union

IN THE UNION we have the makings of a successful administration. Undoubtedly the power lies with President Tony Duke. He has already shown himself capable of employing his powers and directing it to useful purposes. At the time of writing (28th) I suspect he has some schemes for making large changes in the Union affairs.

David McBain, Vice-President, is a hard-working diligent officer. Already he has made efficient use of his limited time (he is a third year engineer) to implement the recommendations of the Council decision on notice boards.

Secretary Brendan Parker is another hard-working member of Duke's staff. He worked hard under Fletcher last year to gain this post and no doubt learned much from this teacher.

A Good Beginning.

It is with a deep sense of loss that we start the year after the sad death of the Rector, Sir Patrick Linstead. Although he was an eminent scientist and administrator he will be remembered by the Union for the interest he showed in student affairs.

At this time it is vital for us to maintain the high standards in the life of the College of which we are proud. We must show that we are a strong and united Union by our sense of loyalty and responsibility. We must try to do this without dampening our spirits. We are a rare example of a self-governing Union, we must not lose any of the advantages which this gives us.

As an executive one of our main difficulties is one of communication. In a college of this size it is difficult for us to keep in touch with the ordinary members. We do our best through FELIX and Union meetings, and the notice boards. The Union caters for most interests but it is up to you as the ordinary member to make the effort to get to know what is going on and where.

In conclusion, may I welcome you all to the start of the new session, and from now on it's all yours!

Tony Duke
President ICU

Mike

Sir,

During the past year I have been responsible for the construction of MIKE, I.C.'s new mascot.

I would now like to express my personal thanks to the undermentioned members of the college staff, without whose help the construction of neither the mascot or its plinth would have been possible:—

Maintenance: Mr. Lewis, Mr. Shurety, Mr. Deering and Mr. Fred Cox.

Mech. Eng.: Johnny Morgan, Gordon Stabin, Bob Garmon and Arthur Dowden.

Civ. Eng.: Mr. Branan, Dept. Supt. Stan Cook, carpenter; Mr. Scott, workshop.

Elec. Eng.: Mr. Green, workshop. Royal School of Mines: Mr. Harris, Dept. Supt.; Bert West, workshop; and, of course, Mac., in the foundry.

My thanks also go to the few students involved: Roger Cross, Jim McLeod, Dick Conn, Paul Ward and Peter Mason.

R. N. CORNFORTH.

That Crowd Again!

Sir,

At the end of last term, a private party was held in the ICWA lounge. At 11.15 p.m. (closing time), the party was invaded by over twenty people, members of what can be termed the bar-crowd. The rowdiest and most objectionable were asked without success to leave. After about an hour, some of the gatecrashers created a disturbance and a brawl broke out in which furniture was sent flying and glasses and bottles smashed. Afterwards, one of the invited guests, who had tried to stop the fight amongst the gate crashers, was taken to hospital. He had three stitches put above his eye and was found to have a broken nose.

Perhaps the most appalling aspect of this affair is that it was not an isolated incident. Throughout the whole of last year, a continuous series of complaints were made through these columns about similar incidents involving the "bar-crowd"—the breaking up of parties, destruction of Union and Hall property, and vandalism in general.

As yet, despite the frequency with which these incidents occur, no official action has been taken. Is the Union completely powerless to act in these cases—or merely unwilling?

J. P. POYSER.

Obituary

Sir,

I doubt if you will have heard of the death of Mike Neville-Polly last month in Zambia. Having only left college last Christmas there will be many of Mike's friends still in I.C. who will not have heard of this tragedy either.

Mike took a degree in Mechanical Engineering before coming to us in Mining for a DIC by research. He had a wide number of friends in both parts of the college, who, I am sure, will miss him greatly.

He went to Zambia as a Mechanical Engineer at Chingola mine in the New Year.

Mike died in a road accident when returning from a rugby match at Chingola one afternoon. Their small sports car hit a horse when doing more than 50 m.p.h. The animal was thrown over the bonnet and through the windscreen. Mike was severely concussed with internal bleeding around the brain. He died in hospital after being unconscious for five weeks. His companion escaped virtually unharmed.

I am sure he will be missed by many in the college. You may remember him as a past captain of I.C. Boxing Club.

J. H. SHILLALSER

AS IN THE PAST the Editor will be pleased to receive letters for publication. However the right to withhold from publication such letters, either in part or entirely, is reserved. THE EDITOR does not necessarily agree with the opinions of advertisers, columnists or correspondents.

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THE LATE RECTOR

SIR PATRICK LINSTEAD, CBE, FRS, who died suddenly on the 24th of September, had guided Imperial College through a crucial period of its history. A graduate of the College, he was a member of the Chemistry department staff until 1938, and gained an international reputation in organic Chemistry. He was then successively Professor at Sheffield and at Harvard, Deputy Director of Research at the war-time Ministry of Supply, and Director of the National Chemical Laboratory. He returned in 1949 becoming head of the Chemistry department and Dean of the RCS; and was appointed Rector in 1955.

His scientific attainments and contributions to the development of University education, (which included membership of the Robbins Committee), are well known. In South Kensington he will also be particularly remembered for his personal influences on the nature and quality of the massive expansion of the College, which had been initiated under his predecessor, Air Chief Marshal Sir Roderick Hill. Steering through the complications caused by the retention of the Queen's Tower he sought to ensure that the large new academic buildings were modern and functional but would not "astonish our neighbours and clash with the pleasant legacies of the past." Within them he successfully fostered the development of new departments and fields of study, and of interdepartmental collaboration. One of his earliest decisions was that residential expansion should have equal priority with academic building, and from this sprang the redevelopment of Prince's Gardens, which will eventually accommodate more than one thousand students. His concern for the nurturing of a University environment was also shown by the opening of the Playfair and Haldane Libraries, in the expansion of the Harlington sports ground, by his active encouragement of the General Studies programme, and in the project to build a swimming pool and squash courts on the North side of Prince's Gardens, which is now under way.

The Rector was closely interested in the activities of the Union, ("that beneficent organisation") and of its many clubs and societies. The addition of two storeys to the original Union building was carried out in the first years of his rectorship. Subsequently he designated as "Union Areas" much space in South Side and in the College Block, (which is soon to be built); and he had prepared the ground for the necessary strengthening of the Union finances to accompany this growth. He gave strong support to such new enterprises as the Exploration Board and, with Lady Linstead, attended many social functions in the Union. His urbane after dinner speeches on these occasions were enlivened by many adroit shafts of humour, which were usually preceded by a speculative glance at the ceiling. He was always accessible for consultation with the President of the Union, and maintained excellent relations with successive generations of student officers.

Sir Patrick was a humane man of wide sympathies and interests. His long experience of the College enabled him to graft the new onto the healthiest elements of the old, and it is sad that he has not lived to see the complete fulfillment of the design. Those who knew him feel his passing as a personal loss.

Dr. K. E. WEALE.

THE WELLS CENTENARY

THE CENTENARY of the birth of H. G. Wells is commemorated by a variety of public and college events. In December Lord Snow is to give a special Centenary lecture in the Huxley Building when he will speak about Wells the literary pioneer and scientific educator.

Earlier this Autumn the BBC broadcast a documentary television programme on Wells entitled 'Whoosh'. In this three members of Wellsoc appeared briefly.

The biggest event in Wellsoc's autumn timetable is the Wells Week organised in honour of H. G. Wells—one of IC's most celebrated alumni. The main feature of this week will be "an Art of Science Exhibition," but there will also be a dinner attended by Wells' son, G. P. Wells, and showings of four films based on H. G. Wells' books.

The Art of Science Exhibition is to be held from 7th to 11th November and is organised by Colin Phillips, room 637 Tizard Hall. All Union members may enter using the forms available around the college. Entries are invited for such categories as painting, sculpture, music, robots, inventions, science fiction—in fact almost anything will be considered provided that the entry is a work of art inspired by science, incorporating scientific apparatus or produced scientifically.

A long list of distinguished scientists and artists has been invited to judge the entries, each taking on an appropriate category. They will collaborate in judging any entries which do not fall into a listed class. For a special predictions category, the entries will be buried, and twenty years hence the then Rector will be invited to judge which forecast has been most nearly fulfilled. The winner will then receive his prize.

Wellsoc is again offering a full programme of weekly meetings. As usual the first meeting is a crowd-drawer, being a lecture with demonstrations on hypnotism. This is followed in later weeks by a discussion of the possibility of creating life, Hermann Bondi on cosmology, a lecture on brain-washing and voodoo, and several other intriguing topics.

The Society's special study groups set up last year to investigate flying saucers and ghosts will continue. The latter group will become affiliated to the society for Psychical Research.

I know a bank . . .

Actually, as Shakespeare fans will recall, the bank that Oberon was talking about was the sort whereon the wild thyme blew. Just the thing for a midsummer night's dream no doubt but not nearly as much practical use to the student as the other kind of bank—the Midland, for example.

There's nothing difficult about opening an account with the Midland, just a few simple formalities and the thing's done. Have a word with your local manager—he'll be very willing to help. And you don't have to go to Athens for this bank, either. There's a branch of the Midland in every university city and town.



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ULU Fresher's

Three days of festivities

Not to be missed

As should be clear from the discouraging comments in Imperial College Union Yearbook, the University of London Union and its building come in for considerable abuse at IC. Yet last year IC provided on a *per capita* basis, more of ULU's officers and executive than any other college, and more absolutely than all but one of them. The reason for this anomaly is that, unfortunately, many IC students do not "manage" to get to ULU on one of the three Freshers' evenings, know nothing about ULU except from hearsay, and thus become stubbornly anti-Malet Street. Of those who do find their way there, despite the ignorance of taxi drivers, bus conductors and pedestrians, many like what they see, become addicted and stubbornly pro-ULU. Certainly a balance between these two extremes exists.

However, if you do manage to travel by London Transport from IC to ULU, at the reasonable cost of one shilling, you will find a thriving organisation. One which provides a magnificent swimming-pool, squash, badminton and gymnasium facilities, as well as a choice of over one hundred student societies—complementary to those of ICU.

How to get there

Get to ULU:

by bus: No. 14 from the Victoria & Albert Museum,
or: No. 73 from the Albert Hall.

by tube: Piccadilly to Leicester Sq. and then Northern Line to
Goodge St. Station.

From Goodge St. it is necessary to cross the road, walk down beside Heals and along Torrington Place. The ULU building is on your right opposite Dillon's University Bookshop. Note that the buses return to IC from a stop in Gower Street, outside RADA.

A guide to the societies, and the location of their stalls in ULU during the Freshers' evenings is given below. If you join any societies or even if you don't, keep in touch with their activities through the FELIX ULU What's On column.

Don't miss the stall
which interests you—
check its location,
before you go there.



ULU Freshers' days, Monday, Tuesday & Wednesday, October 10th, 11th, 12th.

For a plan of the building see your ULU Handbook: Societies' stalls are distributed as follows:—

Ground floor lounge

1. Men's University Sports Committee (Men's sports clubs)
2. Union Shop for ties scarves, diaries etc.)
3. Women's University Sports Committee (Women's sports clubs)
4. SENNET—the ULU newspaper
5. ULU Entertainment Committee

Ground floor assembly hall entrance

6. Drama Society
7. French Society
8. ULU Film (the ULU film club)
9. Youth Council
10. Sub Aqua Club

First floor assembly hall foyer

11. Gilbert and Sullivan Society and Opera Group
12. Youth Hostels Association
13. Chess Club
14. Church Society
15. Historical Society

16. Debates Society

First floor landing

18. Folk Song Club

First floor—room 1B

19. Psychological Society
20. Lancastrian Society
21. Winks Society
22. Catholic Society
23. Geographical Society
24. Polish Society
25. Ice skating Club
26. Quaker Society
27. Archeological Society
28. Pakistan Society
29. Marxist Society
30. Wine and Food

Second floor landing

31. Tape Recording Group

Second floor—room 2B

32. Flying Club
33. Natural History Society

Second floor—rooms 2D, E & F

34. India Society
35. Presbyterian-Congregational Society

36. Bobsleigh Society
37. Welsh Society
38. Hellenic Association
39. Ballroom Dancing Society
40. Scout and Guide Movement
41. Jewish Society
42. Socialist Society and Labour Club
43. Liberal Federation
44. Conservative Association
45. European Society

Music Room

46. Choral Society
47. Kevue Society
48. Orchestra
49. Art Squadron
50. Hepatic Society
51. Methodist Society
52. English Folk Dance Society
53. Iranian Society
54. USSR Society

Third floor—room 3C

55. Chinese Society
57. Socialist Medical Association
58. Christian Science Organisation
59. Scottish Dancing Society
60. Humanist Society
61. Inter-Faculty Christian Union
62. Arab Society

Third floor—Badminton Court

- Monday 6.00-9.00 pm Badminton Club
- Tuesday 6.00-9.00 pm Fencing Club
- Wednesday 6.00-9.00 pm Scottish Dancing Society

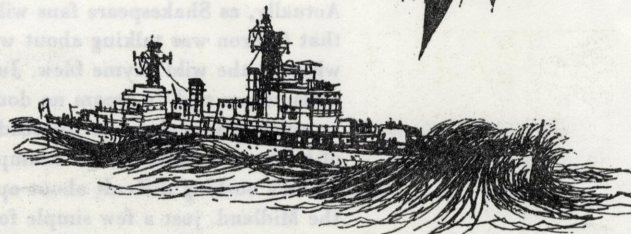
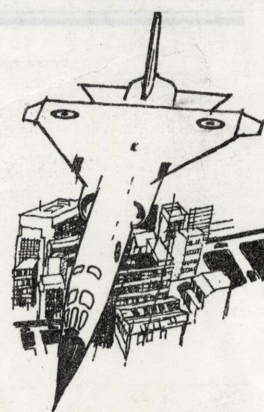
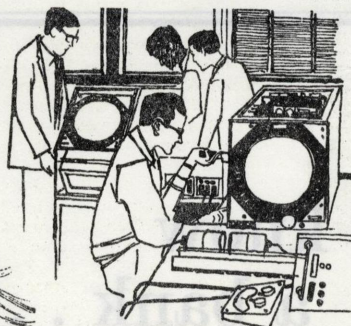
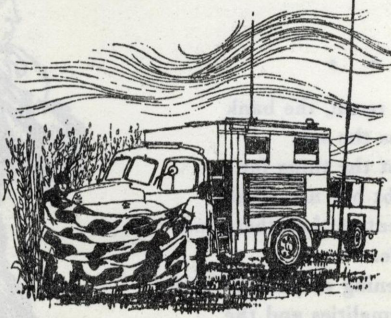
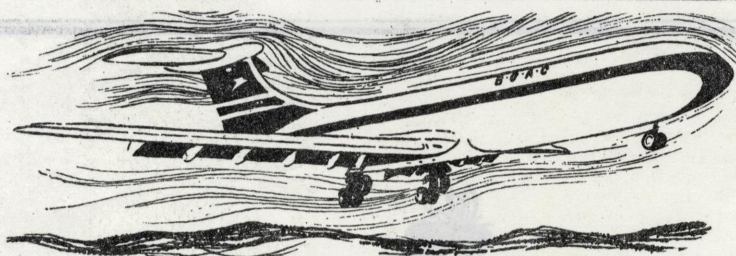
Basement:—

- Swimming Pool
- 6.00-7.30 pm Swimming Club (Diving, Water Polo & Swimming displays)
- 7.30-8.30 pm Sub-Aqua Club (Demonstrations)

Gymnasium

- Monday 6.00-7.30 pm Sports Club Training
- 7.30-9.00 pm Boxing Club, Athletic Club
- Tuesday 6.00-7.15 pm Women's Athletic Club
- 7.15-9.00 pm Basketball Trials
- Wednesday 5.30-6.30 pm Netball Club
- 5.30-9.00 pm Judo & Trampoline Clubs.

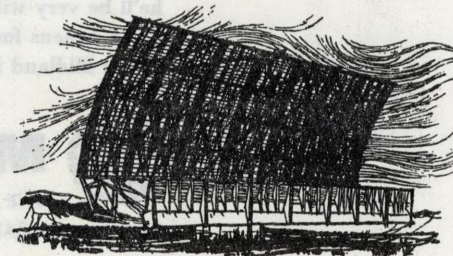
The snack bar on the fourth floor is open only until 8.30 pm, and the Bar closes at 10.00 pm, so be warned.



encyclopaedic Marconi



Electronic and mechanical engineers, designers, system planners and manufacturers of telecommunications, broadcasting, maritime and aviation radio equipment; radar, television, specialized components, microelectronics, data processing equipment and navigational aids on land, at sea and in the air

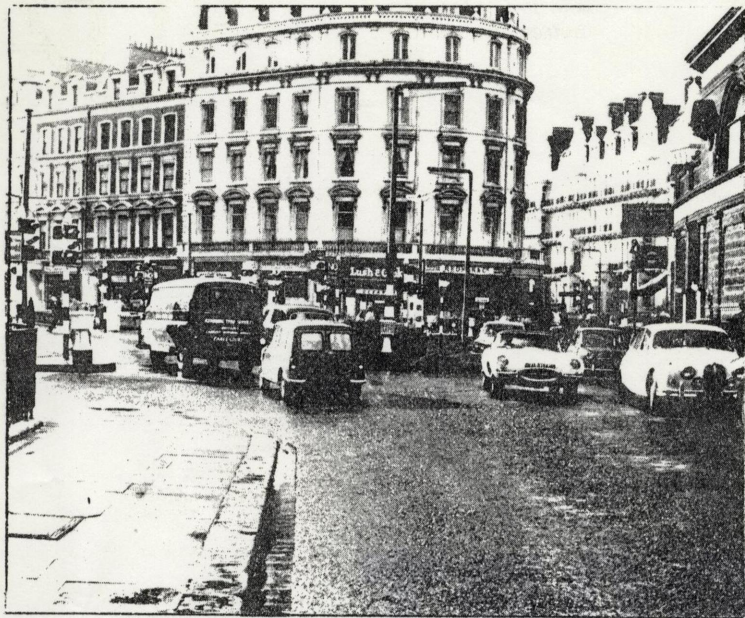


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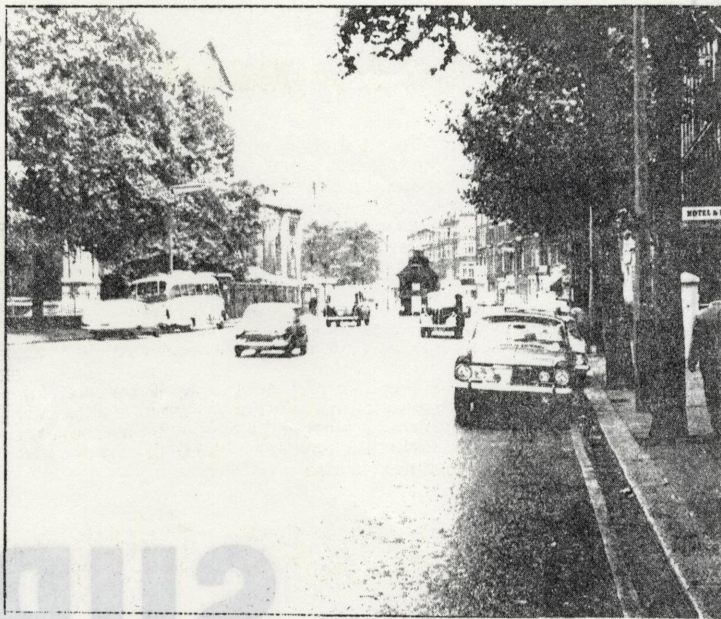
MARCONI HOUSE, CHELMSFORD, ESSEX, ENGLAND

LTD/X51

SOUTH KEN, PLEASE!



The traffic intersections in the shopping centre, on the left is Fulham Road and on the right the station buildings.



Brompton Road looking towards Knightsbridge: the well known shopping centre.



Thurloe Place: nearest entrance to the Tube station.

SOUTH KEN. is something of a "no-man's land" between Kensington proper and Chelsea. It is bounded roughly by the arterial Cromwell Road and the Fulham Road. At the western end it merges with the bed-sit realms of Earls Court, which is thus within walking distance of the College.

It is a fairly undistinguished area and can claim no sordid crimes or battles to its fame. Flats of varying rent and quality abound in its numerous squares and crescents and their residents are the principal population of much of the district.

The shopping area around the Tube station is unusual in its construction. The site appears to be an over-grown collection of "corner-shops." Cafes and restaurants to cater for all tastes are plentiful and whatever the Union handbook implies the food in many of them is good and I have never encountered surly service. One restaurant just outside this cluster is the Shangri-La in Brompton Rd.—highly recommended by the Times but don't go downstairs without £2! Bookshops, record shops, ticket agents, hairdressers—almost all requirements are catered for except that there is a lack of a good grocer. The nearest one is in Gloucester Road.

A long established firm is the Belgian Pastry Shop in Fulham Road. This has been producing its fine pastries for over two hundred years. The King's Road, the famous Chelsea mecca for all the "in-crowd," lies beyond Fulham Road. It was so called because in earlier times it was for the exclusive use of the King and his guests. It is a fine shopping area with its dozens of antique and old furniture shops, gift shops, dress shops and food stores. At the eastern end is Sloane Square with its large stores. The nearest department store to the College is Harrod's in Knightsbridge.



The Zetland: for more details see the Handbook.



For those seeking flats, cars, tuition in French or indeed almost anything notice boards such as this one are a good start. Best time to look is Monday when they are changed.



Onslow Square, one of the many quiet, garden squares to be found in S. Ken. It is one of the more famous; William Makepeace Thackeray wrote 'The Virginians' during his stay here.

Advertiser's Announcement

EXTRA

SUPPORT

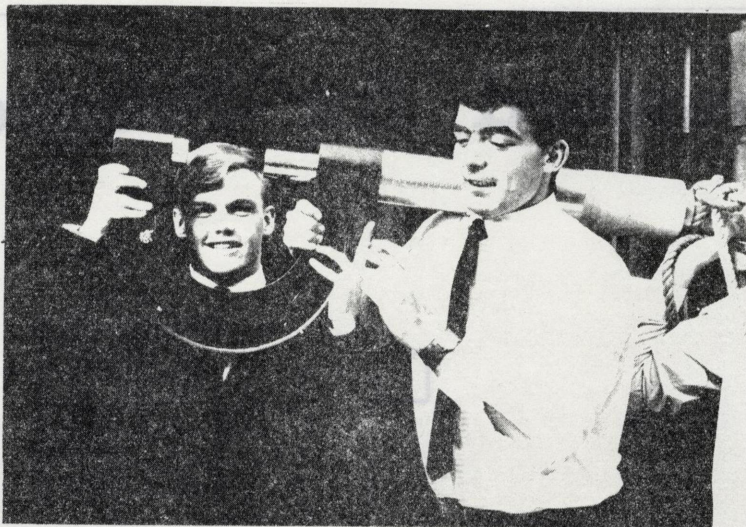
RHODESIA

MIKE

UNTIL 1964 ICU'S mascot was a brass eagle called Phoenix. This was 'Lost' under very dubious circumstances, namely a drunken mascot officer, at the end of that year and there followed an unofficial adoption of Queen's Tower (c.f. University College). But this was generally felt by the more active members of Wooden Horse to be a retrograde step, giving those whose mascots had been stolen by I.C. no chance to retaliate. So "Mike" was born and it is solely due to the organisation and practical ability of Ralph Cornforth that the ideas have become reality. He found himself the sole person interested after being let down by several people who had promised designs and assistance.

Beginnings

The first term of last year was spent purely in organisation and in the collection of material. Mines evinced a willingness to cast the frame, if sufficient brass were supplied. The RSM rep. on the project, Jim McLeod, being a member of I.C. rifle club supplied the answer in the form of a hundred and fifty pounds of spent cartridges. He then spent many happy hours melting these down into ingots ready for the actual casting.



Meanwhile overtures had been made to various carpenters within the college to make a pattern for the casting of the frame. This was a tricky job, far beyond the capabilities of any of the students concerned, but a superb job was done by Stan Cook of the Civ Eng workshop.

In the meantime Ralph Cornforth had redesigned the micrometer, to enable it to be made more easily. From most of the major departments (Physics, Chem Eng, Civ Eng), but mainly Mech Eng came steel bar and tube. This was melted and used to cast the frame in the RSM foundry. It came out near perfect the first time and work was immediately begun cleaning it up. Ralph machined the frame and spindle himself, the finishing being done in the Civil and Elec Eng workshops.

The original idea was to mount the masterpiece on the window-ledge in the concert hall, but this was eventually discarded and the lower lounge chosen. Here the college Maintenance

Department was found to be most helpful—they proceeded to cast a ton of concrete in the lower lounge which was then formed into the plinth.

The mounting and alarms required the construction of a safe door and frame—to be cast into the top part of the plinth. All these jobs were done by the Wooden Horse club with much assistance from the Maintenance Dept. The engraving on the assembly was added by Civ Eng, being graduated in division of .8in. (The Union meeting decided Mike should be graduated in degrees.) Chromium plating was done by B.J.S. Electro-Plating Co. Under great secrecy during the long vacation the elaborate safety measures were finished and it will certainly take very considerable resources to crack or outwit Mike. Should it ever happen that human error allows Mike to be kidnapped then I.C. should mourn the loss of London's most sophisticated mascot.

MEET PAM

PAM JOHNSTON is the new Union messenger, replacing Stan Branker who left this summer after a six year stay. She took up residence in the tiny office only last week, and so is unfamiliar with the routine.

Vivacious Pam adds a welcome touch of glamour to the somewhat monastic Union. She admits to a great interest in art and, according to Vice-President Dave McBain, is liable to be sketching on the walls.

Although she was born in London, most of her life has been spent in Canada and she still retains a slight Canadian accent. While in Canada Pam worked mainly in Vancouver.

Her return to England was made in 1962 and she spent the year after her arrival "travelling around." Since then she has had various secretarial posts including one in an Eastern embassy.

Pam was offered the post after answering an advertisement, though at that time she did not know the exact nature of the job. We wish her the best of luck in this often trying job.

CROSSWORD

This year the crossword puzzles are to be run on the lines of a competition. A cash prize of 10s. will be paid to the creator of the best crossword puzzle submitted each issue. The entries will be judged by our staff and their decision is final. The right is reserved to omit the Crossword if there is insufficient space.



Some might call him a zebra. To me he's Socrates. Matches the scarf, too. Difficult in the digs. But not at Martins. They understand. They're so friendly at Martins—especially to students.

Martins have an especial knowledge of a student's need to budget grants and allowances carefully which is why so many students find it worthwhile to open an account at Martins.

Martins go to extremes to be helpful at 35 Gloucester Road, London, S.W.7

**MARTINS
BANK
LIMITED**

Crossword for Freshers



Down

1 Nothing

Across

1 Exclamation

TO LET

ATHLETIC'S CLUB TOUR

IN A LAST desperate attempt to beat the currency restrictions and push our razor-edged economy over the brink, I.C. Athletics team exported itself to Germany.

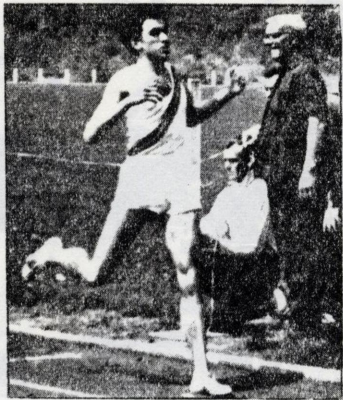
The regulations of the Civil department committed many of our best men to field courses; but what we lacked on the track we were determined to make up for it.

Setting off on the first Saturday morning of the vac. we made for Cologne where we collected our mini-bus and started looking for somewhere to stay the night. The Captain's organisational ability reached even greater heights the next day when we drove to meet our hosts in Frankfurt and discovered that 1500 hrs is not the same as five o'clock. However, we did find our accommodation and several glasses of the local brew restored confidence.

Both our stay in Frankfurt and the match itself were marred by wet team and we were not allowed any first places, though Dave Downie (Mines' one-man athletic team) came closest to one. He blamed his failure on having broken a life-long rule and trained the day before.

Next to Mannheim where we met all our old friends from Sports Day. Here everything was laid on for us including sunshine and sightseeing. They cunningly arranged the match for the last day so that after three days of German hospitality and beer combined with a crack-of-dawn start they won by more than the two points victory on Sports Day. Among our most successful events in that match were the 1500m won by Howard Dickson and the relay where in spite of only having three regular sprinters we won the relay by a comfortable margin. Of course they did drop the baton.

On, then, the match against Tubingen who, again some of us had met previously in London. Here too we were well entertained and only wished we were there for more than two days. The competition was one most enjoyable with a really friendly spirit and Dave at last overcoming his



Howard Dickson breaks the tape in the 1500m at Mannheim.

Photos by Ian Winship

training and winning a very tense high jump competition. The match was followed by a succession of wettings-swimming, punting and drinking.

The last few days of the trip were lived out in Karlsruhe where we took part in a many-cornered competition. Starse of this meeting were Aberdeen University who in spite of two days travelling wiped the floor with everybody. If we were outclassed on the sporting side we more than held our own on the 'sport' side at the reception that evening.

Altogether it was a very enjoyable tour in which we made many friends and spread the image of I.C. abroad—but it should recover.

F. D. Hobson

Athletics

IN THE recent Britain v Sweden athletic match, competing in the high jump, was Leon Hall, who has just graduated from the Physics Department. Leon cleared just below 6'5 -4", below Britain's, first string Fairbrother. The two Swedes cleared over 6'9"

UNDERWATER WITH THE I.C. CLUB

UNDERWATER CLUB

The Underwater Club, one of the country's foremost university sub-aqua clubs. Activities include open water meetings, an Easter camp in the South of France (which is open to freshers) and at least one major expedition.

The Clubs Facilities include a van and a compressor as well as aqualungs, basic equipment (mask, fins, etc) which can be bought at reduced prices.

Training starting at the beginning of term includes both baths sessions and lectures. Freshers are especially welcome.

Interested freshers should write to the Secretary via the Union Rack or attend at 1.15 on 6th October in Rm. 253 Aero when a short film will be shown.

TO NORWAY WITH BOOTS

A MINI-BUS, a 1948 car, 219 man-days of dehydrated food and 12 members of the Rover Crew were some of the items shipped on board the "Leda" at New-castle on June 25th.

The crossing to Norway was short and calm, which was more than can be said for our driving in Norway. The vehicles made the 5000 ft. climb into the heart of the Jotenheim Mountains without getting more than a little steamed up. A base camp was set up at Leirvassbu from which we were able to climb at least a dozen peaks each within a day and a separate camp was set up at Spiterstulen from which the two highest mountains in Northern Europe, Galdhoppigen and Glittertind (8,000 ft.), were climbed.

Although the mountains were deserted, we were in walking distance of Leirvassbu and we met many Norwegians, mainly students, who taught us Norwegian songs and dances and in return we tried to teach them some of ours to our common amusement.

On the whole we were fortunate to be "lost" in the mountains and yet still make contact with the Norwegians.



The I.C. pair, Hobson and Dickson, keep in close contact with the opposition during the 1500 m at Mannheim.

FACTS AND FOOTBALL

GREETINGS TO ALL the new members of the club, and to present members playing another season with us. The committee hopes the freshers, especially, will settle down as soon as possible. To begin with, the club is affiliated to the Middlesex F.A., from whom we get two Cup Final tickets.

This year seven teams will be in the U.L. leagues, and also in the Cup competitions. To ensure an excellent chance of doing well, we want to establish settled teams as soon as possible, whilst preserving the opportunity for players of merit to 'move up'. Of course, this means that some players, who are 'off form' will have to forfeit their places.

If all players are not lackadaisical in their approach to the game, the committee assures you that it will be doing its best to make you satisfied with the club, and the two games per week you will get.

Apart from playing soccer all season, there is the social aspect to be considered and next Wednesday, after the matches, we have the 'pie and mash supper' to be held in the Union: details from the notice board. In January and February, the Club Dance and the annual dinner are held with great success.

I hope your interest has been caught and that you will endeavour to show keenness throughout the season.

J. Garratt

BANG!

FOR THE SECOND year running the college rifle club 'B' team won the University league. The University full-bore and pistol championship were also won by club members. The 'A' team, however, slipped one position further and ended up third.

This year the club will be using the range at Chelsea Barracks which should lead to an improved standard of shooting. It will also be possible for more people to shoot more frequently and the club hopes to encourage more beginners to shoot. In the past few years the active membership of the club has been declining owing to the difficulty of allocating range time to others than team members.

Details of the club's activities and meetings can be found on the notice board.

IMPERIAL COLLEGE UNION
COMMEMORATION BALL
 AT QUAGLINO'S
Thursday 27 October
Dancing from 9pm to 2am

FELIX

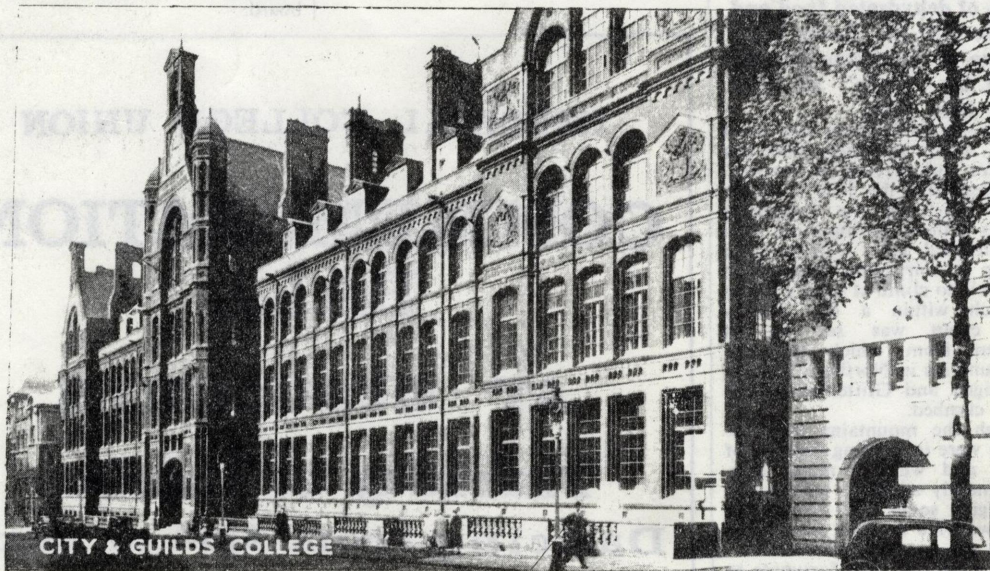
WEEKEND DEADLINE

Mascot Ready

MIKE, GIANT sized micrometer built in such secrecy last year as mascot for ICU, is to be inaugurated (or should it be dedicated) at the first IC Union General Meeting of the year, on November 3rd.

The secrecy has been maintained by the 'Wooden Horse' organisation (IC's movement for mascotry of all kinds) under the leadership of Ralph Cornforth. This task was all the more important because after IC's successful 'snatches' of mascots from Kings, City University (then Northampton College) and SOAS they would have appeared highly ridiculous if they had 'Lost' IC's own mascot before it was even complete. They also undertook the entire design, manufacture and installation of 'Mike'.

Old Buildings



CITY & GUILDS COLLEGE

Mike ranks undoubtedly as one of the finest examples of student ingenuity in the country—not only is he fully operational, but he has a defence mechanism which according to "Wooden Horse" can never be penetrated. Its 170 lbs. of steel and brass will lie on a 1½ ton concrete plinth in the Union lower lounge, and is protected from any marauders by clamps and safes, and a highly complex electronic alarm grid. In fact, the Union asks us to make it clear that it can accept no responsibility for misadventure to any amateur mascot pirate.

Although "Mike" will be permanently on show in the Union Building, he will be brought into Union General Meetings and other occasions as much as possible. Imperial College has a mascot to be proud of, and which should enliven the recently rather dull London mascot scene.

Failures

By general assent last year was a good year in the Union, hence it was perhaps inevitable that there should be a large crop of failures. The exams have claimed victims from all parts of the Union; large sections of Dramsoc and Ents. Committee have failed to return. The Carnival organisers, Jim Murray and Peter Jones, have both failed, as has the chairman of Ents., Brian Compton. It seems probable that Keith Guy, last year's Chairman of SCC and unsuccessful candidate for the presidency will be nominated by Council as Chairman of Ents.

FELIX has lost all of its most experienced staff and begins the year with its youngest ever Editor.

Note: Dai Howell set up a record last year. It was the first time he passed a year the first time!

Sir Willis in the News

Very much in the news is Sir Willis Jackson, Head of the Electrical Engineering Department. Earlier this summer he was appointed President of the British Association. As he is only just taking on this post he has not yet announced any intentions and will not deliver his Presidential address until next summer. However it is reported that more time will be given at future meetings to symposia which will bring a number of disciplines together to discuss matters of common interest.

On October 31st Sir Willis is to chair one of the 1966 Granada Guildhall lectures. The speaker is Sebastian de Ferranti, whose subject will be "Technology and power." On November 5th, Sir Willis is to receive an honorary degree on the occasion of the installation of the Prime Minister, Mr. Wilson, as the first Chancellor of the University of Bradford.

New Hall

WITHIN TWELVE hours of the announcement of the Selective Employment Tax, the college received requests from contractors whose tenders were under consideration for review or even withdrawal of their tenders. These included the contract for the new hall development in Eastside.

The situation was critical because a stipulation of the anonymous benefactor was that work should begin before 21st May. Only by immediate negotiations was it possible to retain the planned starting date of the 16th of May.

Work is now continuing smoothly and the hall is due for completion for the Summer term of 1968. It is reported that during the Summer the work compound has been broken into at night, possibly by students.

FELIX

This year FELIX finds itself with a decimated staff. What it needs NOW are people to give a hand. To give you an idea, there are vacancies for: reporters, photographers, sub-editors, salesgirls, business organisers and cartoonists. Literally scores of people are required, especially Freshers. FELIX holds meetings in the Press room at the top of the Union on Tuesdays and Thursdays at 12.45 p.m. If you cannot get to these visit one of the editorial staff in his room—at least you'll get some coffee! (96, Beit for the Editor)

SMALL ADS.

Citroen Light 15 1953 for sale price £60. Sound condition and good body-work. Contact I. Cummings Elect Eng P.G.