



# FELIX

No. 248

Wednesday, 4th October, 1967

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## Postgrads ask for more

A delegation of I.C. postgraduates is to call on officials of the Science Research Council to press for a £70 p.a. London Allowance for S.R.C. supported postgraduates. This was decided at a meeting of Physics P.G.'s on 12th July, organised by the I.C. branch of the Association of Scientific Workers. The meeting also agreed to ask for the earnings limit to be raised. It is expected that meetings in Chemistry and Guilds will also endorse these demands.

J. G. Wilson was elected Phy-

sics representative on the delegation, which will be led by A.Sc.W. branch secretary H. Fairbrother, a lecturer in the Maths. department.

Mr. Fairbrother opened the meeting with an account of the history of negotiations with the D.S.I.R. (Dept. of Scientific and Industrial Research) and the S.R.C. since 1962, when the P.G.'s London allowance of £60 was abolished. He also pointed out that undergraduate students, lecturers and technicians all receive a London allowance, and so

do the Civil Servants who decided that P.G.s could do without. In fact the P.G. now gets less, per week spent at College, than an undergraduate. The A.Sc.W. has produced a document giving the background to the claim. The values of D.S.I.R. studentships in the period 1953 to 1962 included between £40 and £60 London differential. To justify removing this in 1962, the Civil Service produced a 4-year-old survey of 170 postgraduates at 11 universities to show that Londoners lived adequately and

no more expensively than their provincial colleagues.

The next year, A.Sc.W. members held a more detailed survey of 250 London postgraduates, which showed that using the same yardsticks as the Civil Service survey, nearly £600 p.a. was a reasonable figure for London living. Official arguments that "students should expect to make sacrifices," are also easily answered, since all students should

make the same sacrifices. At present, London P.G.'s make a double sacrifice.

The Governments' final answer is always the same: "the National cake isn't big enough"; but at a conservative estimate the value of graduates entering industry each year is equivalent to a £500 million increase in the cake. This makes the Government's discriminatory penny-pinching look more than pound foolish.

### Sixth Formers Spurn Science

## APPLICATIONS DROP

"If pupils turn away from science at the top of the secondary school and at the entrance to higher education... then something has gone wrong on the way," declared Miss Alice Bacon, Minister of State for Education and Science, in Leeds on September 5.

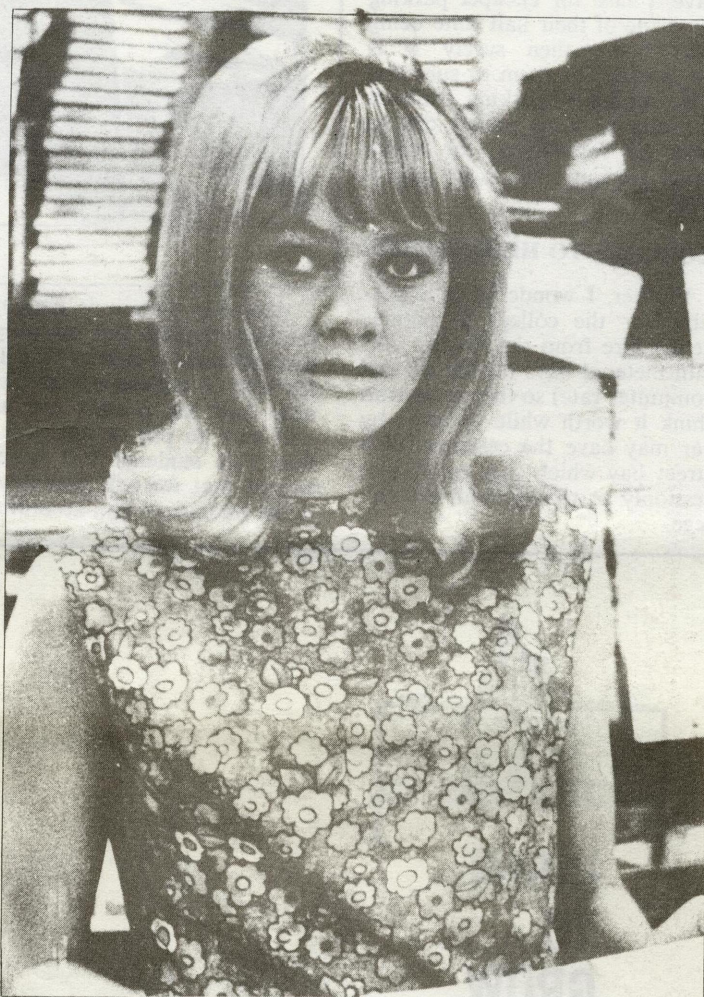
This tendency is reflected in the situation at I.C., where 20 per cent less applications for places were received this year.

The facts about the trend away from technology should certainly provide food for thought for the powers-that-be, especially in this College. The drop in applications for university places in science and technology is reported to be quite widespread—not just in England but on the Continent as well. People are going for the social sciences, because the science courses are too difficult. FELIX was told by a member of staff responsible for selection in one of the big departments that this will probably mean that schools will have to change their syllabuses. Whether the schools will agree with this diagnosis, of course, remains to be seen.

Miss Bacon, who was addressing the British Association for the Advancement of Science, said there was a sense in which the spirit of science was more active in a progressive infants school than in any subsequent part of the education service. There you had children finding out for themselves about the qualities of materials—of water and sand, and paint and clay—and about their everyday environment, with a freshness and a sense of wonder that somehow got lost as their learning became more sophisticated and more rooted in the given truths of the text-book. If there was a turning away from science at the top of the secondary school and at the entrance to higher education—and this was a subject about which we needed to know a great deal more—then something had gone wrong on the way.

It was important, of course, when we talked about a shortage of scientists and technologists, to keep a clear perspective. In 1966 pupils following A level second year studies confined to mathematics and science totalled 36,000 compared with 30,000 three years earlier. Moreover one of the highly promising growth points was mixed courses combining science with other subjects. Here

the growth was from 6,000 to 11,000. Since the beginning of the sixties science entries at O level were up from half a million to three-quarters and passes from 300,000 to over 400,000. At A level, passes were up from 77,000 to 115,000. All this of course would be reflected in the size of what was called the active stock of qualified scientific and technological manpower, which rose 15 per cent in the three years to 1965 and was expected to rise at about the same rate in the three years to 1968. Nevertheless it was unlikely that demand in important sectors, notably industry and the schools, would be met by the end of the decade. So we needed to keep the spirit of wondering empiricism alive if more young people were to leave the schools and the colleges still caring and still curious about the on-going transformation of life and work that was the hall-mark of the twentieth century.



If you want pen, pad or paper, Veronica will have the answer. She can be found on most days in the Union bookstall.

### COMMEN. DAY BALL

The Union is holding the Commemoration Day Ball at the Royal Garden Hotel on Oct. 26th. Double tickets price 5 gns. are available from the Hon. Sec. of

the Entertainments Committee, IC Union Office. Dancing will be from 9 p.m. till 2.30 a.m., and there will be a running buffet from 9 p.m. onwards.

## They're drunk for knowledge

This week all first-year students will be receiving a questionnaire. Its subject is the drinking of alcohol and the senders of the questionnaires want to know, among other things, whether people drink and what they feel about this and about other people drinking alcohol.

The questionnaires are being sent by a Research Team at London University's Institute of Psychiatry. This team, which consists of psychologists, psychiatrists and social research workers are trying to find out more about the social habits of drinking and about the medical problem of alcoholism. They have designed this questionnaire to meet modern requirements of

questionnaire design and their experience has been that people find the subject a fascinating one and find the questionnaire absorbing.

The researchers stress that they are interested in what everybody has to say about the subject; they want everybody to reply even if they have never had a drink in their lives. They are also entirely dependent on the willingness of first-year students to co-operate in this research and they feel that the research will be useful only if everyone who

receives a questionnaire fills it in and sends it back. Sending the questionnaire back will be easy as there will be clearly marked boxes in the College into which completed questionnaires can be put. Or, students may return the questionnaires via the College internal postal service.

A member of the team will be in attendance in the Students' Union during the week following the sending of the questionnaire in order to discuss the survey with anyone interested. Later on, the team will again be in the College to discuss the results. All replies are going to be treated as strictly confidential and nobody will be asked to put their names on the questionnaires.

### Refectories

## BIG LOSS

The refectories have made the biggest loss in their history in the year ended July 1967. It is very probable that to offset their losses in the coming year, prices will have to be raised on a large number of items.

Gross takings for the year amounted to £170,870. This is an increase on previous years but while receipts have increased costs have multiplied more rapidly. Mr. Mooney the Refectory Manager blames the loss on increases in wages and a large increase in the cost of living. However while wages have increased by £4000 this is a smaller increase than in previous years and the trend could well have been predicted. Food prices however have only risen by 4 per cent.

It is believed that the Union and Southside bars continued to make a profit and hence the bars in many ways continue to subsidise the refectories.

The prices in the refectories have remained static for two years. It is now almost inevitable that they will be increased.

## STUDENT HOUSES

The first IC student house, which was to have opened at the beginning of this academic year, has not in fact materialised. A statement issued by IC Executive makes this clear:

"The report on Student Houses which occupied so much time at Council last session, was presented to the Governing Body on May 12. It was very favourably received by the Governors who agreed that a pilot scheme should be started as soon as possible.

It was hoped that IC's first Student House would be open at the beginning of this session but although plans were well advanced, legal difficulties outside the College's control have caused some delay.

At the moment it is not known when the first House will open, but if it is a success it is hoped to extend the scheme."



RORY REDMAYNE

## PARKING OR RATHER NOT PARKING

Despite protests from all and sundry, not least the College authorities, the Westminster City Council (W.C.C.) has decided that parking meters should be introduced by January next year throughout their area—including all the College environs north of Imperial Institute Road. This of course raises immediate problems for members of IC for whom even now parking is difficult.

The current demand for parking bays at College seems to amount to 650 non-resident College members and 150-200 residents who own cars and keep them at IC. In College controlled areas there are only 400 parking spaces. Clearly a "free-for-all" in the use of these spaces is impractical because of the uncertainty of finding a space, having already brought one's car into town. Therefore the Parking Committee has recently been giving its attention to the problem of fair allocation. This body is one of the Rector's committees and has a student representation of two. It has, I understand, put a number of proposals to the Rector for establishing a system for parking allocation.

### STUDENTS MOST VULNERABLE

As far as this issue goes, the students are undoubtedly the most vulnerable group concerned, having neither the prestige of the staff nor the militant union of the technicians. We must therefore await the Rector's decision.

Of the 400 College bays a number must clearly be set aside for essential car users—disabled people, college vehicles and Professorial staff, and so on. Beyond this however, the fairest system of allocation would be to select from a joint pool of commuter staff and students, according to their need. In this way, although the percentage of parking spaces for students would probably not compare favourably

with that for staff, there would at least be spaces for essential users such as union officials, Felix staff and those whose journey to college is particularly difficult by public transport.

### EXPENSIVE

In order to make best use of the available space I think that few bays should be allocated in college areas for residents because the W.C.C. has agreed that people in hall may register as residents of Westminster after the first month of each session, thus entitling them to metered parking space at 2/6 a day, which is very favourable compared to the 1/- an hour for commuters. If the college authorities feel that resident staff have a case for cheaper parking by virtue of their hall suite being their home then surely it is worthwhile for them to subsidise their residents' parking facilities in order to keep vacant college bays for commuters, for whom street parking will be so expensive.

### COLLEGE TO HIRE SPACES?

Further, I wonder if it is possible for the college to permanently hire from the W.C.C. certain metered bays (at the normal commuter rate) so that those who think it worth while to come by car may have the certainty of a street bay which they could hire sessionally or termly from the college.

## COMMEMORATION DAY

The Special Visitor at this year's Commemoration Day will be the Rt. Hon. Lord Kings Norton, PhD, DIC, DSc, MIMechE, FRAeS, FInstF, FIAeS, Fellow of Imperial College.

Lord Kings Norton was a student in the Department of Aeronautical Engineering from 1922 until 1926, receiving his PhD and DIC in 1926. From 1931-39 he was special lecturer in the same department, on the subject of "Structure and Strength Of Aircraft."

The timetable for Commemoration Day includes an inter-denominational service in Holy Trinity Church, Prince Consort Road, conducted by the Rev D. W. Cleverly Ford, with a sermon by the Rev. Dr A. Marcus Ward of Richmond College. At the ceremony in the Royal Albert Hall, the Diploma of membership of the Imperial College will be presented to Lady Linstead, and the following newly elected Fellows will be presented to the Chairman of the Governing Body: Professor P. M. S. Blackett

Sir Charles Goodeve  
Professor Sir Ewart Jones  
Professor W. H. McCrea  
Dr. G. H. Mitchell  
Mr. J. Newby

Afterwards Lord Kings Norton will give his Address. In the evening work and buildings of the City & Guilds buildings will be on view to visitors.

### COMMEMORATION DAY BALL: See Page 1

## ROVER CREW IN ICELAND



The steaming edge of the crater of Helka, a snowcapped volcano, was one of the more spectacular camping sites of the I.C. Rover Crew expedition to Iceland.

The others were rather more sedate affairs, but nevertheless the crew managed to get its fair share of exercise and adventure. Twelve members sailed to Iceland last holiday armed with a minibus. They set up a base in Reykjavik and then drove to Landmannalavger via a long and perilous route. Having successfully overcome the hazards of lava fields, soft sand, mud and wide rivers, the crew camped upon their crater and from there climbed such peaks as Kaldakstjoll, and crossed the icecap of Torfajokull. They then moved on to Karkingerfjoll and climbed Snaekollir and Nordirjokull and other well-known Icelandic peaks, making full use of the 24-hour Icelandic daylight. The meet ended in traditional style with—what else?—a mighty drinking session.

Nordusjokull

Torfajokull



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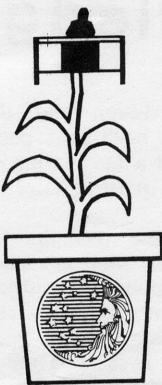
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# WHAT'S ON AT I.C.

## THURSDAY

5th OCTOBER

General Studies lectures. 1.30 p.m.

"Technology and Society" will be the subject of a lecture by **Lord Jackson of Burnley**, who is Head of the Electrical Engineering Department at College. The other lecture will be the first of a series on "Communication" given by **Mrs. B. Horton**, who has been a journalist, civil servant, B.B.C. producer and film critic, as well as an author and lecturer. This first lecture will be entitled "Communication at work—a basic skill, some learnable tips" and will be given with the aid of taped material. There will also be a concert organised by **I.C. Musical Society** in the Library at 53 Princes Gate.

**I.C. Underwater Club** will be presenting a film show, coupled with an introductory talk on the Club's activities, to be given in one of the Physics Lecture Theatres at 7.00 p.m.

FELIX Meeting at 12.45 p.m. in the Press Room.

## FRIDAY

**Maths and Physics Society**—A party to be held at 8 p.m. in the Physics Department on level 8.

**I.C. Jazz and Folk Clubs** are presenting a joint programme at 8 p.m. in the Union Building. The Tinkers and the Tubby Hayes Quartet are featured and the charge will be 3/- to Folk or Jazz Club members and 5/- to non-members.

## SATURDAY

**Freshers' Hop** on Saturday evening when three groups scattered about the Union Building will play for about 1,000 sweat-soaked sardines. Tickets for this annual ritual will cost 6/-

## SUNDAY

Church Services

**Independent. Dr. Martin Lloyd-Jones** at Westminster Chapel, Buckingham Gate, S.W.1. Services at 11.00 a.m. and 6.30 p.m.

## MONDAY

**I.C. Wells Soc.** start their programme with a lecture on Hypnotism by **Dr. Stephen Black**. Dr. Black, B.B.C. T.V. broadcaster and director of a Nuffield Unit for research in experimental psycho-physiology, will include a practical demonstration in his talk which begins at 7.30 p.m. in Mech Eng 220.

## TUESDAY

General Studies Lectures. 1.30 p.m.

The first lecture in a series on Cosmology will be given by **Dr. Marie Boas Hall**, Reader in the History of Science and Technology at I.C., and will be called "Closed World or Infinite Universe."

The second lecture by **Mrs. B. Horton** on Communication at Work will be entitled "Talking in Context."

A recital of poetry and music will be given by the **Apollo Society**. Because of the commitments of the theatre, it is impossible to announce names of artistes until shortly before the recital.

Felix Meeting at 12.45 p.m. in the Press Room.

## THURSDAY

12th OCTOBER

General Studies Lectures at 1.30 p.m.

**Prof. B. MCL. Ranft**, Professor of History at the Royal Naval College, Greenwich, will give the first lecture in a series on "The Sino-Soviet Split" entitled "The Common Basis—Marx and Lenin."

The third of **Mrs. B. Horton's** lectures on Communication entitled "The iPtfalls of Assumptions."

## THURSDAY

Concert in the Library, 53 Princes Gate.

FELIX Press Meeting at 12.45 p.m. in the Press Room.

## SATURDAY

I.C. Hop

## MONDAY

**I.C. Wells Soc.** The second lecture on "Reality and Illusion" given by **Dr. David Cooper**, a consultant psychiatrist in Harley Street. His talk will be on "The effects of L.S.D."

## TUESDAY

General Studies Lectures. 1.30 p.m.

The second lecture in the "Cosmology" series called "Newton: Space, Time and God" will be given by **Prof. A. Rupert Hall**, Head of the Department of the History of Science and Technology at I.C.

**Mrs. B. Horton's** fourth lecture on Communication entitled "Observation and the Relaying of Experience."

Wagner's Ring Cycle is the subject of **Miss Else Mayer-Lissmann**, Lecturer at the Royal College of Music, in her series of six lectures. The first explains "Das Rheingold," the first of four works in the cycle.

FELIX Meeting at 12.45 p.m. in the Press Room.

**I.C. Wells Soc.** presents a talk by **Dr. David Daiches**, Dean of the School of English Studies at Sussex University. His talk on "Universities of the Future" speculates about their shape and activities in 2,000 A.D.

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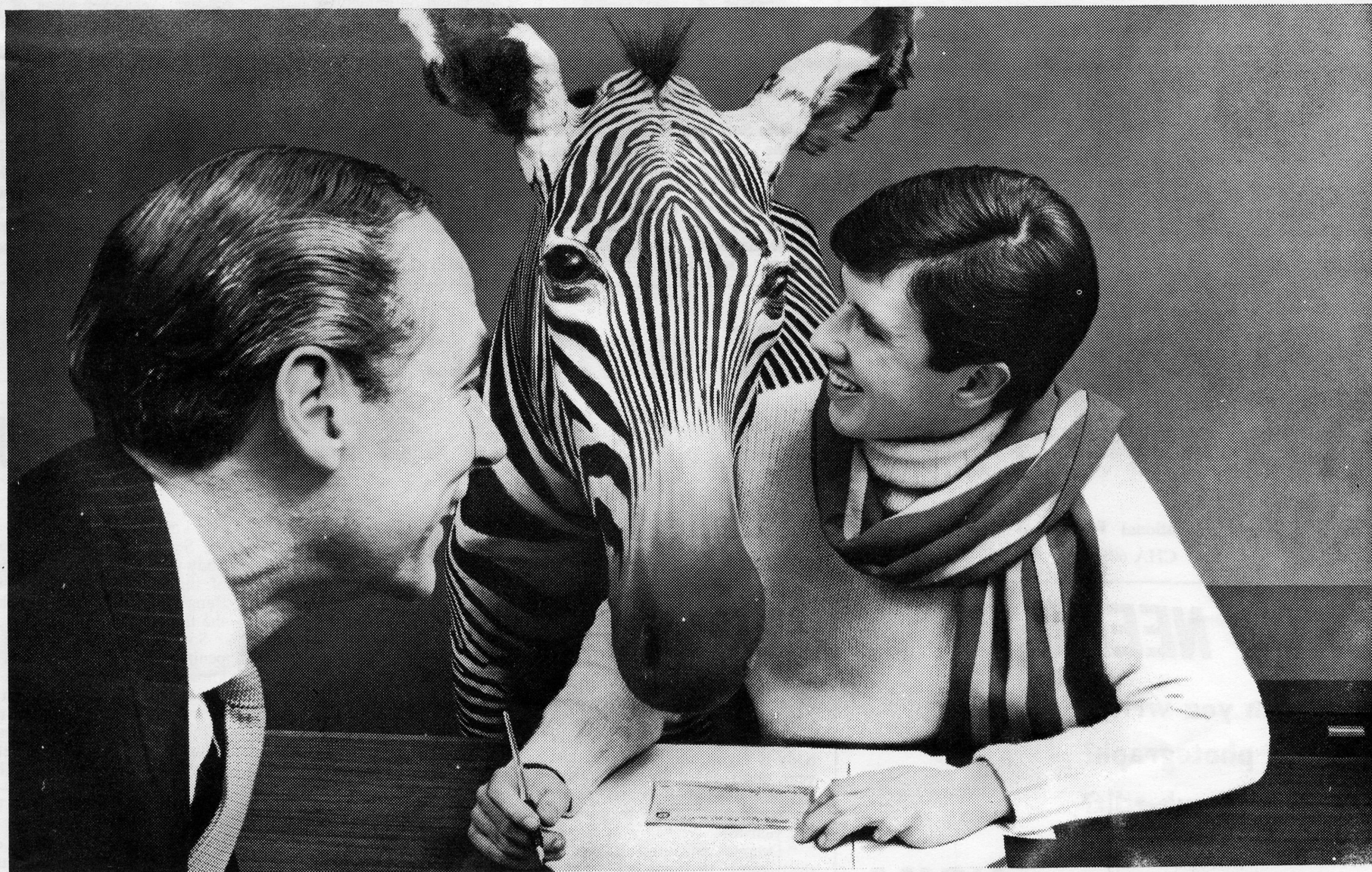
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# EDITOR'S Comment

## THE YEAR AHEAD

Our Union grows more powerful each year and correspondingly the volume of work facing the Executive increases. In the past the Union leaders have frequently been "good lads" leading the social life of the Union and too frequently have drifted away from one of their main tasks—the representation of I.C. student opinion. This year I.C.U. faces several challenges, through which it is the duty of the Executive to guide and represent the average student with unremitting energy.

Probably one of the most vital of these challenges is student residential accommodation. Last year Council accepted a proposal for the purchase and development of "Student Houses"—fraternity-like residences run for and by the students. The capital expenditure is large as the intention is to purchase houses in the expensive vicinity of I.C. Loans are being negotiated at present. Obstacles will inevitably occur. It is to be hoped, however, that the Executive will never allow this exceptional scheme to lag or fade. "Student Houses" could in the not too distant future become the mainstay of accommodation for I.C. students and provide a much needed larger residential atmosphere to the College.

## POSTGRADUATE GRANTS

Remaining in the field of student welfare, the problem of postgraduate grants in London has arisen. The Association of Scientific Workers (to which all students may gain membership) has approached the S.R.C. with the aim of obtaining a London allowance of £70 to supplement postgraduate grants. Postgraduates (capable of earning very reasonable salaries in industry) receive a pittance from the S.R.C. of £500. With the cost of living in London and short holidays (inhibiting the earning of additional money) the London PG is in a very poor financial position. Here the Executive can lend their complete support in backing the Association of Scientific Workers or in providing a fresh initiative.

## CARNIVAL

Facing the Executive in the immediate future is the task of getting Carnival under way. Last year's Carnival was a record-breaking success netting £3,500. This year we must again surpass the efforts of the past, for a College of our size should be able to achieve profits approaching £10,000. Jerry Stockbridge, last year's Carnival co-ordinator, stated that it was crucial to eke the maximum effort out of the first term, when exams remained over the horizon and people were fresh. A Carnival Co-ordinator and Committee still have to be selected to organise and whip up enthusiasm quickly.

A lot of hard work lies ahead of the Executive. It is to be hoped an early start is made on these problems.

## WELCOME TO FRESHERS

In this first issue of the year Felix takes the opportunity of welcoming all Freshers to the College. No doubt many freshmen are bewildered and jaded by the incessant demands to join this or that or the other society. While some dynamic characters will by now be members of perhaps twenty clubs or societies (perhaps too hopeful of the equation of time and work), others will not have got around so much. It is not worthwhile to preach here on student apathy, which is not limited to this College but occurs among all students. It is up to each person to decide his own way of life, though he who puts the most into student and Union life will gain the most out of it. For most of us, we remain students for only a very short three years. Those three years are worth making the most of and only through a communion with other students can one make those three years truly unique.

# FELIX

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# PROBLEMS FACING OVERSEAS STUDENTS

Overseas students were very much in the news last session with the increase in tuition fees. This arbitrary decision by the Government provoked wide rebellion in British academic life.

No purpose will be served by re-opening the issue of overseas students' fees, though, it seems, one has yet to see the end of the matter. What the ultimate outcome will be of the admirable stand of Oxford, Cambridge and some other universities in refusing to abide by the government directive still remains to be seen. However, amidst all the arguments and counter-arguments there was a tendency to believe that overseas students—those leftists from Berkeley!—were the cause of much trouble. What was not recognised was that if overseas students did take part in various protests, as indeed they did, it was because they were an integral part of the entire student community.

## Activities

This is the most important thing an overseas student should always bear in mind. In our College there are 800 overseas students. If they remain isolated from the mainstream of activities in the College the whole purpose of travelling thousands of miles to come here will be lost. While study and research are of paramount importance it is at the same time worthwhile to take part in at least some of the exciting things that are happening in and around the College. With students from almost all corners of the globe we have an excellent opportunity to understand the problems others are facing and only on the basis of such mutual understanding can the international community ever hope to live in peace.



NITIN SOM

Nitin Som was Vice-Chairman of the International Relations Club for the last two years and is now the Chairman of the Union Overseas Students Committee. He is also Vice-President of the national United Nations Students Association.

It is, however, true that overseas students face many problems on their arrival and even afterwards. Many find life in this country rather different from what they are accustomed to and conditions in some respects are not quite good enough to make everybody feel at home. But it would be a reflection on the intelligence of the student if I were to suggest that he does not find his way around quite quickly. Nevertheless it is true that there is an initial lack of communication. Overcoming this is not always easy and needs an effort on the part of both old and new students. It is, there-

fore, hopeful that the Union is striving to improve the situation through the newly-formed Overseas Students' Committee. With the most active co-operation of the International Relations Club and the various national societies a Reception Centre has been opened in the Union where a number of present students of the College are ready to meet the newcomers. The object is not necessarily to offer ready-made solutions to the problems of the new student but to provide the earliest opportunity to make friends in informal surroundings. The Centre will remain open till Friday and I urge those who have not already done so—whether or not they have any particular problem—to pay a visit.

NITIN SOM

Scene  
page  
seven ?

# Then as Now?

In 1934 H. G. Wells wrote of Imperial College:

It is today a huge fungoid assemblage of buildings and schools without a visible centre, guiding purpose or directive brain. It has become a constituent of the still vaster, still more conspicuously acephalic monster, the University of London.

The thumbsy wisdom of the practical man, with a conception of life based on immediate needs, unanalysed motives and headlong assumptions, and with an innate fear of free and searching thought, is still manifest at a hundred points in the structure and working of this great aggregation.

The struggle to blend technical equipments with a carefully cherished illiteracy, an intact oafishness about fundamental things, has been well sustained. South Kensington will still tell you proudly, "We are not literary," and explain almost anxiously that

the last thing it wants to impart is a liberal education.

The ideal output of the Imperial College remains a swarm of mechanical, electrical and chemical business smarties, guaranteed to have no capacity for social leadership, constructive combination or original thought.

The Imperial College was and is still in fact not a college but a sprawl of laboratories and classrooms. Whatever ideas of purpose wrestled together in its beginnings are now forgotten.

It has no firm idea of what it is and what it is supposed to do. That is to say, it has no philosophy. It has no philosophical organisation, no social idea, no rationalised goal, to hold it together.

I had come up to South Kensington persuaded that I should learn everything. I found myself in South Kensington lost and dismayed at the multitudinous inconsecutiveness of everything.

# If somebody did something

## A letter to the President:

Sir,

How about a little action here? I mean, damn it, I am appalled at everything. I really must protest. Just look around you for God's sake. Why doesn't somebody do something? I mean if somebody did something we might get somewhere.

Well, just look at what everybody is saying this year, and last year, and they are saying it everywhere. Everybody's so damn apathetic. In FELIX they wrote last year:

"Despite any appearance to the contrary that may be interpreted from our pages during the year, far too many Union clubs and societies are 'sick' through lack of support. It has been said that at least half of the students at I.C. take no part in the Union other than to obtain their midday meal . . . ."

Well, this is just not good

enough. Let's get these clubs and societies moving. And SENNET said:

"It is only by casting his mite into the fund of communal contribution to Union Activity that University life, in the form of societies, clubs, sports teams etc. can exist at all. Students of London University too often make the mistake of owing allegiance solely to their College to the detriment of course to the University as a whole."

"When numbers are so large and the component parts of the University are so spread out and often far removed from each other, it is only too easy for the student to lead a hermit's social life in his own College Union and turn his back on the rest of the University."

That's not good enough. You see, if we get this show on the road and something moves, well then, the President would have a real organisation to preside over—

you know, something to do. And the Secretary would have somebody to write to. And the Editor of this paper would have something to edit. Things would be on the move.

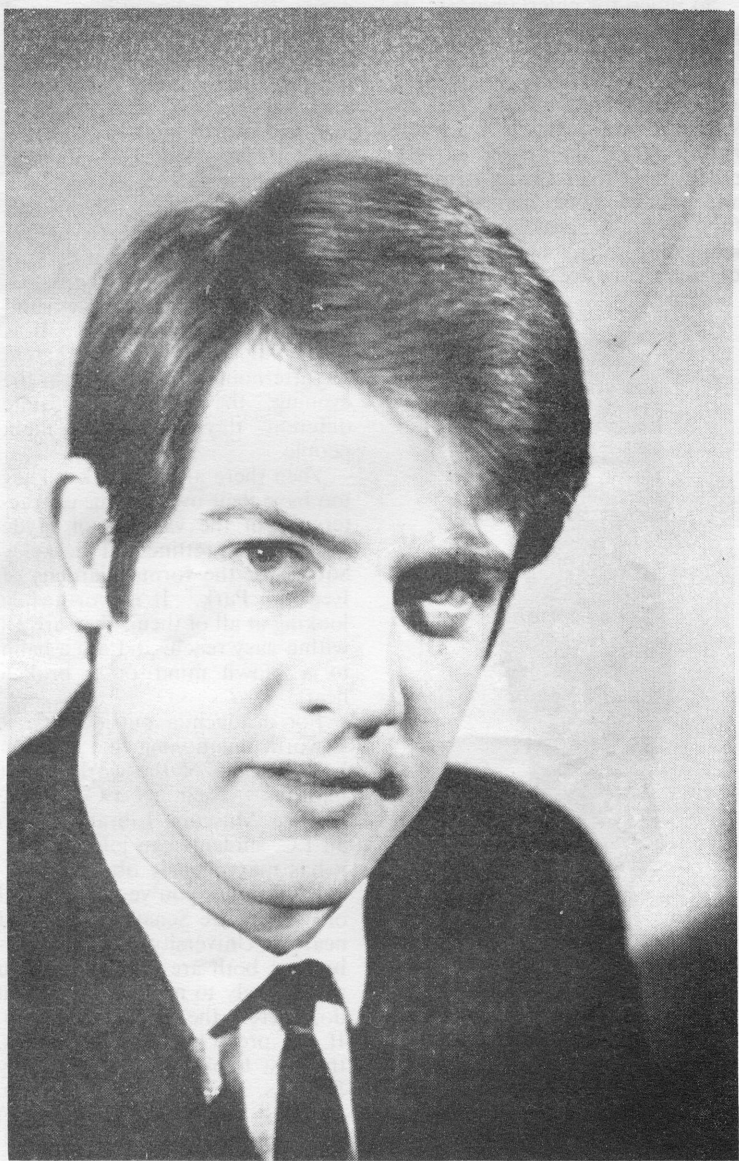
So let's have some original happenings and things this year. You know this Carnival jazz and Union meetings and so on has fallen out of the groove. I mean people get bored with this year in, year out. So how about something new. Like a happening with the staff and Rector and all that—like at L.S.E. last year I mean. Well, give it to those fellows—at least they got a bit of action out of it.

Or how about a Red Guards job. You know, some real student involvement in the problems of the community. We could have minor battles with reactionary workers and dunces caps for revisionists and things . . .

Well anyway something. I mean, get with it.

Somebody please do something.





## Ray Phillips: the full story

Ray Phillips, ebullient President of I.C. Union, has provided **FELIX** with its first scoop of the year by revealing hitherto unsuspected facts about his formative years, both in and out of I.C.

Born in 1945 (just too late to win the war single-handedly) in Carshalton, he lived and learned in Suburbia. At the tender age of thirteen, however, he was exported to Hampshire to complete his so-called education at Barton Reveril Grammar School, Eastleigh.

There his activities ranged far; he sang the part of the sergeant of police in Gilbert and Sullivan's "Pirates of Penzance" and developed prowess in the fields which was later to earn his reputation at I.C. He played hockey (for Hants County Schools team) and cricket.

In 1963, having obtained an entrance scholarship, he arrived at I.C. to read Chemistry. He was fortunate in entering Beit Hall but the rest of his first year is covered in silence; the law of libel forbids speculation on this topic.

In his second year Ray Phillips took his first Union posts as Treasurer of I.C. Hockey Club and Chemistry second year representative. Despite these laudable attempts he did not gain readmission to Beit and had to commute from the depths of darkest Fulham. However in his third year he returned to the campus once more as Captain of I.C. Hockey Club. He retained his connection with R.C.S. by representing them on the Athletic Grounds Committee. He further entrenched himself in the corridors of power by serving on Beit Hall committee and later the selection committee. These activities did not disturb the balance he had struck sufficiently to prevent him gaining an Upper Second degree which enabled him to return to do research in the Chemistry department with a view to eventually obtaining a PhD.

His first year PG was combined with the Chairmanship of the

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## The Phoenix arises once more

Despite a slight setback during the Summer Vac., the financial prospects of **THE PHOENIX** are brighter than they have been for two years. Response to advertising circulars sent to all major industrial companies shows a considerable interest on their part in publishing two editions this year. (In recent years it has been usual to publish two editions but last year delays in the production of the first edition precluded a second.) It is also hoped to reduce the high production costs by adopting a different method of printing.

### Varied material needed

A major feature of the first edition will be a group of articles already commissioned on various aspects of solitude and loneliness.

More articles on other subjects are still required, however, to ensure a good balance of content. Poems and short stories are also required. It is hoped to make greater use of photographs than in the past, as well as line and half-tone drawings. Editor Colin Harrison said recently "I should like it to be felt that this magazine is produced by people throughout the Union and not by a small group as must be the case with **FELIX**." To make possible the correct preparation of copy for the printers, articles, poems, stories, photographs, drawings and ideas are required *as soon as possible*, at the latest by October 31st.

They may be left, addressed to The Phoenix, in the Felix rack in the Union or delivered to Room 94, New Beit.

## City & Guilds College Open Day

The recently completed City & Guilds building will be open to the public on 26th October 1967. This includes the Departments of Aeronautics, Chemical Engineering & Chemical Technology, Civil Engineering, Electrical Engineering and Mechanical Engineering. The College will be open from 2.30 to 7.30 p.m.

# COLCUTT

Colcutt was a builder, he constructed a tower, a tall tower, since demolished, from which to view the Imperial scene. For many a year Colcutts have surveyed the scene from this lofty column. It is often a lonely point of view and the column is frequently reviled as a foul misconception.

I address these words to the mass of innocent Freshmen lest they fear that no one cares. Colcutt cares! The few remaining second and third year students are well aware of Colcutt's activities (if not his name). Which brings me to my first point, gentlemen. It is now a commonplace to remark the decreased number of 6th Formers who decide to read science or technology; we read frequently of the numbers of vacant places in Physics or Civil Engineering at this or that university. Yet curiously the intake into this College increases as ever. Even more curiously the increase in the number of graduates from some departments rises less steeply than the intake. Curious too that although the first year Physics intake is around the 200 mark, there are only 180 places in the second year laboratories. Is it fair (or right) to condemn 20 students (who have worked hard to get here) before they see a problem sheet? Consider further that last year's third year Physics lectures were given in theatres capable of seating 120.

To gain entrance to a university a student must be among the top four percent of this country's brain-power. Is it good sense to decree that 10, 20 or 30 of these entrants are only good to be pruned away and thrown on the

rubbish heap in order that Imperial College may have a reputation for producing only top quality graduates? Perhaps our new, though tardy, Rector can reassure us on this matter.

### Obstruction

It is well known that copies of **FELIX** do not give good protection against the cold London Nights. For those of you who are nudged on the Emplacements, I recommend that you gather as many copies of **Sennet** as you require (it's FREE folks!) and distribute the thick heavy, woolly pages about your shivering form. Do not, however, despair; the student house is on its way! There is, I am told, a slight delay at present whilst the present occupant gets a divorce. willing co-respondents should apply to Miss M. Burns, Southside.

### As ever

It is said that immunity to poisons can be obtained by taking small, frequent doses of them. It seems that even this comforting thought does not induce the IC student to patronise the Mooney emporia. Expenditure on the provision of a balanced, wholesome diet for the College rose last year by around 7 per cent. but the overall loss, despite the continued bar-boom, rose by 4000 per cent. We can, of course, blame **SEI**, the weather, the inconvenience of having to walk to the refectories and actually having to wait to be served, but these (as usual) leave something to be desired.

Good luck Freshers they say the first two weeks are the worst.

If you can solve this problem in under 3 minutes

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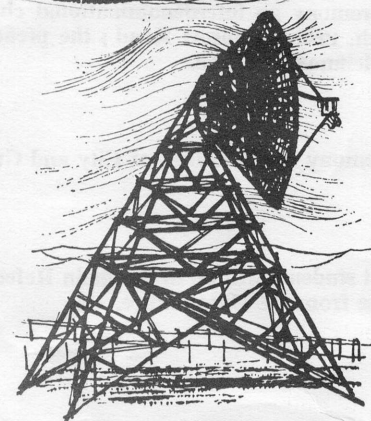
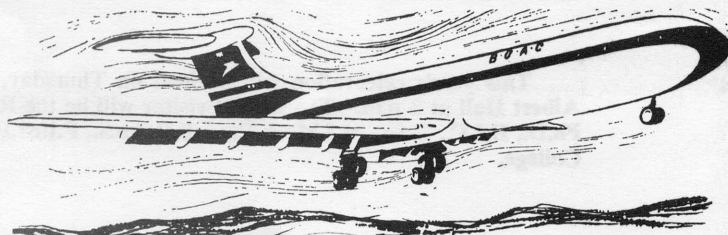
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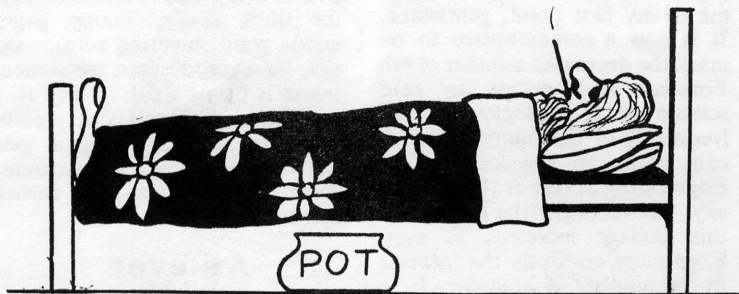
# THE LONDON SCENE

No matter what kind of interests you may have, kinky or straight, you can indulge them in London. London would take a lifetime to get to know in any full sense of the word, but here are a few ideas for starters.

You like beer? "The Bird in Hand" on Rosslyn Hill in Hampstead serves an excellent jar of bitter. You like style? South Kensington has some stylish pubs, but the beer tends to be well-nigh undrinkable. A notable exception is "The Hoop and Toy" just up from South Kensington Tube Station. Good beer and beautiful people are to be found in any number of Chelsea pubs if you're willing to pay for them.

For atmosphere and off-beat characters "The Duke of Wellington" in Portobello Road is

hard to beat; while you're there, try Henekey's, one block up the road. You could meet anyone



Join the I.C.T.W.C. (Tiddly-winks Club). Become an I.C. anarchist or Trotskyist or Young Conservative. Support Dramsoc or SocSoc or SickSoc.

In all their cries for attention at the beginning of the year one of our greatest assets as a University is often ignored — our position in the centre of London — a city which will excite and depress, infuriate or stimulate. Whether that stimulus be birds or music; whether you want to lead the life of a hippie or a sober clerk or a drunkard it's here in "the smoke."

Martin Walker here gives a subjective look at London.

from slumming West-enders to a biochemist collecting semen samples in test tubes. Notting Hill Gate has some good pubs too: the basement of "The Swan" at the top end of Kensington Church St. is gently swinging with original decor, juke box and nice bar girls. "The Leinster" in Leinster Square is an excellent local pub complete with coal fire, darts, mussels and shrimps, the regulars—and good beer. The West End abounds in pubs of all sorts, but if you come out of a theatre near Piccadilly Circus at ten to eleven with a powerful thirst, try "Ward's Irish House" on the north side; beware St. Patrick's Day

If you are a culture-vulture, London is unbeatable. It is worth your while getting programmes of future events at the Wigmore Hall, Albert Hall, Festival Hall, and Covent Garden. There are innumerable films of course, and live theatre. Cognoscenti from New York say that progressive staging has died in London, but there is nevertheless a lot of acting talent here, and a play is worth what it will cost you.

Don't forget the art galleries and museums; they are good for many a Sunday afternoon, and they are free. If it's the underground scene that grabs you—and I don't mean yo-yoing on the L.T.C.—there are "The Arts Laboratory" at 182 Drury Lane, and "U.F.O." at the Roundhouse, Chalk Farm. The Arts Lab. comprises an art gallery, bistro, bar, and small theatre where underground—and uncensored films are shown. Students can join for £1 and it is well worth it.

"U.F.O." is the Hippy scene and manages to retain ascendancy over its numerous smaller rivals despite infiltration by tourists and teeny-boppers. Here music is the thing, and "U.F.O." gets very good groups indeed. It runs from 10.30 p.m. to 8.00 a.m. Fridays. Flower sheilas abound; not all are untouchable.

I.C. is notable for its lack of women, but do not despair, London is not. The Royal College of Art has reputedly very good dances and definitely has lots of talent. There are more hops than you can comfortably shake a stick at, notably at L.S.E. If all else fails, try one or more of the several computer dating schemes.

They are unlikely to find you the love of your life, but one of your dates is bound to shape if you've an ounce of talent. And at £1 it's cheaper than French lessons.

So much for entertainment. If you just want something to do, interesting, different, but free, try walking around Soho on a Friday or Saturday night from 8.00 or 9.00 p.m. onwards. It is a fascinating place, and there is very much more than ageing strippers and second floor massage. In fact, generally speaking now, it is interesting to savour the flavours of different areas in London.



Hampstead Village for example is quaint, olde worlde and very arty-crafty. Paddington is tough and ugly. Notting Hill is on the way up and one sees, but never seems to meet, incredibly gorgeous birds wandering about—try Mac Fisheries on Saturday. South Kensington is different again, and Chelsea—a smarter, wealthier Hampstead. If you aspire to the switched on swinging London scene of Time, Inc. try the King's Road. It's expensive, and people spend all of their time looking at each other, and nobody will look at you unless you have a crotch-length skirt or are a pop star, but it's amusing nevertheless. To get

deeper into London, it is essential to visit at least some of London's many markets. Here you will find the surviving genuine Londoners, a vanishing breed of men, generous and warm with a repartee that will leave your head spinning. Try Billingsgate at 5.00 a.m. on a weekday morning, Shepherd's Bush or Portobello Road on Saturday. The latter is a favourite Hippy hangout perhaps because of the bells, bangles and beads to be found there. It is interesting to visit the market in the afternoon and the pubs in the evening; the people are quite different—day people and night people.

Then there are the parks. They too have their own unique characters, from the vastness of Hyde Park to the prettiness of Berkeley Square or the formal gardens of Regent's Park. It is worthwhile looking at all of them; they are all within easy reach, and are a balm to a blown mind or a broken heart.

For academia outside I.C. it is worth mentioning that London houses some of the world's best libraries. Near to I.C. is the Science Museum Library which all I.C. students can join, gratis. It has marvellously obscure journals on topics you've never heard of. There are Senate House, and nearby University College Libraries; both are excellent. You are unlikely to need it, but if you do, there's the British Museum. If you prefer to buy your books, the best bookshops are probably Dillon's near Senate House, Lewises across the road from U.C. Hospital, and Claude Gill on Oxford St. opposite Selfridges. For the way-out try Indica Books, it has Zen Macrobiotics, just in case you didn't know.

By the way, I.C. runs Touchstone weekends at the College field station near Ascot, so if you get fed up to the teeth with London's incessant noise and inescapable exhaust fumes, by all means get out.

MARTIN WALKER

## IMPERIAL COLLEGE COMMEMORATION DAY

**Thursday 26 October**

**Royal Albert Hall**

**3pm**

**Guilds on show**

**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—now Chancellor of the University of London—at the centenary of the Royal College of Chemistry, the oldest forerunner of the Imperial College.

This year's celebration will be held on Thursday, 26th October, in the Royal Albert Hall at 3 p.m. The special visitor will be the Rt. Hon. Lord Kings Norton, Ph.D., D.I.C., D.Sc., M.I.Mech.E., F.R.Ae.S., F.Inst.F., F.I.Ae.S., Fellow of Imperial College.

Before the ceremony an interdenominational church service will be held in Holy Trinity Church, Prince Consort Road; the preacher will be the Rev. Dr. A. Marcus Ward of Richmond College.

After the ceremony the buildings of City and Guilds College will be on view visitors.

Tea for present students will be in the main Refectory, South Side, and tickets can be obtained free from the Union office.





College Field Station

## GENERAL STUDIES

A new year, a new term—a new series of General Studies lectures. Personalities speaking this year include old favourites like Benny Green and a number of stimulating and new faces.

For the benefit of freshers—and what isn't this week?—General Studies lectures are given during the lunch hour every Tuesday and Thursday on an almost unrestricted range of extra-curricular topics. For those who wish to hear about more than just science during their stay at I.C. these lectures are highly recommended.

This term the series is to cover a broad scope. Among the speakers are Mrs. B. Horton who speaks on communication at work, Benny Green who gives his views on aspects of jazz and Miss Mayer-Lissmann, who discusses Wagner's "The Ring." There will also be a group of lectures on "Cosmology," in which, among other things, the current conflicting "Big-bang" and "Steady state" theories of the universe are considered; a series of recitals by actors and musicians of poetry and music; an important set of lectures by Mr. John Burrows on Social Policy Today and Tomorrow, discussing the Welfare State and its problems, our educational systems and our National Health Service; and a number of documentary films about Twentieth Century history. The full details and dates of these lectures are available in General Studies programmes which are distributed about the College.

### Mrs B.Horton

MRS. B. HORTON is speaking on Oral Communication at Work. She claims to be following an entirely new line in this field, the fruits of which should appear in her lectures, and has recently been applying her ideas in a Yorkshire coal mine. Her previous activities have been many, such as a journalist, BBC producer and historian. She has written a biography of Anthony Trollope, and also two novels "too long ago to remember." The subject of her lectures could become important and will certainly be interesting to those planning a career in industry.



Mrs. B. Horton

### Opera

Miss ELSE MAYER-LISSMANN is a founder and director of Opera Workshop and passionately devoted to opera. She holds an Honours degree from and is a special lecturer in the Royal College of Music. She also lectures on such occasions as the Edinburgh Festival and at Glyndebourne and is certainly a well-qualified speaker to discuss Wagner's "The Ring."

### SMALL ADS

Pete Ruhemann wishes to announce that he will be at College during the session 1967-68.

### Touchstone

Another way in which to break the routine is to go on a Touchstone weekend. There are two of these this term; forty students and staff gather at Silwood Park, the College field station, for a Saturday night and Sunday morning of free and vigorous discussion on an important topic of general interest. Touchstone weekends, held in the country near Virginia Water, can be immensely relaxing after the noise of London. Among the topics set for this term is "Sex problems of undergraduates and their solution" led by Dr. Wendy Greengross, whose General Studies lectures last year were the most popular by a large margin. Details of other subjects have not yet been released.



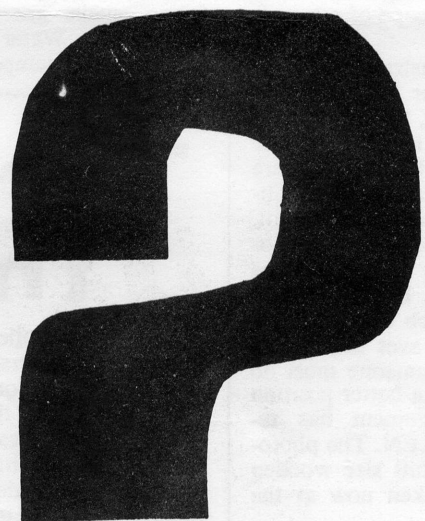
Jazz Critic Benny Green

## BENNY GREEN

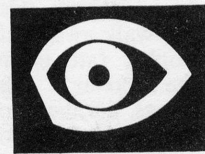
A well-known and popular personality at I.C. this term will be Benny Green. He will talk in General Studies on "Aspects of Jazz."

At present jazz critic of the "Observer," he has had a long and varied career either playing jazz or talking about it. Born 1927, he was a full-time jazz musician from 1947 to 1960 and played with a large number of well-known bands in this period. Playing either baritone or tenor sax, he worked with such well-known figures as Ronnie Scott, Dizzy Rees, Stan Kenton and Ralph Sharon. His tastes in jazz and, of course, particularly in the saxophone tend towards the classic greats and away from the modern avant-garde school. When questioned about his tastes, he admitted that he considered Ornette Coleman's music as "rubbish—and you can quote me on that" (so we did). Among saxophonists he favours Lester Young, Charlie Parker, Coleman Hawkins and Stan Getz and he also appreciates the work of Billie Holiday and Duke Ellington, Bix Beiderbecke and Paul Gonsalves. All this will probably be reflected in his lectures.

His other enterprises have included participating in a Poetry-Music Theatre collaboration called "Of Eros and of dust," and writing two books—"Reluctant Art," about jazz and "Blame it on my Youth," an autobiography. He describes himself as "a mechanical imbecile" and is a blunt but witty speaker. His lectures should be well worthwhile—they were last year.



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# SPORTS NEWS

## Krakenauts Ahoy!

Imperial College is breaking into an area of scientific research which has previously been dominated by governments and navies. Project KRAKEN, organised by I.C. Underwater Club, is the college's underwater living experiment, intended to improve substantially British knowledge in marine science.

For the last ten years Imperial College has sent out underwater expeditions to study topics ranging from diver-to-diver communication to the effects of light on marine life. However, there is some research work that is difficult or impossible to undertake with surface divers. This is generally for one of three reasons: The experiment may be destroyed by bringing it to the surface, e.g. the swim bladder of a fish may burst due to the pressure change. There is a limit on the time a diver can stay under water and still surface directly. At 100 feet depth a diver who spends more than 20 minutes on the bottom must only ascend in a slow carefully controlled manner. This is known as decompressing. It sets a limit on time and cost of diving operations at any depth below 30 feet. However, a diver living in a bottom laboratory need only surface once at the end of the week, he only decompresses once per week. Finally, the surface worker must bear with the unpleasantness of the sea surface. Waves, wind and rain all combine to make life miserable for the poor sailor. In some physical measurements the very movement of a surface platform could limit the scope of research.

Having demonstrated a need for an underwater laboratory on scientific grounds, the same arguments can be extended to cover commercial work. But where could such a structure be obtained. The British Navy do not, as yet, see a military need for one, and the cost of building one on an industrial basis and running it for research would be prohibitive. This leaves the universities. This, "Someone must do it, and we are in a better position than most" argument has resulted in KRAKEN. The photograph shows a full size wooden mock-up of Kraken now at the College.

### Don Boadella

Last year I.C. Union financed Don Boadella on a trip to Canada as part of the Great Britain Rifle Team. He recently wrote to the Union to tell of his experiences. Nourished almost entirely on specially imported Whitbread, it seems he had a jolly good time and, furthermore, won all his shooting matches. He also spent two days in Montreal at Expo '67. Any other crackshot wishing to visit Expo '67 had better apply quickly—the Union is rapidly running short of money!

Kraken is named after Lord Tennyson's sea monster. It is a four-man house that is scheduled for launching off Oban on the West Coast of Scotland in July 1968.

The Krakenauts will breathe a mixture of oxygen and nitrogen at the pressure of the surrounding water. (This is unlike a submarine that is protected against this pressure.) It is this pressure of 55 pounds per square inch that will enable them to enter and leave Kraken at will through a hole in the floor. The only restriction is that these men are forbidden to surface without first spending many hours in a special chamber. An attack of the "Bends" that would follow if a diver surfaced without this precaution is one of the main hazards of this kind of work. Electric power and air will be provided by a cable to the surface shore station.

#### HOME COMFORTS

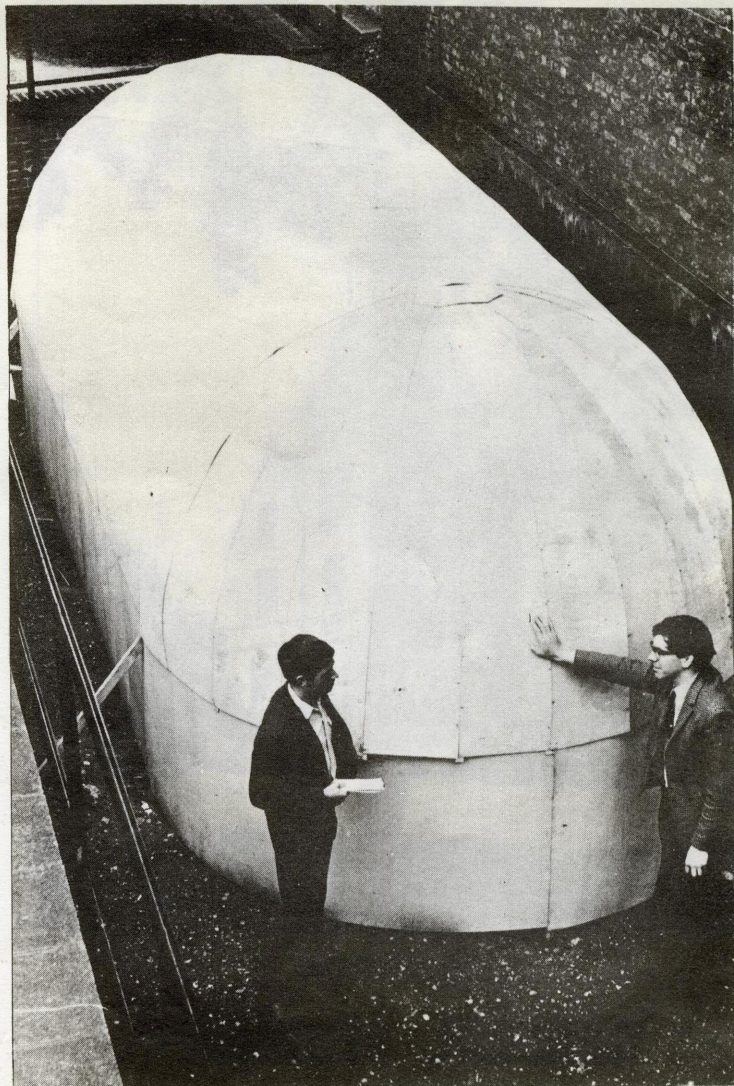
The Krakenauts, they will be of both sexes, will find life rather different to that on the surface. Frying is not allowed, frying smells are poisonous at that depth. Water will not boil at the normal temperature and it

is doubtful if tea can be brewed. Beer and even champagne would be completely flat. However, they will have all the home comforts, hot showers, central heating, and, we hope, even television. They cannot smoke or use fountain pens (the ink would run out when the tide went out). The girls must give up perfume—it could cause Kraken to explode! Clothing will have to be simple and warm.

Kraken, the third deepest long-term living experiment, will be breaking new ground on several fronts. It will be the deepest to use an air-like gas, it will be the longest so far, and it will be the first true underwater laboratory that will be open to visiting scientists.

To maintain the laboratory in 90 feet of water a support team of at least 20 will be required. The personnel will be drawn from a large number of universities and research centres in the country as well as Imperial College.

What can the Felix reader do to help Kraken. There are a vast number of jobs waiting to be done. Whether your skills lie with a paint brush or a typewriter, do come and lend a hand. At the meeting on Thursday night at 7 p.m. in the Physics Department, the ways in which you can help Kraken will be discussed.



## The pride of the Union

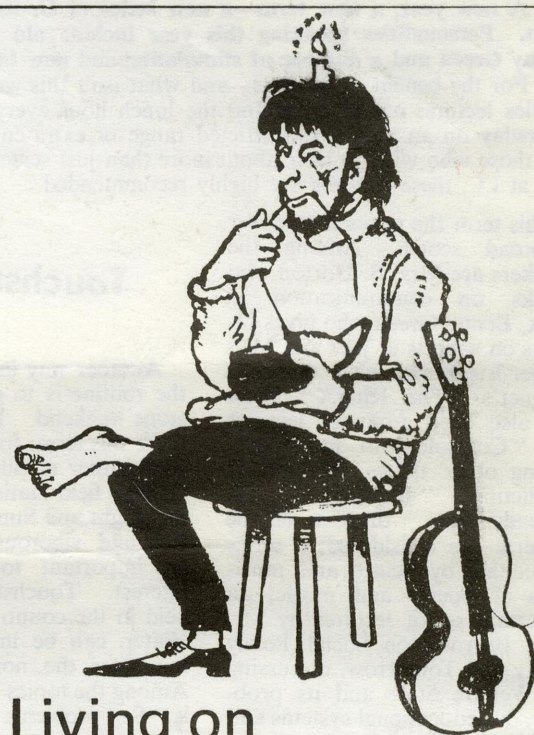
Imperial College Rugby Club, boasting one of the largest and strongest memberships of the College, has a very full fixture list planned this season, including most of the top London Clubs' 2nd XV's as well as the other London Colleges and Southern Universities. The club caters for Rugby players of every conceivable standard. It fields a first XV team only on Wednesdays, but on Saturdays as many as ten sides may turn out to play. The dressing rooms and pitches at Harlington are of a very high standard, and after an afternoon's matches the club traditionally retires to the bar—where else?

Last season the 1st XV reached the final of the University Cup but after building up an early lead lost two men and eventually went down by 14 points to 6. "Undoubtedly this year the team will walk away with that coveted trophy, fate permitting," writes the secretary. The close season brings another competition, the Spikes Cup, variously described as an intercollegiate bloodbath or a ninety-minute punch-up, between I.C.'s three constituent colleges. The cup is presented at the Rugby Club Annual Dinner.

During the Easter vacation the Club goes on tour. In the last three years it has been to Ireland (twice) and France. Needless to

say the Club claims the wine and Guinness drinking records of these countries.

Freshmen should not be put off by the size or strength of the Club. For those who like their Rugby hard and are prepared to train, a place in one of the first three or four teams is easily attainable. For those who prefer lesser or even "coarse" Rugby, the B XV's will be eminently satisfactory. The club provides an excellent opportunity for meeting other students of every conceivable type at a very sociable level. The club's president is Professor Sparkes.



### Living on a Shoestring?

Never mind, it can't last for ever. And while you are preparing to make your first million, it's just as well to open an account at the Midland Bank. For an account can help you now—when help is needed most—to manage your money affairs more easily. More important, it will go on helping you as your money problems change through the years (for money problems never cease, however rich one becomes—they merely assume a different form). So make the wise decision today have a word with your local Midland branch. The staff will be pleased to help you—whether you're ever likely to make a million or not!



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# LATE NEWS

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F EEEE LLLL I X X

Wednesday, 4 October 1967

No. 248

Late News Editor Stewart Barnes.

## RCSU President resigns.

George Hulme, elected President of RCSU at the end of last term, has now resigned his new post. Hulme was hoping to follow a postgraduate course but suffered through an argument with the Examiners.

It is believed that Hulme, knowing his fate last year, stood only to exclude left-wing candidate Frank Fuchs from the Presidency.

Nominations will be accepted at the RCSU meeting on Tuesday 17th October and elections will be held on October 23rd. Among those mentioned as candidates, are defeated candidate Frank Fuchs and the present Secretary of RCSU, R.E. Machenan.

## BBC at I.C. Jazz Club

I.C. Jazz Club have been approached by the BBC about the possibility of doing a jazz broadcast featuring three of Britain's leading bands. The event would take place in the Concert Hall. The Club is at the moment seeking College approval. It is hoped that the event would be partly financed by the BBC and partly by the ticket sales.

## World Record for R.C.S. Motor Club.

At the end of last Summer Term, R.C.S. Motor Club recruited thirty-one female honorary members:- all under 5'4" and 8 stones. This is no coincidence, for at Brands Hatch on Sunday 28th May we created a new World Record for "The Most In A Mini".

In the centre of the racing circuit, watched by thousands, our team lined up, and 2min. 8sec. after the starting signal was given, 26 young ladies and Mick were comfortably occupying a standard mini saloon, which was kindly loaned to us by Raymond Baxter, for B.M.C. The World Record was previously held by Medway College, who attempted to break their own record of 24, but could only manage 26.

The event was part of the "Grand Mini Festival" at Brands Hatch and Tezabel carried our triumphant team on two regal laps of honour, for which we claim the lap record for 1916 Fire Engines in the over 9 litre class, 9.63 min. (7.78 m.p.h.)

and.....

## M.O.T. Failure for R.S.M. Motor Club.

Clem, R.S.M.'s much beloved Morris Lorry, has failed her M.O.T. to the surprise of everybody except R.S.M. motor club. She was taken to Ealing on Friday to be tested, and on jacking her up, the front wheels flopped in a couple of inches. Undeterred by this bad start the Garage Mechanics proceeded with their test and found that the brakes didn't work either. Offended by the lack of a certificate, Clem refused to start until tea break.

With Morphy Day and a Brighton Run in the near future, the Motor Club are now appealing for the help of anyone who has any mechanical ability whatsoever.

## Beer. Mooney Meals up in price.

At the meeting of the Refectory Committee last Thursday, the inevitable finally happened. All Refectory prices and the prices of South Side Bar have been increased. Main meals have gone up by 2d and in some cases 3d, and in South Side Bar all beer is up by 2d a pint and Guinness by 3d. Union Bar prices remain unchanged.



### Reappearance of Mike: disappearance of Tatty Tapir.

Having spent the holiday unhappily, as 10 separate parts with 10 separate Wooden Horse Club members, Mike was recently reassembled. On Freshers Day Mike made a brief appearance in all its former glory. It seems, however, that it will not be remounted permanently on its plinth for some time to come. FELIX hopes that the much-vaunted electric alarms, Vibration sensors, heat sensors etc., etc., are improved meanwhile; Mike has seen only 5 weeks in the Union Lounge since the beginning of the 1966 session, and we look forward to a longer stay this time.

On a brighter note, and on the same day, the Wooden Horse Club arranged an interesting financial transaction. The Tatty Tapir which Northern Polytechnic have been chasing since last Easter Term was returned to them for the sum of 31/10<sup>1</sup>/<sub>2</sub>d. It seems that Northern Polytechnic Union was unhappy about greeting its Freshers without a mascot. The sum involved consists of 5 halfpennies, 5 florins, 5 shilling pieces, 5 sixpences, 5 threepenny bits, 5 pennies and 5 halfpennies: the inspiration of ex-Wooden Horse Man Frank Morris.

### Freshers Reception.

The Annual Freshers Reception was held as usual at 10.00. Monday morning. Sir Owen Saunders, acting rector, opened the proceedings by welcoming and congratulating all Freshers on getting into (Sic) 'the best College in the country'. He suggested that they should take advantage of London and its numerous cultural and entertainment facilities- 'London swings' as TIME puts it. The meat of his speech lay in the College plans for expansion, already in progress. By 1973 there will be 4400 students at I.C. Compared with 3650 now. He also mentioned Linstead Hall and the Sports centre, both to be completed in 1968. He ended with paternal advice on good behaviour upon which the Student Executive took over.

The jokes:- remember 'dear Freshmen and Freshwomen', Mines are yellow etc., etc., are becoming hardy perennials over the years, but understandably went down well enough. Freshers were again exhorted not to be sick on the carpets after Freshers Dinners, to join in the Union, and to boo rival College Presidents. The speeches were generally all good, but one Iowarian claiming to have gone to sleep during 'one of the middle speeches', 'and I think Mike Tait looks like Ringo Starr' she added. No comment.

### Three Council places vacant.

The Examiners have removed three members of Council - The President of R.C.S., The Guilds Representative, and a floor rep. C.C. Parker has taken the unusual step of resigning from his post.