



IC caught in election fever

Cavanagh stands again

Most Guilds contenders for five years

by our Political Correspondent

Next year's constituent college noted both for their quantity presidential candidates are and for their quality. Deputy president Molam has already won Mines, Guilds have more contenders than at any other time in the last five years and RCS is gripped with a growing feeling of seriousness.

Despite the intervention of outside candidate Pete Reed, who has as yet no policies, the choice before RCS this year is very much the same as last year. As First year physicist John Caddick has withdrawn his nomination, and third year, Alan Lafferty has been told that his nomination is refused.

Cavanagh, defeated last year in an exceptional poll, is once more demanding a change in the emphasis of RCSU—from mainly 'sport' to a balance in which student problems of larger scope can be dealt with by their Union. Cavanagh has been more concerned with relations within Chemistry being largely responsible for the formation of the academic sub-committee in that department. Last year he was chairman of the AScW student group (but this year is not a member), and in this time supervised that organisations survey of undergraduates at I.C. which was the basis of one of the two submissions of evidence to be placed before the Advisory Committee on Grants (IC's letter arrived a month too late). This year he has been RCS rep. on Council (the only candidate for either College with experience on I.C.'s governing body).

Both Cavanagh and Chappell want to make the RCS Union Office a basis of a strong Union (this point was made by the Guild's candidates) with this basis of strength he would set about making RCS capable of helping deal with the problems of undergraduates and post-graduates. Particularly he would try to involve PGs in RCS—feeling that it is vital for undergrads to meet PGs through the Union.

Continued on back page

A. Sc. W. opposes loans suggestion

Worth £500m a year to industry

IN THE latest edition of their journal, the Association of Scientific Workers take a firm stand against the suggestion of the Department of Education and Science that students grants should be replaced by loans.

In an interview, Mr. Harry Fairbrother, the secretary of the I.C. branch association, said that the Government tended to regard higher education as a social service which placed a financial burden on the community, rather than regarding it as an investment for future benefits. The A.Sc.W. had, however, mounted a survey which showed that the benefit to the country from graduates who entered research departments alone was of the order of £500 million per year—far in excess of what the government consider university education will be worth in the next few years.

The Association objects to loans primarily because students would be deterred from entering universities by the prospect of having to repay the money they obtain. Students entering universities are making a financial sacrifice on what they could earn in scientific employment on leaving school. Many people faced with the prospect of repaying university grants would probably prefer to go straight into industry from school. In fact the Department of Education and Science has been rebuffed by so many concerned parties on similar grounds, that all present plans have been shelved, although the department is still committed to work within the framework of the National Plan.

The article in the journal also points out that undergraduates use their grants to pay their way during term-time and during vacations are forced into taking any job which will bring enough money to make ends meet. The Association suggests that grants should be adjusted to make undergraduates incomes comparable with those of others of the same age group in full-time employment. One way of raising more money, the Association says, would be in the form of a tax on productive enterprises. The article also suggests a review of grants to postgraduates, married and other students.

ROGER COOPER

N. Ed.: The Secretary of State for Education and Science in reply to a letter from an MP (J E MacColl) sent following the Loans Lobby states that it is NOT Government policy to introduce loans, nor are there any proposals for them. ICU's loans sub-committee is to report to the next Union meeting.



IN BATTLE—storming the gate-house on a Carnival stunt last Saturday (photo A. Gawronski).

Carnival magazine sells badly

Sales of this years carnival magazine have not been going well so far—by Wednesday only about 700 copies had been sold. Sales manager Jane Pearson, blames lack of sales staff (some people have refused point blank to sell the magazine) on grounds of uninteresting copy and a high price brought about by lack of advertising. Many first-years particularly, in expectation of a joke magazine of dubious taste, and finding this not to be so, seem to be not buying TANGENT.

Anyone who would be prepared to sell the magazine at the F.A. Cup Final should contact Jane Pearson at 125 New Beit or via the Union letter rack.

Dungey

AND THE magnetosphere

On Tuesday 2nd May Professor J. W. Dungey (of Physics) gave an Inaugural lecture on the Magnetosphere. He came to I.C. in 1963 as a Research Fellow. Introducing him Professor Butter referred to his training at Cambridge, where he had collaborated with Fred Hoyle. He has also industrial experience, and has worked in a number of universities in Britain, Australia and America, as well as at the Atomic Weapons Research Establishment at Aldermaston.

His special interests include Electrodynamics and its applications to Plasma Physics and he is intimately involved in the American and European space programmes.

Bondi speaks

Science and Religion

"THERE WAS not now, as there had been in the day of Huxley himself, a direct conflict between religion and science." So began Professor Herman Bondi of Kings College, when he addressed the Huxley Society on the subject of Religion and Science. Nowadays religious fundamentalists are a minority; generally theology tends to be more interpretive than in the past.

There is still, however, a conflict arising from the different methods of approach to problems.

Much of religion relies on "revelation" which is not open to speculative questioning, whereas doubt is the "meat" of science. If experimental results conflict with the predictions of a theory, the theory can be said to be disproved, although agreement of theoretical and empirical data does not necessarily prove the theory. A good example is Newton's Theory of Gravitation which was not disproved for 200 years, in fact, until technology enabled measurements to be made which showed up its inability to account accurately for real situations.

Thus the essence of science is acceptance of the yard stick of experimental disproof. Since such disproof must be universally accepted



by definition, science is something on which people of many countries and backgrounds can agree, whereas religious ideas vary widely from one group to another. This is because religion is one of these personal areas of life where decisions are influenced by the social and

sexual attributes of the human being, rather than logical deduction. Obviously science does not pretend to legislate here. It is for this reason that there can be no certainty and universal agreement in such decisions as those involving "taste" or personal preference. Fortunately, we are all different, and we can all, intelligently and sincerely hold different opinions with equal validity.

Arising from this said the Professor, it seemed to him to be basically wrong that religious attitudes should be imposed on people, for example by teaching one particular religion in schools. Religion should not be a State responsibility, but a personal one. History shows that an adopted state religion usually leads to conflict and suffering. Rather, one should inform children of the fact that there are many different religions, and that no particular one holds the universal and exclusive truth but everyone is entitled to his own preference.

NIGEL SHINDLER

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SKEMPTON IN ROME

PROFESSOR A. W. SKEMPTON—Head of the Civil Engineering Department at I.C. was present at a meeting of the Italian inter-ministerial technical Commission studying problems connected with the leaning Tower of Pisa, in Rome last week. The meeting—to consider soil analyses carried out by the University of Naples—was also attended by German expert Professor Edgar Schultz.

SMALL ADS.

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A.A. Entry Delayed

Negotiations continue

THE PROVISION of recurrent funds for the running of the School of the Architectural Association is the present major stumbling block to its entry into the IC framework as a fourth constituent college.

Negotiations are continuing between the University of London, the University Grants Committee, the Department of Education and Science, the AA and the College.

The AA approached the College with this plan early in 1962, and the subsequent discussions were authorised by the Governing Body on the understanding that no additional financial burden should fall on the College, that the expansion programme of the College should not be impeded and that the AA School should be prepared to move into close proximity to the College. Joint working parties were formed on academic questions, finance and sites, and buildings.

Before the publication of the Robbins Report the UL Senate had already given approval in principle to the scheme on academic grounds, and the Court had recorded the view that the proposed merger was desirable not only to the College and the Association but also nationally. But the UGC, like the Court, was unable to make any financial grant.

Academically the way ahead was clear and so in framing the plans for the long-term expansion of the College to 4,700 students in 1973/4,

provision was included in that total for four hundred architectural students in the expectation that the financial problems impeding the scheme would by then have been overcome.

The two problems here are capital and location, and of these the first has so far proved the more intractable in that the Association has no capital funds of the required order of magnitude available and the UGC has been so far unable to help. In parallel with the exploration of the financial problem, a joint survey has taken place of suitable sites and buildings near the College which might be available at a sufficiently early date.

Marathon Manifestation

IN THE Main Lecture Theatre (Room 220) and the Concourse Area of the Mech. Eng. Building on Wednesday, 18 May, WELLSOC will be holding one of its most unusual meetings yet—a MANIFESTATION, which will be open to all members of I.C. Union.

The Manifestation will be a trend-setter for "The Art of Science" Exhibition Wells Soc is sponsoring as part of its Centenary Celebration in November. Wells Soc will be inviting members of the Union to submit for this Centenary Exhibition works of art inspired by science, or produced "scientifically". The May 18 manifestation will provide some examples of the sort of thing they would like you to produce. The programme is:

- 4.30-6.45 Electronic Music a lecture-demonstration by Desmond Briscoe Head of the BBC Radiophonic Workshop.
- 7.00-7.20 Films a brilliant study of Reg Butler twisting metals to a haunting background of Electronic Music, and a superb Norman McLaren experimental film of Jazz and Colour.
- 7.30-8.15 The Art of Science Short talks by a galaxy of interesting speakers, including the directors of the controversial Signals Gallery, and demonstrations of KINETIC and ELECTRO-MAGNETIC ART, BUBBLE MOBILES, NON-WORKING MACHINES, weird BONE SCULPTURES and 3D EXPERIMENTS.

8.15-9.20 Coffee Bummel Examples of the devices shown by the talkers will be available for inspection and their creators will be there to discuss them over coffee.

9.20-10.00 Special TV Programme recorded for Wells Soc by the BBC, showing the fantastic and ingenious Swiss JEAN TINGUELY at work on his non-engineering. The programme which will be on Video-tape, shows examples of Tinguely's strange machines which makes nothing—except noise—and some unique shots of his AUTO-DESTRUCTIVE ART—one "Happening" had to be extinguished by New York firemen!

Coffee will be available throughout this marathon 4½ hour Manifestation; those who intend to witness it all are advised to take their own sandwiches—there will be short breaks here and there in the programme for refuelling with coffee.

Phoenix Reviewed

PHOENIX FLIES AGAIN and this last issue of the year seems a success. In it Mervyn Jones, the editor, has arrived at a happy mixture of content and the layout is pleasing, if rather conventional.

The issue contains equal amounts of fact and fiction. Articles vary from a dissertation on the scientist's role, in the editorial, to a reasoned argument for U.D.I. in Rhodesia by Chris Molam. The short stories are equally varied, with some splendid humour from David Bishop. The centrepiece of two poems by Philip Poyser is very effective.

As mentioned earlier, the layout is rather unimaginative but by no means bad. I believe that there should be more use of photographs in a magazine of this sort. These

would relieve the monotony of the amateurish drawings. Unfortunately the printing of photographs is expensive. However, the cover almost makes up for any lack inside.

Congratulations must go to the staff for having produced an interesting issue in the face of lack of contributions. This Phoenix should sell well with the added incentive of the cover girl.

P.M.C.

Fame for R.C.S.

The following comment from "The Guardian" "Three drivers of a wheezy (sic!) old fire engine, in gleaming hats like members of the Ruritania Royal Guard, were frantically looking for some sticky tape for last minute repairs."

We wanted to stick to our Bally Numbers.

Pooh Club Expositon

ALTHOUGH the first expositon of the Pooh Club failed in its original purpose, it was an unqualified success. The sixteen members searched Hampton Court through the Mayday crowds for bridges. None of the three bridges found fulfilled the stringent technical requirements for Poohsticks. Valuable experience however was gained before opening time. The major success of the day was drinking the Youngers' No. 3 dry. Miss Janet Smith confided to me "Poohpeople are great. What a gas!"

Jim White revealed that another expositon was planned for May 15th. Latest rumour has it that the general public may be admitted to a minipoohsticks competition at the Carnival fete.

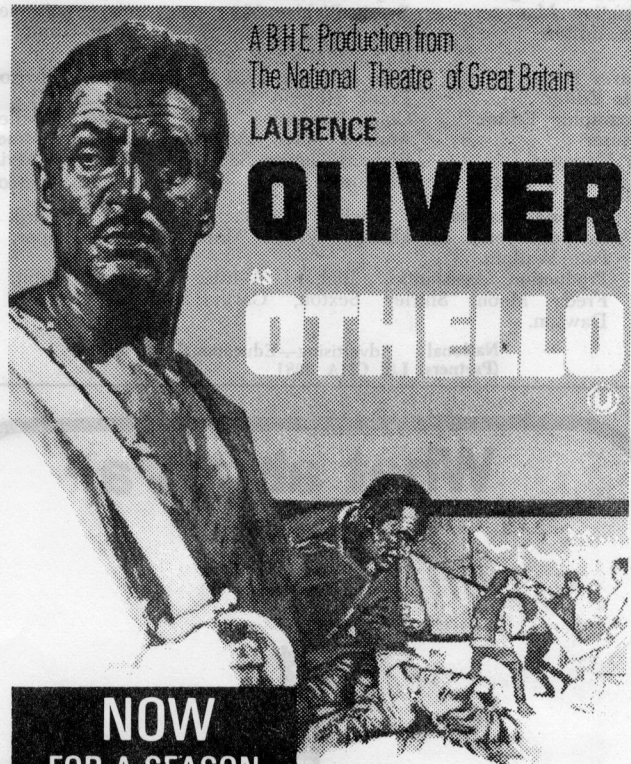
G. WILSON

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Comment

by the
editor

AT THIS perhaps the most startlingly quiet period of the academic year we are amid the throes of intense political activity as contenders seek support for their election to various posts in the Union.

Without ramming that much-laboured word "apathy" down the throats of one and all, I shall merely record that I deplore the general lack of competition for office. Especially in view of Premier Wilson's recent wise words, one would have hoped to see greater enthusiasm amongst IC students for at least some minor experience in management. After all, scientifically-trained managers are in ever-increasing demand from industry and personal experience in the students' union is every bit as essential as being taught management techniques.

It would be a sad reflection on this, one of the most highly respected educational institutions in the world, if IC tended to attract only the type of student who is prepared neither to lead nor to take any initiative, and lacks any personality. Fortunately this is not so, but among those who do show sufficient interest to take office are represented only a minority of the most eligible and capable students. The exclusion of the rest leads to their detriment and the Union's loss.

Now it is almost too late for the individual to make any significant contribution to next year's Union policy-makers other than the record his or her vote. The most important choice has yet to be made for it will be incumbent upon the President to create the image of ICU. Beyond nominations, this

matter is entirely out of the hands of the ordinary member of the Union except through his representatives at the joint Council meeting on 6 June.

Most of those on next year's Council yet await election. Your vote for a constituent college President, a clubs, committee chairman or Union floor rep. could decide between a blind planner and an inactive listener for the Union's top post. The ideal President should combine the qualities of sound administrator, superb chairman, excellent public speaker and active socialite, and, above all, he should understand his Union. However, this zenith is perhaps beyond the pale for all time, and will certainly not be achieved on this occasion. But he who wins must reflect which are considered the most important of these characteristics.

FELIX

Imperial College Union
Prince Consort Road
London, S.W.7
Telephones: KEN 2963
Internal 2881/2799

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John Grout 3351
Richard Mitchell 2755
John Cawson 2751
Frank Hobson 3353/4
Colin Harrison
Andrew Mayo 3353/4
Richard Davies 3353/4
Elizabeth Rankin

Incoming

P M COMBES
R J Mitchell
A J Firshman
no appointment
John Grout

Colin Harrison
VACANCY
Nigel Shindler
no appointment
Richard Davies
Judith Pearson

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Blueprint for President

CHRIS COOPER

What's wrong with youth?

(from the pages of For Women Only)

Sickly Gwynne writes:

What a lot of silly tripe we hear talked about today's youth—about drug-taking, wild parties, and nasty sex! Well, I'm going to stick right up for them—youth that is—and tell you about my lovely day at Imperial Tech, one of the lovely new colleges for artisans that are mushrooming like wildfire all over this old country of ours. I won't tell you about things like Botany and Plant Phrenology, Civilian Engineering, Physick, and—oh!—lots of things much too brainy for a senile old cretin like me; but what I fancy I can grasp is the stuff of which a young person is made, of either sex. I spoke to the ladies of ICWA, each with some exciting career in mechanical engineering or oil prospecting in front of her. One always thinks of girl students as having too much sex, but one look at these young women, and I knew that couldn't be true. I asked one of them what her reaction would be if a lecherous old man asked her for a date, and she put an armlock on me and told me she was a security guard. How far can equality of the sexes go?

Carnal

Saturday

Carnal Hop, starring "The Where?" from Frindlethorpe, and barring the children from South Ken, Fulham, Balham, and all points South and West.

Monday

International Evening, with exotic international food (pork crosesksies, chicken a la Greg, etc), fake songs from many counties near Newcastle, dancing to the Rhythmic Sound of Mooney's Spoons (our very own stainless steel band).

Tuesday

Fake Concert, with Bill Dobbin, sub-intellectual from the Middle West of the New York Hilton, Slim Furry, with his talkin', I-don't-know-the-words-of-this-load-of-old-traditional-rubbish blues, and the Concrete Cuboid Amblers.

Wednesday

Stomp with Victor Sylvester and his jump band, Sandy Shaw and her Splinters, and the Prince's Gardens Ratepayers' Association Noise Patrol. Three hours' uninterrupted jostling.

The Late Late Show

6.30 pm for all you night people: 'The Amazing Kinematograph' (classic demonstration film of 1902) and the 'Potter's Wheel' TV interlude of yesteryear, suspense-filled, enthralling. Followed by an earlier

performance the same day.

Thursday-Friday

Review: 'Stop the World beyond the Fringe of this Lovely War'. Well-ried material from the old favourites, Charlie Chester, Arthur English; the ITMA team, 'Hilarious as Tangent' (Bernard Lewin), (...)

(Kenneth Tynan).

Saturday

Procession; don't hesitate to strong-arm the bourgeois rentiers and capitalists of South Ken. And the people in Notting Hill ought to be ready to cough up too, after what we're doing for them.

Fete: Let's make it the most foetid ever! Play Ducking the Piano and smashing up the Presidents! Try the Euthanasia Society's Electric Chair! Government surplus slave-girls will be auctioned by our friendly neighbourhood Libyan Embassy.

NB: there will be no burn the columnist stall this year.

Grand Finale

Climax in Union: three hours' gazing at Jimmy Saville, famed as much for his appearance on stage as for his music. Go home tired but happy, knowing another good Housing Trust has been laid in its grave.

Letter

Unfair to Judo

Sir,

Your slighting reference to the Judo Club in your last issue was most misleading. The tournament we did not win was the Bristol Colleges Championships. You omitted to mention that the following week we won the London Colleges Championship, for which 12 teams entered. In this tournament we defeated U.C., the winners the previous week, in the final.

As well as this, the Club topped the Inner-Colleges League Table, on even better pointer to its strength.

Out of some 20 odd matches fought, the club has lost only 2-1 against the Metropolitan Police, the other against Cambridge University.

In fact, the club is as strong as it ever was if not stronger.

RICHARD JACKSON

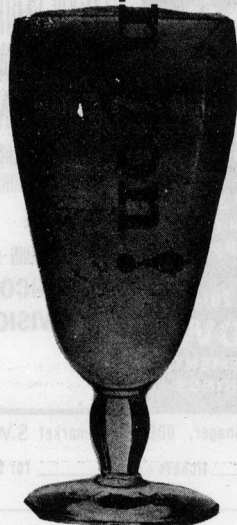
THE SPORTS EDITOR REPLIES:

Mr. Jackson is referring to an editorial which was not meant to be a Judo Club report. I was talking about winning cups and The British Colleges Trophy (the highest they can enter) which they won last year, they lost this.

That is all I said and Mr. Jackson agrees with my facts. Too many clubs only want coverage when they win and none when they lose.

What about a

Worthwhile



FROM

THE BASS, M & B GROUP

The fourth College

THE ARCHITECTURAL ASSOCIATION is a society of architects formed in 1847 with the primary aim of establishing a system of architectural education. It is a professional and learned society and a centre of progressive architectural thought.

In 1901 the AA founded the first full-time day school for architects in London. Today the School is the oldest and largest architectural school in Britain.

The essential feature of the relationship between the School and the AA is the invigorating contact of the School with a body of practising architects joined together in the AA specifically, in the words of

its Charter, to "promote and afford facilities for the study of architecture and to serve as a medium of friendly connection between the members". This close contact is emphasised by the fact that a high proportion of the staff of the School are practising members of the profession who come into the School as studio tutors. Students join the Association as probationary members.

The AA and its School are financed by fees, endowments and members' subscriptions. They receive no direct grant from public funds.

There are at present about 400 students at the School and little expansion of the total number of students is envisaged in the long-term expansion plans of the College.

Jez and Clem make Brighton, just

At 12.30 on Sunday afternoon, May 1st, Jezebal sailed victoriously into Brighton to the joy and relief of her crew.

Two years spent rebuilding her finished on the Wednesday and in the afternoon she was

driven to Earls Court for Crypton Tuning. This led us to readjust the timing. The evening was spent teaching the two new drivers the intricacies of a crash gearbox in a tour of the West End. This was repeated on Saturday, when we ran out of petrol in Regent Street to the embarrassment of the crew and amusement of the crowds.

On Sunday morning we set off at 7.00 a.m. for Clapham Transport Museum. Judicious persuasion of Marshalls got us to near the head of the queue, and we left the start just after 9.00. The journey, in brilliant sunshine was gloriously uneventful, Jez behaving excellently in her first long run for two years. Our entry into Brighton was a little hazardous, as the clutch control came adrift and we had to drive through the town to the finish without it.

This was rapidly repaired once we had parked, and we spent the afternoon sunbathing. At 5 o'clock we started home—but found that the footbrake wasn't operating—so we tightened the coupling. However, by some miles out of Brighton, the coupling had cooled and contracted sufficiently to bind on the brake. We stopped, boiling violently. An hour later, cooled and re-leaved, we set off. About 15 miles from London we stopped at a Hostelry for sustenance. However, stopping the engine stops the water pump. So she boiled. She boiled, in fact, so violently that she shot the best part of eight gallons out of the top of the radiator and the overflow. On cooling and refilling Jez and the driver we started (to the surprise of one old gentleman who said we should have fitted the new bearings with a file and cold chisel) by merely switching on the ignition. The run back to South Kensington was covered in an hour and a half, Jez was garaged, and the extremely tired, but overjoyed drivers and crew celebrated by going home to bed.

Clementine also made Brighton successfully—although she too had trouble with over-heating. The only major disaster was the breakdown of one of the attendant cars, driven by Goldie Smith.

Desertion?

"YOU BRIGHT YOUNG MEN should change your minds and become Engineers." This was the main theme of Professor Blackett—President of the Royal Society—in his address to the Royal College of Science at that College's annual Dinner on May 2.

Professor Blackett—proposing the toast to 'the Union' pointed out that while Britain is 'frightfully good at pure science' but drew attention to our failure to 'completely make the grade at the application of science through technology'. This he suggested was due to the British practice of 'putting too high a proportion of our manpower into pure science' and would only be overcome if trained scientists became Engineers. A former Dean of R.C.S., Professor Blackett was at pains to explain that he was not suggesting that members of R.C.S.

should join Guilds Union, only that they should turn their attentions to the technologies.




Professor Blackett

IC AT U.L.S.

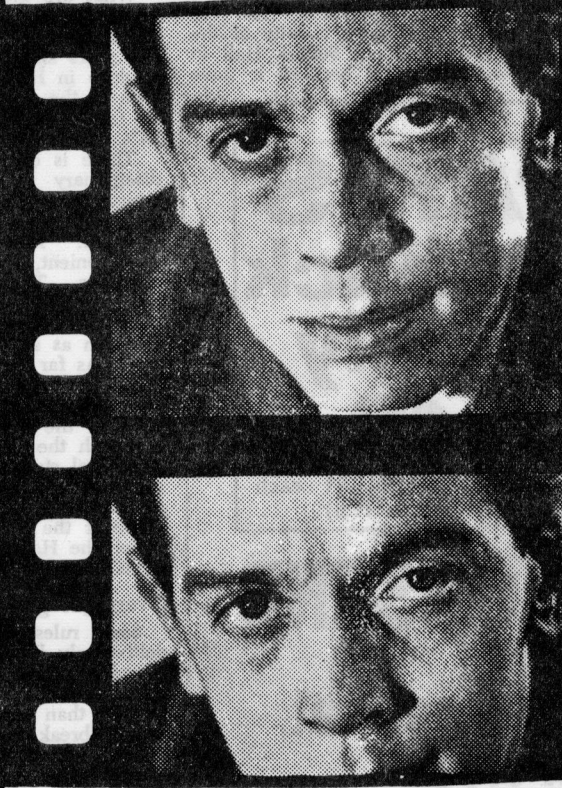
I.C. LIBERAL SOCIETY was again well represented at the U.L.S. (Union of Liberal Students) Conference at Birmingham this Easter, by 4 delegates, Edward Fortune, Howard Lyne, Mike Mansfield and Philip Polden. Now affiliated directly to U.L.S. instead of through London University, they were able to propose motions in their own name, and full advantage was taken of this.

Two motions were proposed, the first largely endorsing the Buchanan Report on Traffic in Towns was proposed by Edward Fortune and carried overwhelmingly and the second, proposed by Mike Mansfield, dealing with the status of P.G.'s, suggested that they be paid by salary rather than by grant was also passed overwhelmingly. Mike Mansfield was elected London Area member of U.L.S. executive. Edward Fortune stood for Chairman but was unsuccessful.

U.L.S. which has much greater freedom and representation within the Party than any other equivalent student organization in other Parties, decided to press the Liberal Party to contest all seats, at the next General Election and to attack the Labour Government forcibly when it betrayed radicalism or forgot humanitarian principles. The constant threat of an impending General Election had caused the Party to do little more than re-define its policies for the last 3 or 4 years, now all policies should be revised and reshaped for the 1970's and, above all, include items, that would arouse the interest of the electorate. U.L.S. would have a major part to play in this.



OBSERVERCINEMA



KENNETH TYNAN
in the celluloid jungle

(Stupendous! Colossal! Dynamic!)

What happens when a celebrated theatre critic goes to the cinema? The readers of *The Observer* find out every Sunday morning, when Kenneth Tynan sorts out the truth from the puffery. He says what he has to say, on the lines, not between them!

In The Observer every Sunday

The Halls - Fact and Fable

Mike Wilson (Halls Rep. on Council) defends the selection system against charges of bias

Much criticism has been levelled recently at the Halls system in I.C. In fact, a recent editorial in this paper asked whether wardens should determine the moral standards of residents, as this appeared to be the current trend. It compared Halls to boarding school dormitories, and it followed several letters in the correspondence columns of the same general tenor. One also frequently hears the allegation that the Halls are closed shops. How much truth is there in this, and how bad are the Halls really?

Avoidance of Two Worlds

In a note to the U.G.C., in 1965, the Rector laid down the principles upon which the residential system at this college works:—"We have tried to avoid the building up of two worlds—the privileged residents, and the under-privileged non-residents." This has been done by ensuring that refectory facilities were shared with non-residents and that tutors and their equivalents should be restricted to departments—unlike Oxbridge and some other universities. Also the siting of Halls in the immediate vicinity of the College is important. The old Selkirk Hall in Holland Park was abandoned because it gave

rise to just such problems. Obviously residents are privileged, but every attempt has been made to keep this to a minimum. As to Hall being a closed shop, any residents will know that this is nonsense. 25% of each Hall's residents have two years in Hall, 25% are freshers and about 50% are people who are in Hall for the first time. Obviously the selection procedure is not perfect, but improvements are difficult to envisage.

No bias towards the Rugby Club

Few people would prefer the wardens filling their own Halls with those they consider to be "desirable residents". The Pin Method has something to be said for it, but not much, and the departmental method is the method currently used to select freshers, and has met much criticism.

Allegations, such as the current one that if you are not a rugby-playing Guildsman you can't get into Tizard are totally unfounded. No doubt the Rugby Club makes its presence felt, but there are no more Guildsmen in Tizard than in the College as a whole, and furthermore, a higher percentage of Guilds apply to Halls than Mines or R.C.S.

In Fear of the 'News of the World'

What are the chances of getting in? At the moment there are less than three applications for every available place. A survey carried out five years ago showed that if they were offered a place in Hall 75% of the undergraduates and 50% of the post-graduates at I.C. would accept. In fact only 45% of the undergraduates and 24% of the post-graduates apply.

There is obviously a need for some sort of disciplinary authority—the threats from Westminster City Council to close down Southside on the grounds that it was a public nuisance bear this out. The current system could hardly be more lenient, with the absolute minimum of regulations. The need for noise regulations is obvious, and not to have the "overnight guest" rule would leave the system open to many abuses, such as students sharing rooms designed for one. As far as women guests, it does not take much imagination to see what the News of the World would say once Southside got the reputation of the "South Kensington Whore House". Although the College does not want to impose set moral standards on its students it must consider its reputation. Hence the other "basic" regulation:—"... conduct prejudicial to the good name of the College ... (is) ... misbehaviour of which the Hall Committees have been instructed to take a serious view".

Overnight guests sometimes permitted

Some rules are necessary and when rules are deliberately broken, it is normal to punish the offenders. Punishments in I.C. Halls are so infrequent that their publicity is due more to their scarcity than to their severity. It is not necessary to break the rules. If, for instance, under exceptional circumstances a resident wishes to introduce an overnight guest, this is not forbidden. It is the UNAUTHORISED introduction of such guests that brings down the wrath of the wardens. If the circumstances merited it, permission to introduce an overnight guest could be obtained from the warden or sub-warden concerned.

Powerful Hall Committees

People often underestimate the power and effectiveness of Hall Committees (and of the Union) in the running of the Halls. Hall Committees are students elected by their fellow residents and they have a very big say in how a Hall is run. Although a Warden is ultimately responsible for the running of his Hall, and has the power "to take summary action", this rarely, if ever, happens. The regulations are extraordinarily flexible, and the Hall Committees help to keep them so. A move at the beginning of this session to specify the "reasonable hour by which guests will normally be expected to leave", never got off the ground. Proposals for systems of

punishments such as fines, were squashed by the Hall Committees, the famed Proctors never appeared because of student opinion, and when the words "immoral conduct" appeared in the proofs for the changes in the regulations made in 1964 they were promptly deleted following objections from Hall Committees.

Constructive criticism of the I.C. Halls is welcomed in all quarters, but it is very hard to find.

Mike Wilson
Halls Rep. on Council

Foreign Affairs

THE MID-ANGLIA Police Force has set up a special 'Vice-squad' to investigate drug taking in Cambridge. This follows the fine last Friday of two Cambridge University students in favour of this move, in possession of Indian Hemp. The University is in favour of this move, and intends to give the police all possible help.

Crossword. No. 231

Across

- 1) Rejection in a note
- 4) Clipped tone is above.
- 5) Vicar's entertainment.

Down

- 1) Tool of modern diplomacy
- 2) Shortening nothing increases it.
- 3) Belonging to.

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Northern Outpost

A Visit to Carlisle

Carlisle has followed the normal course of development of the Redbrick Universities. Starting as a specialist foundation of the Methodist Church at the turn of the century, it later accepted students to read for the University of London external degrees and received its charter from the Privy Council during the period of rapid university expansion just after the war. Smaller than the institutions we have reviewed in

previous articles of this irregular series, Carlisle has just under 2,000 students—the vast majority of them in Halls of residence.

Contraception and Segregation

At £5.14.0d. a week, the halls provide excellent value with comfortably furnished rooms and well cooked meals. The one old hall (for Men) provides few bathrooms or showers and most of the rooms do not have wash basins as it is a conversion of the old country house in which the

college was founded. To a visitor from I.C., Hall discipline seems unbelievably strict, all visitors must leave by 10.30 p.m. and no resident is allowed to take visitors of the opposite sex up to his room. As Carlisle was one of the first universities to introduce contraceptive advice into its health room this shows a surprising lack of technical knowledge on the part of the Authorities.

In the manner of the old country house, the college buildings are isolated from one another in the extensive grounds, some of which form the splendid playing fields. The college is self-contained, and students seldom need to leave the campus. This is partly due to the fine shopping facilities in the Union. However this development of a thriving university life is probably due to the lack of facilities for recreation in the town of Carlisle. It has an essentially rural atmosphere, in complete contrast to I.C. The relatively modern Union presents a glassy aspect and is said to be ill-ventilated; it has fine all-round facilities, including a superbly equipped concert-hall and cinema with comfortable tip-up seats.

Mobile Mascot

The University achieved a measure of fame in reaching the quarter-final of the Observer Maco debating competition. Its Indian president, Yava Sahid, told me that the young, forward-looking vice-chancellor, Sir Lewis Anderson was largely responsible for the speedy completion of the new Union facilities and the flexibility of the undergraduate courses—it being a common occurrence for students to change subjects at the end of the first year.

On the lighter side, the college boasts an impressive collection of mascots including a 1900 De Dion-Bouton tricycle and a stuffed griffon (W-H club take note). It indulges in occasional raids on the University of Lancaster and once roamed as far as Man-Tech.

The most well-known department of the University is the Faculty of Social Sciences, which is renowned for its researches in industrial psychology under Professor Buckhouse, an American from Harvard Business School. In direct contrast with I.C., Carlisle is principally a University for the Arts student, scientists numbering only some 400.

C.G.H.



Union Building with the Women's Hall in the background

Tangent Reviewed

It seems that the tradition of choosing the Notting Hill Gate Housing Trust as the I.C. Carnival Charity has started a tradition in Carnival magazines. *Tangent*, this year's magazine, is exactly the same as last year's *Etc.* in construction and layout.

Unfortunately the amount of copy in *Tangent* is very little, making it a bad buy for 2/6 (or even more). It can be argued that since it is being sold for charity it does not matter what the magazine is like. However, a charity magazine should be able to sell for its own sake, and this, I feel, *Tangent* will not do.

The idea of the magazine containing articles written by prominent personalities is basically a good one, but in *Tangent* it is taken too far. Only the Editorial and the Carnival Organiser's column can be said to be original, and even that is dubious (compare with *Etc.*). Even the quality of the borrowed material is not too high, with the notable exception of Michael Frayn's piece (which I happened to have already read in the *Observer* about two months ago).

The small size of *Tangent* can easily be accounted for by the lack of advertising contained in it. But there is no lack of people wishing to advertise so there must have been a lack of people wishing to go out and get it.

Surely there must be some original talent in a College of this size—even if we are all scientists. The great trouble is waiting for volunteers. One is much more prepared to help if asked personally. The Carnival Organisers should know of people with ability and ask them for contributions. The magazine as it stands, could have come from anywhere, and therefore needs something apart from the cover to give it a personality of its own.

Peter Combes

Overseas Challenge

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WEDNESDAY 11

West London Anglican Chaplaincy—Eucharist. 8.30 a.m. Concert Hall.
Catholic Society Mass in 11, Princes Gardens, at 8.55 a.m.
Sports Day—Motspur Park. Free coaches leave the Unions at 1.10 to 1.30 p.m. C. & G. v R.C.S. v R.S.M. and I.C. Mannheim University. Athletics events, tug of war and staff race. Today is an official half holiday.
Carnival Stomp. The years last, and greatest, Southside Stomp at 8 p.m. in Southside for only 4/-.
The Late, Late Show. This year—two showings. One at 7.30 p.m. and the other 11.30 p.m. The films: "Only Two Can Play" and "The Ipress File".

THURSDAY 12

Guilds Union Meeting: Hustings; Candidates will be proposed and questioned.
R.C.S. Union Meeting. Hustings for Presidency and Vice presidency at 1.15 Chemistry Lecture Theatre A.
Carnival Revue, presented by I.C. Dramatic Society. Time: Cost: The Concert Hall.
Felix Press meeting. 1.15 p.m. in the press room.

FRIDAY 13

Carnival Revue costing at 3/- in the Concert Hall at 8 p.m.

SATURDAY 14

Grand Finale with the Barron Knights in the Union at 8.00 p.m. The Plinter Group will support with trad. jazz up in the Upper Refectory. Tickets at 10/6.

SUNDAY 15

POOH CLUB. Yet another Pooh

WHAT'S ON

MIKE SMITH

Club expotition! Any Pooh people interested should contact G. Hughes Tizard 555 or via Union Rack.

Jazz and Folk in the Union Lower Lounge, provided by I.C. Jazz and Folk Clubs at 8.00 p.m.

MONDAY 16

I.C. Christian Union "The Student in his Church"—Rev. Tom Walker, Room 266 Aero. 1.15 p.m.
Anglican Chaplaincy—Christian Open meeting Room 303, Mines Extension at 1.10 p.m.

TUESDAY 17

Mines Union Meeting at 1.15 p.m. in the Metallurgy Lecture Theatre, at which the new Mines executive will be accepted.
Felix staff meeting 1.15 p.m.

Exploration Society: the leaders of this year's expedition will each give a 5 minute talk on their plans. Room 303. 5.30 p.m. Mines Extn.

THURSDAY 19

Felix staff meeting 1.15. Press room.

FRIDAY 20

John Clifford Society—Annual Dinner: Guest Speaker: Rev. James Wallace.
Beat Hungry Folk: Beat, folk barrel organ music and a steel band.

All under Holy Trinity, in the Crypt. Tickets at 6/6 from the Christian Societies.

SATURDAY 21

I.C. Hop with the "Heart and Soul" in the Concert Hall and the "New Sedalia Jazz Band" in the Upper Refec. Starts at 8.00 p.m.

SUNDAY 22

Folk and Jazz in the Union Lounge provided by I.C. Jazz and Folk Clubs at 8.00 p.m.

MONDAY 23

Anglican Chaplaincy. Open meeting 1.10 p.m. Room 303, Mines Extension.
I.C. Christian Union. 1.10 p.m. Aero 266.

TUESDAY 24

Felix staff Meeting. 1.15 p.m. the Press Room.

I.C.W.A. NOTES

CARNIVAL TEAS—Helpers are wanted to serve teas at the Carnival Fete on Saturday 14th May in Prince's Gardens. Please contact Ann Hay or Chris Youle, via the Union Rack.

HALFPENNY COLLECTION—Would those members of I.C.W.A. who have collected halfpennies for Carnival please bring them along to Ann Hay or Chris Youle on the I.C.W.A. corridor, Beit Hall before Saturday 14th. May. Also, remember that there are 'halfpenny mugs' by the Carnival stalls in the Union and Southside.

I.C.W.A. PHOTOGRAPH—There will be an I.C.W.A. meeting on Friday 13th. May at 1.00 p.m. in the I.C.W.A. lounge. We hope that as many people as possible will attend this meeting, which will be followed by the taking of the Annual Photograph at 1.15 p.m. approx.

I.C.W.A. ANNUAL GENERAL MEETING—The nomination lists for posts on next year's committee are now up on the I.C.W.A. notice board. Each candidate requires one proposer and two seconders. The meeting is on Thursday 19th. May at 5.15 p.m. in the I.C.W.A. lounge and tea and biscuits will be provided.

OCCUPATION OF A.C.E. BEGINS

ON MONDAY Nuclear Technology started to move into their new quarters in the ACE extension. A fortnight later, on 23 May, Aeronautics and Chemical Engineering will be expanding into the three top floors, levels 3 4 and 5. The rest of the new building will probably be occupied during the week commencing 6 June.

On completion of the Central Site rebuilding scheme this building will link the existing Roderick Hill building with College Block, Electrical Engineering and Civil Engineering.

Living on a Shoestring?

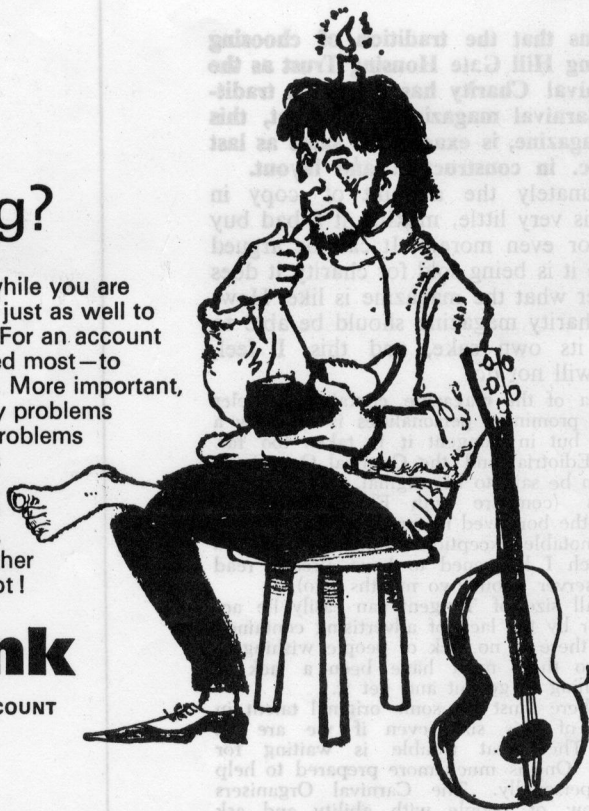
Never mind, it can't last for ever. And while you are preparing to make your first million, it's just as well to open an account at the Midland Bank. For an account can help you now—when help is needed most—to manage your money affairs more easily. More important, it will go on helping you as your money 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 glad to help you—whether you're ever likely to make a million or not!



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Cricket

L. C. Williams

SCORING START

So far all the I.C. Weekday teams are unbeaten, all managing to draw last Saturday.

The 1st XI game got off to a late start due to the non-arrival of the Garner's Coach at the Union. However, the game finally started at about 10 minutes past three with I.C. having won the toss, batting first.

The batsmen got off to an encouraging start with Atkins scoring 56, Potani 33 and Eastell 28, finally declaring some 15 minutes after tea at a total of 151 for 6 wickets.

Eastcote the opposition came in to try and get the 152 runs needed for victory in 115 minutes. However, they soon lost all chances of this with 3 quick wickets falling to the I.C. opening attack. The game rather deteriorated after this with

Eastcote holding on grimly for a draw. Their final score at close of play was 74 for 7, Williams taking four wickets for 16 runs being the most successful of the I.C. bowlers.

ground unfit

With the second XI match being cancelled by Battersea II because their ground was unfit, although they were supposed to be playing at Harlington(I) there remained only the 3rd and 4th XIs. The 3rd XI nearly notched a victory, with O. Hounsloviens needing another 80 runs with only one wicket to fall, and the 4th XI just managed to hold on for a draw against Perivale Nomads.

With two other members of the probable I.C. 1st XI in the runs playing for the Sunday XI, (McCreath 66 and Peters 38) the season looks to be a promising one, certainly so compared with last year when only one game was won during the term.

Soccer Tour

John Fairholme

I.C. CROSS THE RHINE

This Easter the Soccer Club visited Germany. It was a tremendously successful tour, especially on the social side. The standard of our opposition was much higher than we anticipated but after getting accustomed to the German football, and their way of life we played exceptionally well to win two of our matches.

We arrived in Mannheim at 5 a.m. on Sunday 27th March and went to our hotel. Our first match was on the Monday when we played the Economics School in Mannheim. At half-time we were 3-0 down and completely baffled by the quick interpassing by the German forwards. However, after a stern half-time talk the I.C. team played well and were unlucky to score only two goals.

outplayed

On Tuesday we went to Karlsruhe where we played our second match against the high school. In

this match we were completely outplayed and lost 3-0. However, since we had some good training facilities, we made ample use of them on the Thursday. The next day we played the Engineering School, who were supposed to be our strongest opponents. Our previous day's training showed and we won 3-2.

Our last day was spent visiting the sports-school at Durlach in the morning and then in the afternoon we played against a combined side from the first Karlsruhe Amateur League. This was played in front of a crowd of several hundred and proved to be the most exciting. We played well, to start with, but after 20 minutes we let in two quick goals, however, by settling down and some determined football we drew level and at half-time were losing 3-2.

After the interval we had several

Rugby Tour

Pete Ray

EASTER IRISH RUGBY

AFTER A rather 'wet' crossing from Holyhead a rather tired and bedraggled party assembled on the quay at Dublin in the early hours of Good Friday morning. To our horror we discovered that it was Black Friday when all the pubs were shut and so we immediately set off in our coach for Tipperary. Silence reigned on the first part of the journey until the driver produced a crate of Guinness from the boot. Spirits rose immediately and the remainder of the journey was passed to the accompaniment of clinking glasses.

Our first match was played the next day against S.P.S. Limerick under atrocious conditions following 24 hours rain. The team adapted well to the conditions and won by a goal and three tries, to a try and a penalty. The game was followed by an excellent dinner after which one of the party enjoyed four daffodils for sweet.

The next day, Easter Sunday, after watching the Easter parade we played our host club, Clan

Athletics

U. L. Champs

COLLEGE RECORD

by F.D. Hobson

AFTER WINNING the Winter Field Events Cup I.C. Athletics team entered the U.L. Championships with hopes of a high position. We had no such luck however and fielding a week track team we could only come third behind Guy's Hospital and L.S.E.

Star of the meeting was Leon Hall (Phys. 3) who won the high jump with 6' 4 1/2" breaking his own college record by 2 1/2". After his nearest opponent had dropped out at 6'0" he went on to clear 6'2, 3 1/2 and 4 1/2". The bar was raised to 6'5 1/2" but after one attempt in which he managed to bend it into a glorious 'U' shape Leon called it a day and left the meeting with both the High Jump Cup (which he had brought with him anyway) and the trophy for the best field events performance. Last Tuesday Leon also won when jumping for the AAA against Oxford.

good places

Although this was our only first place we had second in the Pole Vault (Julian Brownridge), thirds in the 100yds and discus (Mike Riley and Phil Williams) and second and third in the two mile walk (Johnson and Murray). There were many other placings and the most encouraging part was the high turnout that we had particularly among the freshers. In fact if Civil 1 gave up athletics half our team would disappear.

Although the girls did not this year enter a full team they did have one representative in Ann Bnurrell who as well as being placed in several events came first in the high jump to make it a double in that event.

changes and mainly through a completed hat-trick by the left-winger we won 4-3.

GO TO SPORTS DAY-TODAY

Golf

The Summer Meeting was held at Ashridge Golf Club on Monday April 25th. The Presidents' Cup was won by P. K. Cotton (handicap 12) with nett scores of 70 and 74 for a 36 hole total of 144. The runner up was J. A. Ledger (handicap 7) with a total of 151.

In the afternoon the Lawson Cup was won by J.A. Ledger with 33 stableford points. Runners up were N. Johnson and P. Eadington each with 32 stableford points.

Boats

THE BOAT club continued last term successful run with the Head of the river race at the Putney regatta on April 30.

The junior eight rowed through the Thames Rowing Club crew to win by half a length. The Junior-Senior Four convincingly beat Reading by five lengths. T.S. Hooton did well to reach the final of the Junior Sculls, but was beaten by Hailsell of Walbrook.

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FELIX WEEKEND DEADLINE

Election fever

Cont. from p. 1

As a member of I.C. Exec., Cavanagh would apply experience gained as a representative on Council to watch more closely the expenditure of the Union—already Council has been warned this year that further withdrawals from the money set aside to furnish the sports centre will not be allowed and that it will have to be more responsible in its spending in future.

Roger Chappell, blond 21-year old vice-Captain of IC Rugby says that his career so far has been concerned with the sporting side of RCS and IC—playing rugby for both Colleges. Mr. ICWA-elect and member of 22 Club, Chappell claims to have a large measure of support among post-graduates; he attaches great importance, like Cavanagh, to bringing PGs into the Union, and feels that PGs should "dictate more the Union policy".

The main quality of the President, says Chappell, is that he must have the respect of the Union to bind the three major departments into one unit. With regard to academic affairs he feels that relations with staff should become a "liason rather than a harangue". Livelier Union meetings, with more people taking part in the stunts would be introduced under Chappell, and similarly IC Union meetings would receive more publicity from his presence on Exec.

The withdrawal of Frank Fuchs, former SENNET Editor, from the fight for RCS Presidency "to leave a straight fight, a clear choice for the Union" has been the surprise of the campaigns so far.

Guilds line up of candidates so far, Pete Roberts, 3rd year Civil Engineer, Pete Casson, 2nd year Mechanical Engineer, and Phil Marshall, 3rd year Mechanical Engineering are all of them standing on very much the same platform—all of them emphasising the need to seize the chance before Guilds to make staff-student relations really healthy.

Each of the candidates mentioned in interviews the importance of involving the postgraduates in the Union life, Phil Marshall pointing out that the PGs have mostly been involved with Union activities as undergraduates, and that the Union is losing the feed back of ideas from other colleges.

Phil Marshall has, this year been chairman of Guilds publicity committee, and last year was year rep. for Mech Eng 2 concerning himself with the academic sub-committee and Union sport activities, and also managed the advertisements for Etc., the Carnival Mag.

Pete Roberts similarly has been more concerned with Guilds than I.C. Union, but has been this year on Guilds and I.C. ents committees—looking after the booking of groups for Hops and the C&G events, and supervising the decorations for Carnivals. This he says is 'good fun' but is not the main function of the Union and with this in mind he has been responsible privately for organising informal dinners at which perhaps three students from his department meet the same number of staff.

Pete Casson, Hon. Jun. Treasurer of Guilds is, in his second year, and serves on several Guilds committees. He is chairman of the committee reviewing the Guilds constitution.

In the past, Guilds Union has been stronger than the RCS; will this be the year when RCS catches up 'three years' it lags behind according to RCS Assistant Secretary John Ford? One of the Guilds Presidential Candidates suggests that the strength of Guilds lies in its strong Executives, so the decision is to be made in the next fortnight.

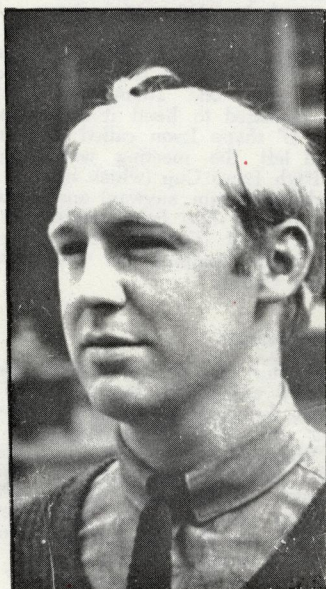
HUSTINGS

Hustings for the presidential and vice-presidential elections will be held on Thursday in mechanical engineering and chemistry lecture theatre A. It is here that candidates first show their form to the union.

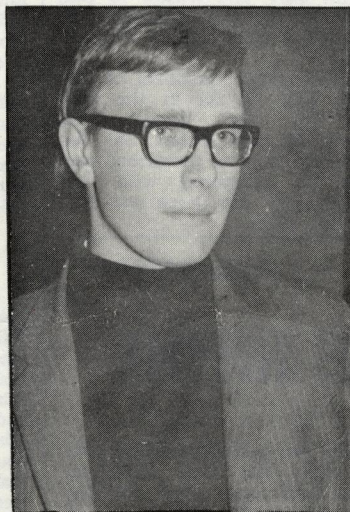
Candidates for RCS



Keith Cavanagh

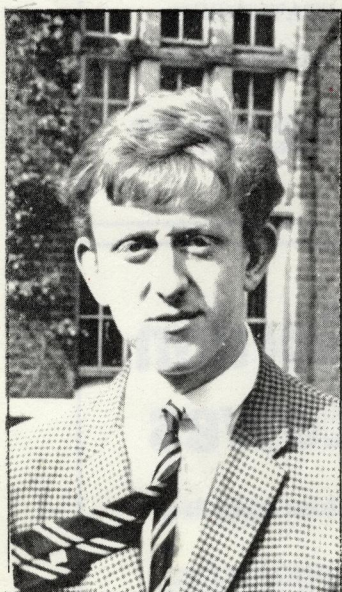


Rog. Chappell



Pete. Reed

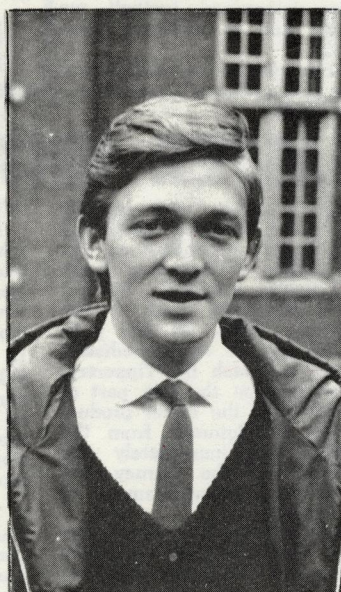
....and for Guilds



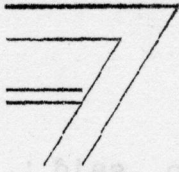
Phil. Marshall



Pete Casson



Pete Roberts



LATE NEWS

LATE NEWS

LATE NEWS

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NEWS

LATE NEWS

LATE NEWS

LATE NEWS

LATE NEWS

Wednesday 11th May 1966

BBC in Chemistry Department

THE BBC will be filming in the Advanced Analytical Laboratory in IC Chemistry Department on Whit Monday, June 5th. for a memorial programme to H. G. Wells a former Professor and Dean of R.C.S., to be screened in November on the occasion of Wells' Centenary.

Already filmed for the same programme are location shots of the large lecture theatre and stills taken from the College archives to build up a picture of the College as it was in Wells' days here.

F.J.M.

Is this a record?

Inevitably the end of examinations, especially ones finals, is a time for 'hard drinking'. The Electrical Engineers finals finished on the first Thursday of term at twelve o'clock. (A convenient time for a quiet afternoon's drink in preparation for the evening).

Five members of the department however, were far more impatient. By 3p.m. they were in high spirits 'walking' along Kensington High Street, amusing the passers by, when along came a 'bobby' - angling for promotion? - he fearlessly stopped the merry group, and marched them off to the Police station. At the station they were locked in solitary confinement and charged with 'behaviour likely to cause a breach of the peace'.

Two hours later this seditious band were released on £2 bail each to wander, once more, through the peaceful streets of Kensington.

Next day they had to appear at the Magistrates court to answer for 'their crimes'. One of the persons concerned was a foreigner and although he spoke perfect English he had a bad stammer. The Magistrate, confronted by this situation, exercised extreme wisdom and adjourned the hearing for a week so that they could obtain an interpreter.

They have since been fined one pound each - Guildsman take heed.

B. P.

Y.H.A. Find a place in the sun

Sunshine and snow were the predominant features of a very successful ten days spent in the North-West Highland of Scotland over Easter. A party of fourteen visited Glen Nevis, Rattigan, and Ullapool Hostels as centres of attention. This provided a variety of types of country ranging from the granite of the Nevis range to the sandstone pinnacles North of Ullapool.

Five peaks were climbed, including Ben Nevis. Many routes that would have been gentle walks in summer were made considerably more exacting by the snow and ice. This provided some excitement and a good deal of experience was gained.

Steve Kinsella

Hydraulics:- Professor J. R. D. Francis, BSc(Eng), Professor of Municipal Engineering at Manchester College of Science and Technology has been appointed to the chair of Hydraulics tenable at IC from Oct. 1st.

ANNUAL DINNERS.

Pakistan Society.

"The world's future lies in science and technology", so said Mr. Naik, at the IC's Pakistan Society's Annual Dinner on May 5. He went on to say that the study of the arts and philosophy was important, but the study of science and technology was Pakistan's greatest need. He said that London was a fascinating city and England a country of boundless possibility, but he implored them to go back to Pakistan because that was where they were needed the most.

The dinner, which was prepared by an outside caterer, was one of the highest quality and was attended by about 70 people including many members of staff.

India Society.

The India Society held their annual dinner in the Union main dining hall on Wednesday night. The dinner got off to a late start because the principal guest, His Excellency, the Indian High Commissioner, arrived about an hour late. He was stuck in a traffic jam in Bond Street, and had to make a detour via the North Circular.

After an excellent meal cooked by a chef from the Indian High Commission, His Excellency gave a short speech in which he stressed the need for Indian students to return to India upon completion of their degrees. He said that the present famine in India was very serious and that its solution lay in the application of modern scientific and technological techniques.

This was followed by what seemed to be one of the Rector's most amusing speeches, in which he demonstrated his encyclopaedic knowledge of India and Indian students.

ELECTIONS LATEST

Following RCS General Committee meeting (Tuesday Evening), there are now only three candidates for President and two for vice-President. Nominations from Alan Lafferty have been refused, and no motion has been received the statutory three days before the Union meeting on Thursday. Also Mike Scott has announced that he will not (contrary to rumour) stand for RCS Rep to IC Council.

Hustings for Guilds and RCS are on Thursday, Guilds electing their President at the next Union Meeting, and RCS at a secret ballot in each department on Monday. RCS Presidents are elected by a straight majority, so candidates do not need to gain more than half the votes.

FRESHERS' DAYS

Social Clubs Committee has passed a resolution suggesting that freshers' day next year should see the Union divided up into regions housing the related societies; ACC clubs in the gym, RCC clubs in the U-refec, and SCC in the Concert Hall. The concert hall is the favorite pitch for societies of all kinds - being visited by more freshers than any other part of the building. SCC will have a hard time convincing ACC and SCC to move out!

CLUBS & SOCIETIES PLEASE NOTE: FELIX will be distributing a free guide on freshers day.

Ad.: 'Orpheus in the Underworld' - Dramsoc & ICWA theatre visit to Sadlers Wells on Tues. next, 17th May. Some 25/- tickets at 13/6 left. See Paul Coslett, Rm. 39, Old Beit.