



Founded in 1949

The Newspaper of Imperial College Union

ELECTION RE-RUN OFF

UGM decision overturned!

Cup double for IC

Saturday saw a unique double for IC Football, with the Firsts and Seconds carrying off their respective cups on a dry, but blustery day at Motspur Park. The College came close to collecting all the three cups, but RSM II were narrowly defeated in their final.

IC II began the day with a convincing 5-1 win against QMC III, putting them in 'high spirits' for the afternoon finale on the main Motspur pitch. There, in a hard, competitive match which, due to nerves and the unfamiliar surroundings was memorable more for its drama and excitement than its standard of football, IC I clinched victory in extra-time, having scored all the goals in the 2-1 win.

Unfortunately, the occasion was slightly spoilt by crowd violence instigated by a partisan (and exceedingly drunk) Goldsmith's following which started at half-time and continued sporadically throughout the rest of the afternoon. Indeed, the referee's concern was such that he threatened to abandon the match, if the situation deteriorated.

In direct contrast the vociferous IC support was directed to events on the pitch, thus lifting the team to a well-deserved victory. (See sports page for match reports.)



Jim Beer (left) standing in for the Second XI Captain Ron Wiggins and First XI Captain Steve Ward with their trophies.

The Returning Officer for the sabbatical elections, Mr Marco Ledwold, has decided that the decision taken at yesterday's Results UGM to re-run the elections was ultra vires the constitution.

This means the decision made by Election Committee at midday yesterday to ratify the four elections still stands. Those deemed elected are Mr Stephen Goulder as President, Mr Philip Greenstreet as Deputy President, Miss Mary Freeman as Honorary Secretary and Mr Martin S. Taylor as Felix Editor.

Mr Ledwold stated that the voting schedule clearly said that Election Committee can ratify any election unless a valid objection is lodged, as defined in the constitution. In this case the result must be brought before a UGM. However the objection at yesterday's Results UGM was constitutionally invalid, he said.

At the UGM Mr Ledwold asked for objections to the individual elections and after none were raised against Deputy President or Honorary Secretary, the meeting voted not to approve the Presidential Election alone on the grounds that the electorate were misled by a sentence about abstentions in last week's FELIX.

After a series of confusing speeches and proposals the current President, Mr Nick Morton, explained that if one election was rejected on a challenge to election procedure, then it applied equally to all of them. Thus by rejecting one on these grounds the meeting was rejecting them all.

Mr Morton then proposed a motion to ratify the entire election but after opposition from Academic Affairs Officer Mr Mike Booty this was defeated on the vote.

The meeting adjourned thinking that the election would be re-run, but later the Returning Officer discovered that the decision was invalid and hence a re-run would be ultra-vires the constitution. Thus the Election Committee decision to ratify all the elections still stands.

An emergency UGM will be held on Thursday March 25 for the hustings for the posts of External Affairs Officer, Academic Affairs Officer, Ents Officer and UGM Chairman, which were not held yesterday.

STOIC would like to apologise for a broadcast they made at 6pm yesterday announcing a re-run, as they were not informed of the latest decision before the programme.

The full ramifications of this action are not known at the time of going to press.



Dear Mark

While I share Graeme Shaw's detestation of the apartheid system, his call for a total boycott of South African products is unrealistic. The unpleasant fact is that we are totally dependant on South Africa for essential minerals like tungsten, vanadium, gold, platinum, and heavily dependant also for chrome, nickle and industrial diamonds. A total boycott of S. African goods would mean no light bulbs, masonry drills, wedding rings, printed circuits, stainless steel, car batteries, petrol and many other industrial products. The only alternative suppliers of many essential minerals are in the Soviet Bloc, and I don't think much of their social system either. I would support an urgent programme to prospect and develop alternative free world supplies of essential raw materials we currently import from South Africa, but until that happens talk of a total boycott is nonsense.

We can in the meantime concentrate on improvements that are possible, by pressing British companies working in South Africa to increase black wage rates, open 'reserved' occupations to black workers, de-segregate works facilities, and help black workers with grants for house purchase and the education of their children. British companies in South Africa are sensitive to these issues and are moving to counter the effects of apartheid as far as they can.

Of course this is not enough,

and we should support the black South African's struggle for political freedom by sporting and cultural boycotts, and by discouraging skilled tradesmen from emigrating to South Africa and taking jobs that would otherwise be made available to blacks. But unless we are prepared to wreck our economy totally—and I don't think any political party will get a mandate for that—a call for a total economic boycott is an unrealistic gesture which may ease some consciences, but will do nothing to improve the actual conditions for South African blacks.

Yours sincerely
David Ashforth
Chaplain

Dear Sir

I am totally disgusted with the way the cricket tour to South Africa has been handled. The South African team is without doubt the best in the world today and would whip the arses off the West Indians, and yet the BBC refuses to televise the test series.

Yours
M. Wright
Chem 2

PS: On Saturday night I was appalled to find that only one television throughout IC and its Halls was tuned to our national sport—football!

Sir

I would like to point out to members of the H.G. Wells Society that due to the industrious efforts of our beloved leader, Mr Pallab Ghosh, a couple of deliberate errors accidentally cropped up in the new edition of *The Wellsian*. The first was a simple and unfortunate premeditated oversight, in that my name was somehow omitted from the article. While I totally deny all knowledge of the final paragraph, the remainder was actually written by me. The last paragraph was just an added bonus which The Almighty, decided to bestow upon us.

The second error was a spelling mistake in the last paragraph, in which the word "shit" was for some yet unexplained reason spelt "chairman". (Pallab was awarded this sacred title some

two committee meetings ago.)

I realise of course that most of our members worship Mr Ghosh on bended knees. In extreme cases even giving up food for two weeks in order to afford the £9 Wellsoc Dinner just to hear his impending speech, and the long awaited "wide mouthed frog" joke. To these people I apologise, however these things must be said. It is, after all, a tradition of student politics to insult leading figures. With these words I close.

Miss Toni Baker
Maths 2

PS: Pallab apologises for not introducing *Forbidden Planet*—only he was off screwing at the time.

Dear Mark

It has come to my notice that two IC Union hacks have been invited by the University of London President to a ULU booze-up under the pretence of a "reception for Princess Anne".

Members of the Union might be interested to know that this is costing £1,000 of their money, not much, but imagine if similarly irresponsible people were elected to run ULU next year.

Even the Chairman of IC Labour Club, who will be going along with ICU President Nick Morton, agreed it was a waste of money, but he said he didn't intend to do anything about it because "ULU piss-ups are ten times better than anything at IC".

I hope that FELIX will in future stop these two parasites, who are totally unrepresentative of IC students, from having such a good time at our expense.

Yours sincerely
J.P. Stanley

Dear Sir

Couldn't 'caped crusaders' and all other manner or form of superhero be better engaged in saving the world or, maybe, a mere 50m people rather than writing cavalier letters that can only harm the worthwhile efforts of a few who are prepared to do a lot more than just talk?

Yours sincerely
Marek Banasiak
Civ Eng 3

Small Ads

- **Single room available** next term in Chaplaincy House at Shepherds Bush. For more details contact S. Richards, Life Sci 3.
- **Wanted urgently:** Two people to share flat in Streatham. Share bedroom, kitchen, bathroom and living room in one floor self-contained flat. Rent £16.50pw (non-inclusive) each. Near to BR station. If interested, phone 591-4736 and ask for Penny or Rob (after 6:00pm).
- **Found in Chem Gym:** men's gold signet ring with initials LRM. Please claim from Union Office.
- **Wanted back!** One black wallet with ICU & ULU cards, LT tube pass, 3 membership cards with an RAC membership card. Surprise reward for finder! Contact Fred G, Met 1.
- **BUNAC:** Do you want to work in North America this summer? Then come to the Green Comm Rm this Friday at 12:30pm.
- **MOPSOC** requires a new committee asap. Papers up soon in Maths and Physics depts. Old committee sold in post exchange if required. AGM, March 23.
- **Badgesoc** make badges for any old hack, e.g. 'Schroedinger rules the waves', 'Queensbury rules, KO', 'Heisenberg rules....I think'. Contact A.C. Taylor, ME cages.
- **H.G. Wells Society AGM, Mon March 22.**
- **Community Action Group** now shares the Rag Office on the top floor of the Union Building.
- **1981/2 committee wish 1982/3** Methsoc committee success as they take over. May the Lord be with you.
- **Anyone interested in skiing** in the Alps? If so 1 or 2 spare places leaving March 26 for 1wk. Contact Chris Geoghegan, EE1 or 370-1804 for more info.
- **The Consort Camber Orchestra** requests the pleasure of the company of the whole of the College at its concert on Wednesday at 1:00pm in the Great Hall.
- **Looking for two people** to make up a four to take a car across the Channel to France. Leave March 27/28. Please contact Sally Clasper, Life Sci 1.
- **Available for hire:** one male stripper. Contact Stefan B., Chem Eng 2.
- **The revenge of Civ Eng (28/2/82):** Physics Wanders 6, Civ Eng 1 8. We gave them a chance (or 8). Watch this space for more exciting news. PW Rule UK.
- **The big match (7/3/82):** Physics Wanderers 3, ME Chem Engineers 2. Warner's corner won the day. The lads are over the moon. PW rule EEC.
- **Wanted:** new band for sacked vocalist.
- **Morris 1000 van** D reg, MoT until May 1982, no tax, still running but more suitable for parts. Offers to Risby, 589-5111 ext 1156 or int 3887.
- **Videotone GB3,** small bookshelf speakers, 10x6x8 1/2", £35. Contact A. Ellis, Physics 1 letter-racks.
- **Sanyo stereo headphones,** vgc, £5. Contact A. Winkler via Chem Eng letter-racks.
- **Pushbike,** 5spd, large frame racer, good condition, £60ono. Contact J. Eagleson, RSMU UG racks.
- **VW Golf N (1978)** S reg, vgc, MoT, tax, £1,790ono. Phone Kamal int 2594 or 761-5428 after 7pm.
- **Grand book sale** in the Lyon Playfair Library. All used volumes, many quite old. Tuesday, March 16, 1:00pm.
- **Free! Ticket for Der amerikanische Freund** (German film with English subtitles) at NFT, Tues, March 12. Owner going to ULU Senatorial election instead! Contact J. Stanley, Elec Eng 3 or via Guilds Union Office.
- **Wanted:** A golf ball typewriter self-corrector, must be in good condition. Contact Mrs Kitson, int 2633.
- **Wanted:** Classical guitar. Anything accepted. Brian Shindler, Chem Eng letter-racks or Falmouth 136.

Beaumont on a sticky wicket

The Left Alliance anti-apartheid campaign started on Wednesday lunchtime when three prominent members of pressure groups addressed a relatively small audience in Huxley Theatre 213.

Lord Beaumont, former Liberal Party Chairman, began proceedings by saying that apartheid was a bad thing and we certainly shouldn't support the regime in *any* way, but it was perfectly alright to play cricket with them.

Mr Cosmos Desmond, a former director of Amnesty International, purported that the regime was due to the logic of capitalism and not reason. Mr Desmond stated that the whiteman had come to South Africa for the sole reason of exploiting the land and its people and had soon developed a ruthlessly effective method of control. It became taken for granted that the state would determine where you live, who you can marry even where you can be buried. A more recent phenomenon is the placing of blacks in tribble homelands now that their labour has been superseded by machines.

A more radical line was taken by Mr Abdul S. Minty, Honorary Secretary for the Anti-Apartheid Movement, who accused the West of actively supporting the brutal regime by not supplying arms to African front line states whilst supplying South Africa with sophisticated radar equipment. Sanctions, he stated, are the only peaceful weapon at the West's disposal, so in lifting sanctions Reagan is giving support to South Africa's aggressive stance towards front line states.

Engineering Chief at IC

Sir Kenneth Corfield, Chairman of the Engineering Council, addressed the Industrial Society on Tuesday. With the Rector in the Chair Sir Kenneth spoke on what a university education should be and the British manufacturing industry.

IC's four year engineering courses were praised whilst other courses were criticised for not covering economics. Sir Kenneth warned against overspecialisation and condemned "the blinkered approach" it produces. His idea would be long, broad courses resembling the American system, with high entrance requirements.

Sir Kenneth was concerned about the image engineering has of simply "getting your hands dirty" and said the status of engineers must be raised, although raising salaries isn't the entire solution.

Bemoaning shoddy goods, Sir Kenneth said consumers must be discriminating and buy high quality products. He applauded the various Standards Institutes and consumer bodies, and hoped that their work would help prevent major British industries dying, like the motorcycle and camera industries already have.

London Student to fold?

The election for the next Editor of *London Student* (formerly *Sennet*) has been deferred because of doubt over the paper's future.

The paper is currently running at a loss and it is not certain that the post will be sabbatical next year. In addition the current Editor, Miss Sarah Laithwaite, is to resign at the end of this term because of exams. Although Miss Laithwaite is a sabbatical she deferred her final exams last year which means she must sit them next term.

However this hasn't prevented *London Student* from organising a number of events for other student newspapers in London. On Saturday a teach-in was organised to demonstrate the basic principles of news reporting whilst on Tuesday the *London Student* Journalist Group met.

Although the group has yet to elect a committee acting chairperson, Miss Karen Marchbank, has agreed to arrange a speaker meeting for early next term. It is hoped to have Duncan Campbell, from the *New Statesman*, as the speaker.

● **Bass Charringtons Yard of Ale Competition**, Monday, March 15, 8:00pm, Union Bar. Individual, team and CCU competitions. Minimum number in team: 3. All yards free.

● **Gulls Sixes**, Sunday, March 14. Coaches leave from Beit Quad 11:30pm.

● **The Grand Duke** will be appearing at ULU Malet St, March 17-20. See What's On.

● **Owing to the recent change in Dr Who's appearance**, a long multi-coloured scarf has come into our possession. If some TIT would like to buy it contact Life Sci 1.

● **Biffo**, it's great when your belly wobbles—CW.

● **Wanted: New vocalist for band.** (You didn't think we would, did you Paul?). Old one was sacked. No serious applicants please.

RCM fly the flag

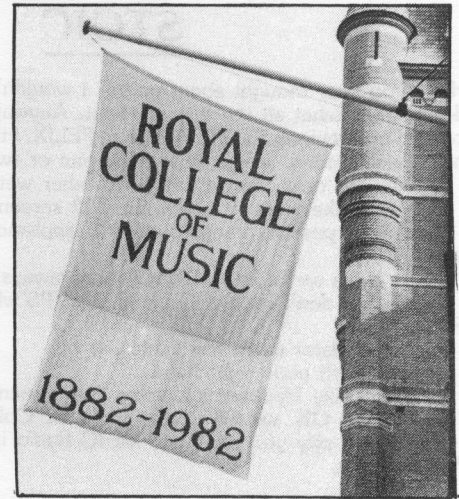


Photo Ramzi Shammias

THE ROYAL COLLEGE OF MUSIC celebrated its centenary on Sunday, February 28, but was unable to display the large banner which had been especially prepared for the centenary.

The banner had originally been hung from the front of the RCM building the previous Friday but was removed on the same day. During the raid it is alleged a window was broken, the banner dirtied and that some of the fittings on the flagpole were broken.

The banner was returned to the RCM by Royal School of Mines Union President, Mr Ross Baxter, on the Saturday evening. Mr Baxter had found it in the Mines Building and the Royal College of Music hope that RSMU will pay for the damage caused.

However, the banner was unable to be used on the day of the centenary because it was dirty.



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N.T

CLUBS AND SOCIETIES

STOIC

Have you ever thought about opera? I wouldn't bother if I were you. I don't know what all the fuss is about. Anyway, after much confusion caused by previous STOIC articles in FELIX, I thought I would spend the next two hundred words answering one or two of your questions.

1. No, the only change will be a rather wet radio.
2. Yes, Mike Hackett is a wimp "off screen" as well!
3. This is possibly dangerous, your appliance may need adjustment later.
4. As far as we know in STOIC* it has always been a bright red colour.
5. No, we don't have a 'Quantel' unit (PS what is one?) (PPS ask IC Radio).
6. Maybe later when the lights are off.
7. Yes, with your right hand.
8. Yes, Mike Hackett is a wimp "on screen" as well!
9. No, it's OK, we get cotton from the College doctor.
10. It is a pity you can't receive IC Radio in colour.

*An asterisk.

STP

A collection day has been arranged for Saturday, March 13.

The money will be used to augment that raised so far from private donations and supporting charities.

This is a chance for anyone to help our appeal. Collection licences have been obtained through the Ockendon Venture; these, the cans and 'Supplies to Poland' stickers will be available for you to collect between 10:00 and 2:00, tomorrow morning, Saturday, March 13.

Cyprus

Now that Cyprus has been in the news, we are organising a 'Kafenio' (Cypriot coffee shop) to discuss the Cyprus Problem, and also eat delicious cakes, drink Cyprus coffee and play Tavli (backgammon).

We urge all students who are concerned about human rights and justice to come and hear of the 200,000 refugees, 2,000 missing persons and the tragic suffering of the Cypriot people. Don't rely on the British media—come and hear from the people who saw and lived through the bombs, destruction and suffering of the Turkish invasion. The Kafenio will be in the Botany Common Room on Friday, March 12, starting 6:30pm till late.

Tofalos

Wellsoc

A short note to tell you all that papers are up in all the departments for posts on the Wellsoc Committee. Be you a failed hack who has come off the worst in recent Union elections or that much maligned entity 'the average IC student', this is your chance to do something really worthwhile.

Also coming up soon is the Wellsoc Annual Dinner, which will not be a Mooney. Instead it will be held at the Penta Hotel on Thursday, March 25. Prof Laithwaite will be the main speaker and Martin S. Taylor will be dazzling everyone with his magic. Excellent value at £9, from Mike Sturgess via Chemistry UG pigeon-holes or at lectures.

Speaking of lectures, be sure to be at next Monday's lecture on Houdini by Larry Barnes from the Magic Circle, who will be demonstrating a few escapes. We shall have a film for our AGM on March 22, *Eraserhead*, which is a brilliant black comedy, very well made, free to everyone at the AGM.

Edmund Kean

Edmund who? — Kean: the most famous Shakespearean tragedian ever to set foot on stage. A couple of weeks ago was the 168th anniversary of his first performance as Richard III at Drury Lane. "One of the finest pieces of acting we have ever beheld, or perhaps the stage has ever known," wrote the Morning Post. Lord Byron went even further: "Life, nature, truth — without exaggeration or diminution."

This most famous tragedian, whose name will now trip lightly off your tongues, will it not?, was as potent off the stage as on; he sometimes boasted of having three women during a performance—the audience having to wait until he had finished.

"Well?" you say.

"Well, so now you know."

Industrial

G'day everybody! Long no see, eh? Well, blame the elections for our non-article last week. I hope you enjoyed Sir Kenneth Corfield's 'Do' on Tuesday, if you knew about his visit!

Din-dins! Yes folks, we're having a Dinner on Monday night (March 15). It's to be at West Centre Hotel, Earls Court, so meet there at 8:00, £6-7 a head.

All those who went to the *Daily Mail* (and were 'bombed') don't forget you're going again on Wednesday, March 17, in the evening.

Wine

Next Tuesday is the Cheese and Wine Party and AGM (6:00pm, Union SCR). Anyone interested in standing for a post on the committee should contact me (Dave Marshall) as soon as possible.

Fifty people braved the Wine Soc Dinner last Tuesday (preceded by a Californian wine tasting) and a good (alcoholic) time was had by all. After tasting six Californian wines (and contrasting French and Australian wines) we proceeded through four quality wines and port with the dinner.

Next week we have planned a vineyard trip to Kent (yes wine is made in England!) followed by another dinner in an idyllic riverside setting.

United Nations

This Tuesday we're showing a film in association with Anti-Apartheid Soc *Generation of Resistance*—a documentary about the struggle of black South Africans to obtain political status in South Africa.

In the next couple of weeks there will be a talk given by a representative from the Canadian High Commission and at the beginning of next term we'll be having a speaker from the South African Embassy itself. I hope you'll come along to all these meetings as they should be very interesting and informative.

Finally, I'd like to urge you to support the Left Alliance which has been set up in College and is at the moment campaigning in support for Anti-Apartheid.

SF Soc



As the Mann himself is away, I'm lumbered with writing the bulletin.

Advance warning—next term, on May 4 we will be showing *The Rocky Horror Picture Show* with all the trimmings. All those in appropriate fancy dress will be admitted free. This will be immediately followed by our AGM, so if you would like to help run a great soc next year, come to a Thursday (1:00pm, Green Comm Rm) library meeting, and let this year's lot know. They are the bunch pictured above (below, left or wherever Mark put the picture) with Chris Priest and Lisa Tuttle.

That's all folks!

Raven, *Swordmistress of Chaos*

Stop Press: We are showing *Carrie* on March 16, in ME220 at 6:30pm.



Tickets are still available for the Annual Dinner on March 19. We have gone to quite a lot of effort to get you an edible (i.e. non-Mooney) meal, so we would like to see as many people there as possible. Either ask your dep rep or come to the union office and say that the tickets are in the Hon Sec's pigeon-hole (but not in the biblical sense).

Meanwhile, Rag limps on after a fashion. On Wednesday afternoon we will be sending people all over London to sell Rag Mags (RCS Office, 2:00pm) and the week after I hope to take a minibus to Guildford.

The Mopsoc AGM will be held on Tuesday, March 23, so all members go along to vote.

Finally, if anyone would be interested in editing the RCS Handbook for next year, don't hesitate to come and see us.

Phil



City & Guilds

On Sunday, March 14, there is the Soccer Sixes leaving Beit Arch at 11:30am. That evening there is the Soccer Sixes/Rugby Sevens Barnite. Everyone welcome in the Union Bar from 7:00pm onwards.

On Monday, March 15, Manifesto Guildsheet comes out—read it carefully before voting on Thursday, March 18, at the election UGM at lunchtime. See you there.

THE PIMLICO CONNECTION

Tutoring at the schools on this map:-

The Pimlico Connection started six years ago when twelve electrical engineering students went to tutor at Pimlico Comprehensive School (hence the name). Since then, the project has steadily developed, and now the opportunity exists for ninety people to take part, each year, in five different schools.

What is tutoring and why do it?

The main purpose of students acting as tutors is to provide added interest, help and attention for pupils in the classroom, laboratory or workshop. Since we are closer, both in age and outlook, than many of the teachers, and as we are pupils ourselves, it is easier for the kids to ask questions and receive much needed extra attention.

In no way does tutoring involve looking after a class of 20-30 kids on your own. The whole point of tutoring is to provide more individual attention. Usually there is one tutor to every four or five pupils in the class and the teacher should always be present as s/he is responsible for discipline and safety.

To date, every student who has been a tutor has found it a thoroughly enjoyable and stimulating experience. Personally, I feel I have learnt as much as I taught, not so much about

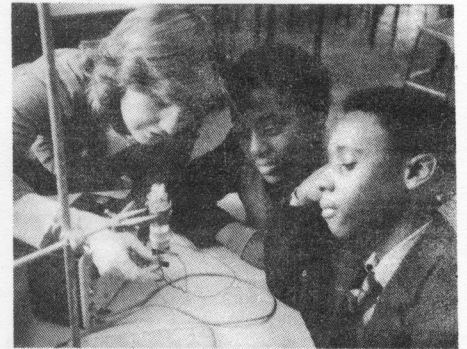
the subject, but about communicating, about myself, about kids, and about the education system.

Some of the experiences of other tutors (below) provide an indication of the sort of things we have been doing. Currently we tutor in science, engineering, maths and electronics at nearly all levels, from primary to sixth form, so if you like you can choose a subject and age group to tutor in.

Women students are particularly needed in science and engineering classes to tutor girl pupils who often think 'batteries, wires and things is boys stuff'.

If you think you might like to take part don't hesitate to get in touch.

**GianCarlo
Aero 2**



Science Tutoring

After two years of totally wasted Wednesday afternoons, I felt I should take my last chance to become involved in something at College that was useful but non-academic. The Pimlico Connection provided just what I was looking for. It was an opportunity to find out what education means to the majority of kids in London, give a helping hand to them and to the teachers and to have a lot of fun.

I tutored science (biology, chemistry and physics) to fourteen year olds. There are normally two or three tutors to a class of about twenty-five. Most of the children I met were very friendly and cooperative and obviously enjoyed science lessons more with our help. There is a definite tendency for the girls to prefer biology and the boys physics, but women tutors do help to kindle the girls' interest in all aspects of science. There is much scope here for the Pimlico Connection to achieve even more success. I managed to convince one girl that if she wanted to become a nurse, qualifications were important, and her interest and hence quality of work improved after this. It gives great satisfaction to feel you have helped these kids, who may not have had the same chances as you or I, to see that science is interesting and worthwhile in terms of a possible career.

**Jackie Wood
Man Sci 3**

Holland Park



Fox Primary School

This year has been the first year which we have operated at a primary school. Fox was chosen because it is a "feeder" school for Holland Park.

At the beginning we had immense practical problems since science, as such, is not taught in primary schools. What are we meant to do when we walk into a class of ten year olds for an afternoon with the intention of 'tutoring science'?

Fifteen weeks later, I finally think we are operating the scheme as it should be. As an example; when there was lots of snow about we spent two weeks studying the different states of H₂O, in terms of temperature, volume, textures, taste and appearance. It might sound basic but it is in fact very useful for the children and great fun for everyone.

**John Hughes
Elec Eng 2**

Engineering Tutoring

This was my first year with the Pimlico Connection and to begin with it was strange acting as a tutor compared to being tutored as at College.

The subjects we helped were woodwork, metalwork and technical drawing; metalwork proving the most popular amongst the pupils. The atmosphere in the workshops was always friendly and we found it easy to get on with the kids who were all fourteen year olds. We were always kept busy sorting out problems and helping with the work and in connection with this, I think it is necessary to have some basic knowledge of workshop techniques. I must stress that the emphasis is on helping and not teaching. It seemed our main aim was to interest the kids in their subject and promote enthusiasm and for this reason, we took a couple of classes down to British Aerospace for a factory visit which was good fun for all. The kids certainly found the

lessons more interesting and enjoyable with the tutors and it made a refreshing change for Wednesday afternoons.

**Jonathan Wheeler
Elec Eng 2**



Pimlico

Stockwell Manor

Sir Walter
St John, Battersea

To take part in 1982-83:
No previous experience is needed.

Time involved:

1:30-3:30pm (approx) Weds afternoons in Autumn and first four weeks of spring term.

Just come along to one of our regular Tuesday lunches in Elec Eng 606 or contact Dr J.S.R. Goodlad, Elec Eng 501 (int 3080) or Giancarlo Marcheselli, Aero 2.

Special introductory meeting Tuesday, March 16, 12:30, Elec Eng 606.



The arts, and science and technology

by N. Willson

When the teaching of technology was expanded in the sixties, an entire new system was created for it—the polytechnics. The idea seemed to be that universities mustn't be associated with too much science and technology, that the creation of technical universities would be somehow wrong, as if the very term 'technical university' is a contradiction, like 'open prison'. The whole idea of a university education goes with the arts rather than the sciences, especially engineering. You can have a university without science and technology but not one without the arts.

Why do the arts (especially history and literature) tend to be more attractive to an academic mind? To start with, the arts are easier subjects to study; arts students don't have to do so much work. Of course it's easy to be biased about this at IC, but not many arts students could seriously complain of being overworked compared with us. But in any case the amount of work involved isn't very important—look how popular medical courses are.

What's much more important is the fact that science and engineering are *useful*. Why should usefulness put people off? It isn't true of course that it always does; doctors are useful and they're highly respected. But in general luxuries are more interesting than necessities. A painting of a landscape is more interesting than a textbook about soil mechanics. And

artists can only preserve their work because someone else is learning about soil mechanics. An academic sitting in a library making notes on the significance of prefixes in Sanskrit philosophical terminology (I haven't made this up) can only do this pleasant work because other people who went to IC (or somewhere) to study technology have supplied him with the table, the chair, the pen, the building and the transport to bring him the food he eats. An artist benefits from the work of technologists, but they don't benefit from his, except in such a way that the artist can think of himself as enlightening them. He can plausibly regard his work, or rather the work of artists in general, as the real aim of civilisation, its best and highest purpose. The technologists do the drudgery work while the artists are creative.

Look at it from another angle. Technical courses (science as well as engineering) are seen as beneficial almost entirely for utilitarian commercial reasons. We need engineers and scientists, so it's thought, because the UK needs to make cars and record players better than the Japanese. We don't need technology for any enlightening reasons, but because it's good for our balance of payments. Naturally it doesn't do to put it as crudely as that, so politicians and some organisations (such as the Industrial Society) try to dress it up a bit. But it comes across clearly enough to anyone who's at all intellectually inclined, like an arts student.

(Why does IC have a department of humanities? It's mainly because of intellectual snobbery and it's tied up with the reasons outlined above. You come to IC to learn about amplifiers or rolling mills, so as to get a degree, a sort of job voucher entitling you to work for RTZ or the Chemical Defence Establishment. It doesn't fit in with the idea of a College being a seat of learning for its own sake. So the humanities department has been added as a kind of cosmetic to make IC look more highbrow than it really is.)

Easily the most important reason why people prefer art subjects to science enormous difference in the scope of the subjects studied by artists and scientists. It's the difference between the workings of an electric motor and the workings of history. An artist considers the significance of the Russian revolution or the novels of Swift while a scientist studies thermostats or bile secretion. The artist can think of big, dramatic issues while we usually study very specialised subjects. (That's why an artist's work is often a scientist's pleasure—like reading or painting—but rarely the other way around.) This means there's a great difference in the outlook expected of artists and scientists. Most of what

we have to learn at IC are routine skills—how to use an oscilloscope, how to solve a type of equation, how to dissect rats. All you're expected to do is learn what the method is so that you can apply it when you have to, semi-automatically, practically without thinking. But an artist doesn't push buttons on a calculator according to a formula in front of him, he can challenge the accepted wisdom and choose between competing schools of thought. In the arts you're expected to think for yourself much more than you are in science and technology.

What about engineers and scientists? What do they think about the arts? By and large, the attitude at IC to the arts, public events, modern history and so on, is a mixture of apathy, boredom and contempt. There's a vague, semi-instinctive feeling that it's pretentious to be involved in anything intellectual or 'arty'. Ask a student here if he's interested in politics (say) and you'll get various kinds of answers, but rarely will the answer be 'yes'. A lot of people will be hostile to the notion that they should interest themselves in current affairs or the arts. The general feeling is that the arts are for pratts.

And why not? After all, most people who are interested in the arts *are* pratts; they're usually pretentious, arrogant and self-important (and for the more extreme ones, narrow minded and intolerant as well.) (The most repulsive feature of politics in particular is the atmosphere of dishonesty that surrounds it. Most politically-minded people have pre-programmed themselves to accept an argument or a fact only if it's favourable to the party line—look at the controversy over London Transport's fares.) The art and politics, are activities where arrogance and pretentiousness can flourish. It's probably because you need hardly any technical skills to become involved in them. Pseuds will feel drawn towards the arts because they sense that they'll provide a better outlet for their pretentiousness than (say) operating a milling machine. So any intellectual, non-technical activity tends to be dominated by pratts—look at the House of Commons.

It's an uninspiring picture that comes out of all this. Artists regard scientists and technologists as unimaginative, unable to see beyond the ends of their noses, too involved with boring subjects like electricity. Scientists and technologists regard artists as pretentious, incapable of changing a light bulb, too involved with boring subjects like Bauhaus modernism. Science students and arts students look down on each other, and they both have good reasons.

KEAN

A play by J-P Sartre.
Translated by Frank Hauser.

Union Concert Hall.
Wed 17 to Sat 20 March at 7:30

Tickets £1.00 on the door.

A Dramsoc production.

Not enough time to go to concerts?
Come to one at College instead!

Consort Chamber Orchestra
Wednesday, March 17, 1:00pm,
Great Hall
Admissions free!

Pachelbel: Kanon
Vivaldi: Violin Concerto Op 12 No 1
Soloist: M. Abraham
Bach: Harpsichord concerto in f minor
Soloist D. Wisniewski
Everyone welcome!

International Week

Programme of events

Next week, March 15-20, is *International Week*. During this week the cultures and traditions of people from all over the world will be portrayed. Here is a list of events.

- Monday 15 Chinese Evening, where various Chinese foods and delicacies will be served. (Union Lower Refectory) 6:00 — late
- Tuesday 16 Afro-Caribbean Night. Have some rum punch and listen to a talk on 'Blacks in Britain' given by a lady from 'Race Today' magazine. Also a slideshow. (Union Lower Refectory) 7:30 — late
- Thursday 18 International Fair—a cultural exhibition from all over the world. 1:30 — 4:30
- Thursday 18 Pakistani-Sri Lankan-Indian Society Show. (Union Lower Refectory) 7:30—late
- Friday 19 Greek-Latin American-Cypriot Party with live show. (Union Refectory) 8:30pm—3:30
- Saturday 20 International Evening Supper, cultural display and disco. 7:00pm—2:00(JCR).

Make every effort to attend as many of these functions as possible as they are for your enjoyment.

Free Sherry!

RCSU Third Year students are invited to meet members of the Royal College of Science (old students and staff) Association
18:00, Thursday, March 18
Southside Senior Common Room

Learn about the Association and find out how you can benefit by joining.

Bookshop News

Diaries All 1982 diaries are now half-price. You still have ten months to go!

As you know I try to keep you all up-to-date with new titles written by people in some way connected with the College, this week I would like to mention a book that we, the Bookshop get asked for from people all over the world. *Battery Car Conversions*, £2.80 B.J. Prigmore — F.C. Wykes — A.T. Freeman.

This book is now in its second reprint. Though there are many books on battery vehicles, none of them provide the background needed by those who wish to convert existing cars. Once a battery car is available and running, it can become a test bed for bright ideas. What is needed in wider circles is the service experience arising from the conversion. The authors have perhaps unwittingly created what we call a truly international book.

New Titles

Beyond the Pail - Chris Tarrant & John Gorman, Eel Pie £2.50

Barbara Woodhouse's Book of Ponies Kestrel Books £3.95

Ecology for Beginners - Caroall & Rankin, Writers & Readers £1.95

Policeman's Progress - Harry Cole, Fontana £1.50

Champions Story - Bob Champion, Fontana £1.50

Dragonslayer - Wayland Drew, Fontana £1.25

Turtle Beach - D'Alpuget, Penguin £1.50

Radiance - Anne Maybury, Fontana £1.35

Gay Phoenix - Michael Innes, Penguin £1.25

Copper Gold - Pauline Glen Winslow, Fontana £1.50

Innocent Blond - P.D. James, Sphere £1.50

Congo - Michael Crichton, Penguin £1.75

Don't forget Mother's Day, March 21. Suitable cards now on sale.

RHYTHM'N'BOOZE in Southside Bar.

LIVE MUSIC + CHEAP BEER.

Music from:

THE RED SHARKS

at 9p.m.

plus: cheap Directors.

FRIDAY, MARCH 12th.

OLD CENTRALIANS



Prof. G.G. Haselden ACGI DIC

Presently appointed to Brotherton Chair of Chemical Engineering at University of Leeds
Founder chairman of the British Cryogenics Council

President of the Institute of Refrigeration
Chairman of the Research Committee of the Institution of Chemical Engineers.

Educated at City and Guilds College (Chem Eng dept) 1941-44.

This man is an Old Centralian—how about you?

For further information contact:

Helen Brookes, Room 303, Sherfield Building,
Mike Richardson, City and Guilds Union Office,
Mechanical Engineering dept.

BUNAC
IN CONJUNCTION WITH **I.C.** PRESENTS **THE GODFATHER**

SOMEWHERE IN **I.C.** YOUR **BUNAC** REPRESENTATIVE PONDERS...

MY GOD, WE'VE ONLY GOT 2,100 MEMBERS SO FAR. WHAT ARE THE OTHER 5000 **I.C.** STUDENTS GOING TO DO NEXT SUMMER?

SO HE GOES TO SEE THE GODFATHER!...

GODFATHER I NEED YOUR HELP. THE STUDENTS AT **I.C.** WHO ARE NOT MEMBERS OF BUNAC...

DON'T WORRY YOU SEND THEM ALONG TO ME AND I MAKE THEM AN OFFER THEY CAN'T REFUSE

BUT ONE DAY YOU MUST DO ME A FAVOUR

SOME DAYS LATER TWO **I.C.** STUDENTS STAND IN TERROR BEFORE THE GODFATHER

THE GODFATHER REACHES INTO HIS JACKET POCKET!

AND TAKES OUT... HIS **BUNAC** HANDBOOK!

WHY YOU NOT A JOIN BUNAC, EH?

WE'LL GET JOBS IN ENGLAND, OR SIGN ON THE DOLE

SUMMERS A LONG WAY OFF GODFATHER!

LOOKA HERE KIDS!

OH, NO GODFATHER WE'LL DO ANYTHING!!

IT'S A GUN

I'M A GOIN TO MAKE YOU AN OFFER YOU CAN'T REFUSE

THE OFFER

SIX MONTHS LATER...

SOME MONTHS LATER...

WELL RICHARD THIS WORKING HOLIDAY IN AMERICA SURE BEATS BEING KNOCKED UNCONSCIOUS AND THROWN OFF A CLIFF!!

YES JANET, GETTING A SUMMER JOB IN THE U.S.A IS WORLDS APART FROM ONES WE WOULD HAVE GOT BACK HOME

I WORKED AS A WAITRESS IN NEW YORK

AND I WORKED IN A SHOP IN FLORIDA GODFATHER, THEN WE MET UP AND TRAVELLED AROUND AMERICA

SO WHY'DA COME TO SEE ME

HE LISTENS.....

BUNAC
U.S.A & CANADA

THE FAVOUR.....

I WANT A WORKIN' HOLIDAY IN AMERICA, HOW DO I JOIN BUNAC?

WELL, YOU SEE GODFATHER, WE'VE ONLY GOT 2,400 MEMBERS SO FAR THIS YEAR AND LOTS OF STUDENTS AT **I.C.** ARE NOT MEMBERS YET.

HE'LL TELL YOU

OKAY, I MAKE THEM AN OFFER THEY CAN'T REFUSE, BUT YOU GOTTA DO ME A FAVOUR.....

ANYTHING, GODFATHER

YOU NAME IT GOOFATHER

YOU CAN JOIN **I.C.** BUNAC AT ANY OF ITS MEETINGS

YES WE MEET GREEN COMMITTEE ROOM (UNION BUILDING, TOP FLOOR). FRIDAY 12.30 GET DETAILS THEN

D.A. SINCLAIR '81

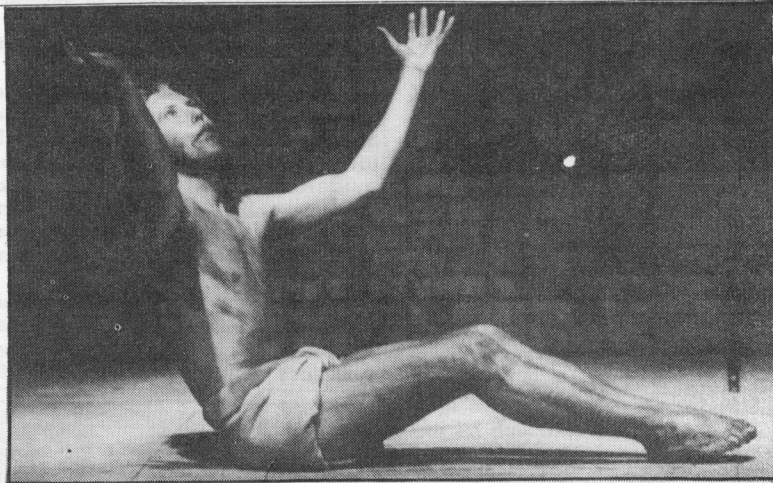
Reviews

Theatre

Edward II, by Bertolt Brecht (after Marlowe). Presented by Foco Novo Theatre Company and directed by Rees at the Round House Theatre.

The Round House, London's unique Victorian engine shed, built by Robert Louis Stephenson in 1847, and which serves as a bold and imaginative centre for theatre, visual arts, music and dance, is the venue for Brecht's *Edward II*. The play is one of Brecht's earliest, coming soon after his first play *Baal* which was presented by the BBC last week with David Bowie in the title role. *Baal* was written in an incredible four days when he was a student of natural sciences at university.

Brecht re-examines Marlowe's story (Marlowe was Shakespeare's most important predecessor) and in place of dignified royal and aristocratic figures he presents men of naked and brutal ambition. Marlowe's chronicle is turned into a ballad singer's chronicle play which is swept along by rough, robust and vigorous verse. The chronicle relates how Edward (played by David Dixon), and his homosexual infatuation with his 'favourite' Gaveston, causes him to abandon his wife and kingdom and take up arms with the barons. The most fascinating character in the work is Mortimer (played superbly by Ian Hogg). Brecht electrifyingly transforms him from a



The King (David Dixon) imprisoned in The Tower in Brecht's *Edward II*.

contemplative man of letters to a cunning man of war who becomes instrumental in bringing about the arrest, imprisonment and torture of the King.

The Round House's production is tremendously appealing to the senses. The coronation of Edward II in the opening scene is accompanied by the swinging incense burners and the mellifluous flow of a Gregorian chant. The numerous brief interludes are filled with the frenzied beating of drums which signal a kind of relentless war-cry and in the enclosed

space of the theatre pound against one's chest with an unnerving intensity.

An outstanding production of one of Brecht's earliest plays, with superlative acting, it is if anything too short. One wishes one could establish a little more emotional rapport with the characters.

Performances end tomorrow, and the theatre is next to Chalk Farm tube station on the Edgware branch of the Northern line.

Nick Bedding

Playing the Game by Jeffrey Thomas. Directed by Gruffudd Jones. Arts Theatre.

The game is rugby of course, Welsh rugby at club level. However, there is not a hooped shirt, jockstrap or peculiar-shaped ball in sight. *Playing the Game*, written by emigrant Welshman Jeffrey Thomas, features not the field, changing room and local hostelry, but the bedroom and club committee room. The subject matter is the sexual psychology and power politics behind the scenes of the all-male preserve of the rugby club.

The play is presented by the Theatr Clwyd Comp. Wales' leading English language drama company, which celebrated its sixtieth birthday on St. David's Day earlier this week.

The image of the rugby club is of a traditional organisation resistant to change, epitomised by the men's fear and loathing for women. Male weakness is shown in every possible guise from repressed homosexuality and impotence to cuckoldry and open violence.

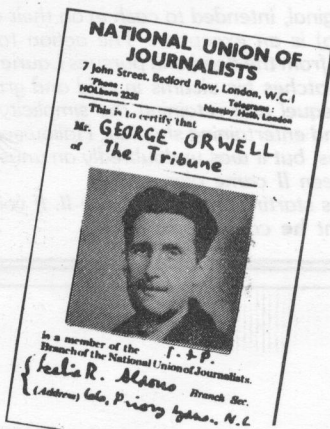
Martin Howells plays Kevin, the apparently radical club treasurer who proposes that women be admitted to the clubhouse, whilst cunningly manipulating the rest of the committee (comprising Rory Hale as Secretary, Michael Hughes as Chairman, and Christopher Barr as Captain) to his own ends, by exploiting their naivety, weaknesses and blunders.

Despite this total lack of any worthy male attributes this is not a feminist play as such. Women are represented by Arbel Jones as a professional stripper, and the Chairman's wife (played by Susie Johns) who has apparently "had so many men through her that they were thinking of naming a turnstile at Cardiff Arms Park after her."

I would recommend this play as light entertainment for an evening out. Regardless of the ticket discount for members of rugby clubs, as well as students, it is not necessary to understand or appreciate the game in order to enjoy this production, which continues until early April.

Nick Hill

Book



The Collected Essays, Journalism and Letters of George Orwell, Volume 3 'As I Please' 1943-45, Penguin £3.95.

Nearly all great writers are boring. If you try the big names like Dickens, Dostoevsky, Tolstoy, Chekov, Kafka, Solzhenitsyn and so on, you'll find long stretches that are very heavy going. (From the point of view of getting recognition from the literary establishment, being boring is probably an advantage for a writer. Then the academics who decide to like him can feel that they're a select few.)

But even the blurb on the cover is an understatement when it comes to George Orwell. He wasn't only a brilliant writer in the technical sense, but he also took a completely different approach from the one writers usually took in the thirties and forties. That is, he didn't ignore awkward facts and he tried to make his opinions fit the facts rather than the other way round. He didn't accept the widely held doctrine that the end justifies the means, and throughout his writings there's an atmosphere of fair mindedness, a willingness to look at both sides of the argument.

Orwell wasn't afraid to discuss awkward questions (the conservation of the working class, reprisals against German PoWs, the show trials, etc.) no matter how frowned on it was by the prevailing orthodoxy. What's more, he spent a lot of his time attacking the Left, even though he was himself a socialist, because their conduct frequently disgusted him; "...they think entirely in terms of power politics and competitive prestige. In looking at any situation they do not say 'What are the facts? What are the probabilities?' but 'How can I make it appear to myself and others that my faction is getting the better of some rival faction?'" This is the sort of writing that made him unpopular with people who were nominally his allies but whose outlook was completely different.

Orwell wrote some of his most effective work when he was trying to discredit the totalitarian 'realistic' inclinations of the intelligentsia but it has to be said that when he tried making original, practical suggestions he was sometimes pretty silly. "... (A) national accent — a modification of cockney, perhaps, or one of the northern accents — should be taught as a matter of course to all children alike."

About three quarters of this collection is made up of the regular articles called 'As I Please' which Orwell wrote for *Tribune* while he was its literary editor. Letters, book reviews, articles for newspapers and some long essays make up the rest. Apart from the political essays there's an enormous range of what you might call cultural pieces with subjects going from how to make a perfect cup of tea to the unattractiveness of the UK as a tourist resort. The style is always very readable and clear and as the blurb says George Orwell "possessed an unerring gift for going straight to the point". This is one of the best books in the English Language and I can't recommend it (and the other three volumes, and the rest of Orwell's books) too highly.

N. Willson

On Golden Pond

Certificate A Starring Henry Fonda, Katherine Hepburn, Jane Fonda Directed by Mike Terry. Now showing at Odeon Haymarket.

The prospect of a film starring two Hollywood veterans about the generation gap and old age is superficially not very interesting. But when it turns into a beautifully crafted black comedy its appeal is greatly magnified.

On Golden Pond is sentimental and unashamedly so; Henry Fonda plays Norman Thayer a retired professor approaching his eightieth birthday who returns to his usual summer retreat, Golden Pond, with his wife Ethel (Katherine Hepburn). They dust off the cabin and are soon joined by daughter Chelsea (Jane Fonda) and her boyfriend Bill Ray. The deposit thirteen-year-old son Billy who is left to deal with the crochety Norman while his father and Chelsea take a trip to Europe.

Henry Fonda gives a genuinely brilliant performance as Norman Thayer. The old man is stubborn, offensive and has a great line in abuse. He jokes continually about death and is bitter and cynical about everything (including his daughter) until he encounters Billy. The two grow to respect each other and the generation gap is seen to be bridged by a mutual respect for their differences.

The film has been nominated for ten Oscars, including Best Picture, Best Actor, Best Actress and Best Supporting Actress. In my book it certainly rates above *REDS* for best picture and I feel that to deny Henry Fonda Best Actor would be a crime; he fully deserves it, despite having been awarded an Honorary Oscar only last year. Katherine Hepburn warbles her way through the picture and Jane Fonda supports adequately, but I doubt if they will win awards.

This is the film that should sweep the awards ceremony though—don't miss it!



Many of you will, no doubt, be familiar with Simon Bond's best selling book *101 Uses of a Dead Cat*, which brought its author overnight fame and a series of abusive complaints from cat lovers the world over.

His latest collection *Unspeakable Acts* continues much in the same vein. In this case we are subjected to some of the blacker areas of human temptation—convicts use the body of a dying prisoner as a punchbag, and grandpa gets a box of Havana cigars for Christmas, despite his oxygen mask. People perform all sorts of dastardly deeds, ranging from a doctor's sneaking temptation to chill his stethoscope in an ice-bucket to a Romeo peering up Juliet's skirt on the balcony.

The criticisms of the book are simple; I find Bond's style of drawing shows little variation or imagination, half the ideas are very good and the others are very bad (with none in-between) and the book seems over-priced.

There are certainly some clever and funny 'sick' jokes included, which fans of *101 Uses* will enjoy. But I doubt whether this book will add to Mr Bond's present following.

Mark Smith

Mad Max 2 Certificate X Starring Mel Gibson Directed by George Miller.

A film that in its welding of violent, sexual imagery underlaid with crude wit and a refutation of charm is a culmination of twentieth century paranoia.

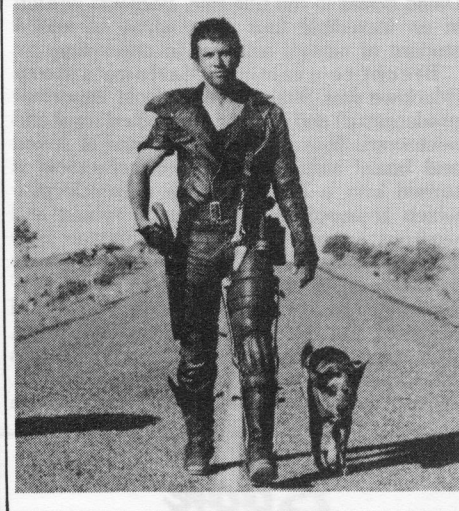
Max shares a post-nuclear war Australian outback with other motorised eccentrics against whom he continuously pits himself, justifying his killing with some hopelessly outdated illusions of 'justice'. Max is the individual against an arbitrary barbarian horde, a god-head to himself in a godless scenario, a weight he and his bike seem fully committed to bear.

Both plot and characters are sustained by action which of itself raises questions which the characters never confront leaving them embedded disturbingly in the body of the film.

All individual characters except Max and his faithful dog are ultimately dispensable in form, with Max's mad, violent vision, derived from pre-holocaust assumptions, requiring only the occurrence of character to construe action.

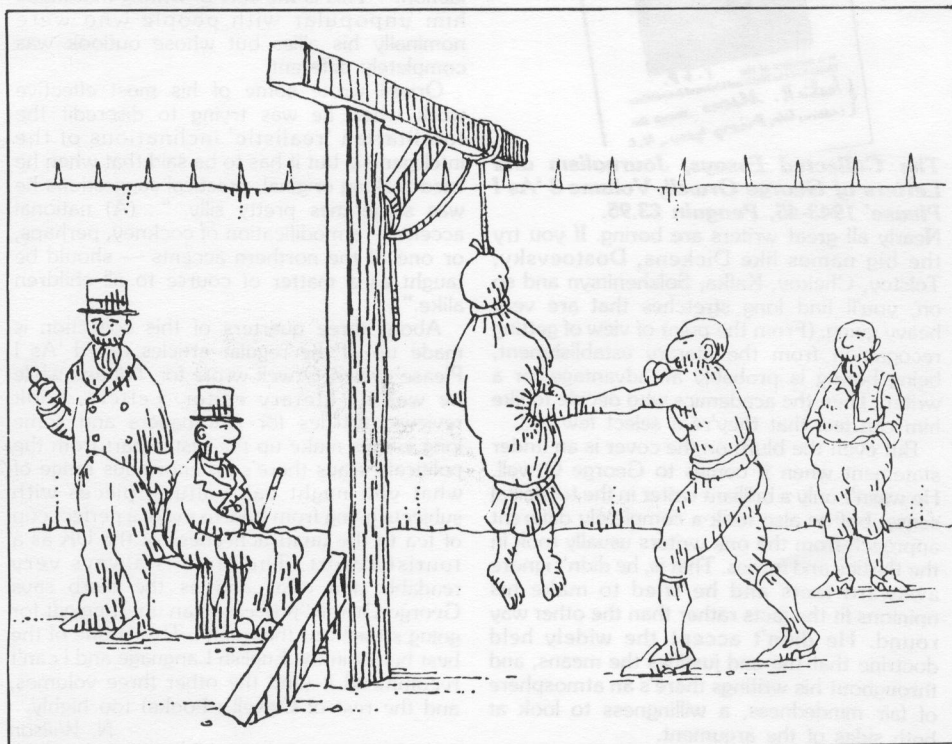
Max eventually ends up defending a type of city state which has sprung up around an oil well in the irradiated outlands, oil, in the age of degenerating mechanism, being the most sort-after asset, and which provides, for Max, a mitigating circumstance, of sorts, for the ensuing slaughter as he decimates the hallucinogenic assortment of bikes, ranging from the strangely punk-like, mohicans and bondage, to stylised gladiators, who are laying siege.

A technically accomplished, trash film which, if you can stomach the descent into violence, fills an evening.



Most sequels seem to be poor imitations of the original, intended to cash in on their original success. *Halloween II* (X, Warner, Classic, Studio) is an exception. The action takes up where *Halloween* left off; the monstrous shape rises from the dead and pursues Laurie (Jamie Lee Curtis) to Haddonfield Hospital where he despatches his victims in cold and gruesome style. By acting as a continuation rather than a sequel and retaining the simplicity of the original Rick Rosenthal has produced an effective and entertaining shocker. *Halloween* has a lot to answer for in that it started a flood of imitations, but it was undoubtedly an unusual film whose appeal has not been matched until *Halloween II* came along.

If you haven't seen *Halloween* it's a little pointless starting with *Halloween II*. If you have, don't pass up the chance for ".....more of the night he came home".



SPORT

Cross Country

The National Cross Country Championships were held last Saturday in Leeds, and a group of IC runners took the specially chartered train to attend the event. Although it was a fine and clear day in London, in Leeds a strong wind blew with a light rain accompaniment.

Team quality was marred significantly by the fact that most, if not all, of our best runners are injured in one way or another at present.

This then is the excuse for our junior team comprising J. Frost, R. Morrison, E. Jones and A. Powell finished 430th, 462nd, 476th and 477th respectively out of a field of about 550 over the six mile course.

Only two seniors managed to come to the event, R. Weston and I. Matthews, who came 1440th and 1520th respectively out of a field of about 1800 runners over their nine mile course.

The day as a whole was quite a success with entertainment on the return journey consisting of a comprehensive study of the dimming characteristics of British Rail electric light bulbs over a three and a quarter mile journey.

Lastly I would like to note that the photographer at the Hyde Park Relay was Fred Popplewell whom I neglected to thank last week.

Hockey

Seconds

Dear Marge/Lesley

This friend of mine has got a problem, usually he is used to going out on a Saturday afternoon and giving the opposition a severe thrashing. This week however his confidence has been undermined after a defeat by Richmond, a really awfully nice bunch of chaps. He and his team had to cope with a most disturbing set of circumstances—would you like to be playing hockey at the London Welsh RFC ground on the day of the England/Wales rugby international? Having everyone for miles around you drunk, when you have got to go and play hockey does no good to the nerves. My friend's nerves were further jangled when Richmond scored twice within the first ten minutes, with the added stress of playing on an all-weather pitch, he and his team-mates did well to keep playing.

Eventually goals from Simon Witter and Simon Gray levelled the scores, only for Richmond to score the winner very near the end. This of course was just too much for my friend—I wonder if you can suggest an institution or a rest cure—I was thinking of Barbados myself, or maybe the Seychelles....

Yours Hopefully

Worried of Kensington

Team: Butler, Jones, Cunningham, Rhodes, Roessink, Stroomer, Witter, Gray, Farmer, Wylie, Mitchell.

Sports Editorial

Don't forget: Sports Day — April 28.

This event has not been well attended in recent years. However, this year we hope it will be a far more prestigious event, and have bought loads of dead expensive new trophies and medals for winning teams and individuals.

Entry forms are available from ICU and CCU offices. Please fill these in and return them by Friday, March 19.

C&G 6s and RSM 7s — This Sunday, March 14. Entries are welcome from any department and year teams—please see your CCU. Coaches leave Beit Arch at 11:30am.



Rugby

Seconds

In extremely blustery conditions, Imperial played into the wind in the first half on a cool Saturday morning. They worked well with a team showing a number of changes. The second row combined well in the tight to produce some good possession in often difficult circumstances and Mark Johnson was especially vigorous in the loose.

The first try came from J. Paixao after fine play from the backs with Chapman actually moving the ball. Reading replied with a penalty late in the first half after the solid Imperial defence held up against persistent pressure.

Playing with the wind in the second half, there was some excellent tactical kicking from Boucher at fly-half and constant attacking produced two tries. One was by Hudson who later converted Pike's which was under the posts. More points should have been scored by Imperial who were encamped in the Reading half for the remainder of the match.

Team: I. Magnus, M. Winsor, G. Pike, W. Chapman, O. Miles, J. Boucher, J. Paixao, J. Hutton, C. Cola, S. Bell, M. Jackson, N. Welham, E. O'Connor, M. Hudson, P. Hughes-Narborough.



Water Polo

Last Saturday IC Water Polo team took on Oxford University in an interesting match which was characterised by excessive verbal and physical violence.

The match started badly for IC, and matters were not helped by the fact that Last and Ashwin were both still suffering from a lunchtime session. We went 4-1 down after two quarters, despite some good play by Burnett in goal; our only goal was a penalty from Leach, Garton as usual not keeping his cool very successfully, was sent out yet again, for the fourth match running, and Ashwin was involved in a brief slanging match with an opposition player.

The last two quarters went rather better, as our two drunks sobered up and our attack became better organised. Boucher started a fight in the shallow end, just to keep the match lively, and shortly after that our second goal was put in by Last while Leach restrained the man marking him.

However, our improvement was not enough to make a full comeback, and the game ended as a disappointing 6-2 defeat for IC.



Football

On a windy spring afternoon the First XI strode boldly onto the pitch, accompanied by those nice quiet boys from Goldsmiths.

As per usual IC lost the toss and consequently kicked off, the whistle being drowned by the raucous, mainly drunken Goldsmiths supporters. A frantic start to the match was well illustrated by Reeve's blatant, but entertaining tackle/foul.

After ten minutes, Goldsmiths opened the scoring, with a beautifully fluent move from IC. Lay hit a screaming forty yard ball to Niccolls who completely miss-hit it to Reeve, who promptly finished, lobbing the mouse-like Aled Williams.

The game continued from crunching tackle to stiff talking to from the ref to even more crunching tackle. The worst/best example was the late-ish tackle on Steve Ward, the IC Captain, by a Goldsmiths forward, which resulted in him getting a stiff left-hook from said captain!

However, minutes later his revenge was sweet. Dunhill turned the ball back to the edge of the Goldsmiths penalty area where Ward had beat the advancing defence. Instant control and a cool clinical lob left the goalkeeper stranded with Ward racing away to acknowledge the adulation(?) of the Goldsmiths crowd.

As the final seconds of normal time ticked away, Williams was twice called upon to make cat-like saves to keep the scores level. The final whistle blew, heralding extra-time.

During the first half of extra time IC began to dominate. This was helped by the opposition falling down like flies with cramp. IC finally reaped the reward of their efforts as Rickard thundered the ball into the net. The second half saw 'controlled' defence by IC, as Steve Ward cleared the ball out of the stadium. The final whistle brought ecstatic scenes as the nearly hoarse supporters joined the team in the celebrations that continued late into the night. The whole team would like to thank all the supporters who helped to send them on their way.

Team: A. Williams, J. Lay, S. Dunhill, K. Reeve, S. Ward, A. Page, P. Niccolls, D. Elsbey, M. Carr, D. Dean, G. Rickard, N. Elsbey.

Seconds

It was a bright, sunny day (morning). As the day broke IC Seconds turned up at the Union Lower Lounge in an assortment of dinner suits, Hawaiian shirts and knee length jeans. We arrived at Motspur Park just after 10:15am.

Then we kicked off (after Ron lost toss), kicking uphill against wind. They looked quite big, but we soon cut them down to size, after stringing a few passes together, we took the lead with a disputed goal (through Steve Rimmer) against the run of play. Soon after John Burns slotted another, and after a wind assisted QMC goal half-time arrived with the score 2-1 in IC's favour. The second half started very slowly, with QMC III giving as good as they got until Andy Hartland scored his first, this was soon followed by a rare header (by Rimmer) into the back of the net (from a John Burns throw in). Then Hartland scored his second, Veenman went off to be replaced by Flanagan and we won 5-1.

Team: Veals, Burns, Beer, Griffiths, Curran, Armstrong, Saunders, Wiggins, Rimmer, Hartland, Veenman. Sub Flanagan.

Editorial



Elections

The Returning Officer has decided that the challenge to election procedure at yesterday's Results UGM was unconstitutional.

This means that no *valid* objection to the Election Committee's ratification of the posts was lodged and hence, according to the constitution, Steve Goulder, Phil Greenstreet, Mary Freeman and Martin S. Taylor are deemed elected.

This decision will be very confusing to most

you. Marco Ledwold's decision was based on the part of the election rules which outlines criteria by which someone can challenge Election Committee's decision to ratify a post. Mr Julian Ranger's challenge did not meet these criteria according to the Returning Officer.

Collators

I should like to thank all my loyal, faithful friends, whoever they may be, for putting this edition together while I am out on the piss.

Further thanks to Paul Bailey for delivering it.

Cups

Following the Rugby Club's victory in the Gutteridge Cup, the Football Firsts and Seconds have both won the equivalent cups. These teams have all represented the College very favourably in these competitions and should be heartily congratulated. Well done! Keep up the good work.

- **Joint UN Soc and Anti-Apartheid Soc film** *Generations of Resistance*, 1:00pm, Huxley 213. 20p and members free.
- **Debating Society:** Debate on South African Students in College, 1:00pm, Huxley 340.
- **ICNAC AGM**, 1:00pm, HB341.
- **IC Amnesty group meeting**, 5:30pm, Green Comm Rm.
- **Wine Tasting AGM** followed by cheese and wine, 6:00pm, Union SCR.
- **SF soc film** *Carrie*, 6:30pm, ME220. 20p members, 50p other life forms.
- **Micro club lecture** with presentation by INMOS, 7:00pm, Huxley 145.
- **Dancing club beginners class**, 7:30pm, JCR.
- **Astro soc slideshow**, 7:30pm, Seminar Rm, Level 6M, Huxley. Free to members. Wine and cheese afterwards.
- **ICCAG Soup Run**, 10:30pm, Falmouth Kitchens.

Wednesday, March 17

- **Wargames club meeting**, 1:00pm, Union SCR.
- **Concert of music** by Vivaldi, Bach and Pachelbel, 1:00pm, Great Hall. Free. Consort Chamber Orchestra concert. Everyone welcome.
- **Anti-Apartheid group AGM**, 1:00pm, Union Upper Lounge.
- **Trampoline society meeting**, 5:30pm, QEC, Campden Hill Rd.
- **Dancing club intermediate class**, 7:30pm, JCR.
- **Industrial society visit** to the Daily Mail, 7:00pm, Beit Arch. Travel cost. Further details from Mark Skeates, Computing 2.

Thursday, March 18

- **West London Chaplaincy AGM**, 12:30pm, Union SCR. Lunch provided. Bring membership cards.
- **Scout & Guide Club AGM**, 12:30pm, Mines 303.
- **STOIC presents News-Break**, 1:00 and 6:00pm, usual places.
- **Christian Science group meeting**, 1:00pm, Seminar Rm, Level 2S, Botany.
- **ICCND film** *Future Tense*, 1:00pm, Maths 213.
- **Mech Eng Soc present** 'Britain's Economic Decline/Recovery?' by Prof G. Davis, Prof of Finance and Banking WIST, 1:15pm, Mech Eng 312. Free. Everyone welcome.
- **Dept of Humanities presents** a lunch time concert with The Kensington Nonet (Spohr's Nonet), 1:30pm, Music Rm, 53 Princes Gate.
- **Gliding club meeting**, 5:30pm, Aero 254.
- **Astro soc Lecture** with Dr R.L.F. Boyd on 'The Giotto Mission to Halley's Comet', 6:30pm, Physics LT2.
- **IC Radio AGM**, 12:45pm, Basement of 10 Princes Gdns. All members urged to attend. Any prospective new members welcome.

Wed to Sat, March 17-20

- **Play:** *Kean* by J-P Sartre, 7:30pm, Union Concert Hall, £1.00.
- **The Grand Duke** by Gilbert & Sullivan, 7:30pm, ULU Building, Malet St, £1.50 and £2.50. Presented by ULU Opera Society. Tickets on the door or from reception before date.

Alternative Publicity

Some of you may have seen piles of outrageous and scurrilous publicity around election time for "Porky", "J. Antichrist Chipmunk", and "FELIX Editor". After a quick search in Mr Steve Marshall's bin I discovered scraps of paper which displayed scribbled notes for the said sheets in his own handwriting. It's nice to see that Steve hasn't lost his wonderful sense of timing and wit—he even made it look as if one or two of the other FELIX staff did them. Tough luck sucker—caught!

Credits

Thanks to Ramzi, Nick, Peter, Steve, Martin, Caroline, Soheel, Dave, Lesley, Mary, Jez, Izy and all the collators.



Earlier this term I asked you to dissect an obtuse angled triangle into the smallest number of (strictly) acute angled triangles. This week your task is to dissect a square into the smallest possible number of acute angled triangles — a much more difficult job!

Solutions, etc. to me at FELIX by Wednesday 1:00 pm. £5 plus two tickets to the IC Choir concert for the best entry.

Last week's winner was M. Begley, Maths 1. H. Christodoulou won the week before. Solutions next week — space is short!

Cricket Club DISCO with LATE BAR
FRIDAY, MARCH 12 at 8:00pm in the JCR
Featuring: The Squirts, Ballroom Bullies Tour '82
Only £1!

COLLEGE ACCOMMODATION for next session

The closing date for *all* applications for head tenancies; applications from re-applicants; and applications from *undergraduates* who have not lived in Residence before is **TODAY!**



Deaf Kiddies Party

On Saturday, March 20, we are organising a party for local deaf kiddies. Helpers are needed to organise food and play games. You don't need experience, just a bit of patience when a deaf kiddie kicks your shins in and then runs away knowing full well he can't hear the stream of obscenities you hurl in his direction.

The party will be from 2:00 to 5:00pm. Anyone who wants to help should come to the next Rag meeting, Wednesday 17, 5:45pm, Union Upper Lounge.

Rag Mag Editor

If you think you can produce a Rag Mag better (or worse) than this year's, please see Mark Smith very soon to see what this involves (election at next Rag Meeting).

Calling Clubs and Societies

If you want a stall at the Rag Fête see me soon.
Ronan McDonald

What's On

Friday, March 12

- **Sale of books**, duplicate and discarded from library stocks, 9:30am, Lyon Playfair Library.
- **IC Angling Club**, 12:30pm, Southside Upper Lounge.
- **BUNAC meeting**, 12:30pm, Green Comm Rm.
- **Socialist Society bookstall**, 12:30-2:30pm, JCR. Books and Campaign Coffee on sale.
- **West London Chaplaincy Barn Dance**, 7:30pm, QEC, 50p. All profit to this year's charity.
- **Whatever Happened to the Human Race?** A five episode film series, will be shown at 8:00pm today and tomorrow (Friday and Saturday), Union Dining Hall.
- **ICSO Concert**, 8:00pm, Great Hall. Students 75p, others £1. Programme includes Wagner, Hadyn, Ravel and Sibelius.
- **Soup Run**, 10:30pm, Falmouth Kitchen.

Sunday, March 14

- **Chaplaincy Communion Service**, 10:00am, Consort Gallery.
- **Anti-Apartheid Movement National Demonstration**, 12:00, Reformer's Tree, Hyde Park. Assemble in Beit ARch at 11:45am. We will march to Hyde Park then to Trafalgar Square for the rally.
- **Wargames Club Meeting**, 1:00pm, Union SCR.

Monday, March 15

- **Hang Gliding club meeting**, 12:30pm, above Southside Bar.
- **Badgesoc meeting**, 12:40pm, Southside Bar Lounge.
- **Bass Charrington Yard of Ale Competition**, 8:00pm, Union Bar. Individual, team and CCU competitions. Beer prizes. All yards free. Teams to consist of a least three people. Team and CCU entries to Roger and Jimmy by 2:00pm. Individuals entries can be made on night.
- **TM soc meeting**, 5:30pm, Huxley 411. Refreshments will be provided.
- **Wellsoc** present Larry Barnes, from the Magic Circle, giving a lecture on Houdini, followed by a demonstration of some of his escapes, 7:30pm, Elec Eng 408.
- **Dancing club advanced class**, 7:30pm, JCR.
- **Industrial Soc Annual Dinner—all you can eat!** 8:00pm, West Centre Hotel, Earls Court, £6.50.

Tuesday, March 16

- **Boardsailing Club**, 12:30 and 6:15pm, Southside Upper Lounge.
- **Catholic mass and lunch**, 12:30pm, Chem 231. Nominal charge for lunch.
- **Riding club meeting**, 1:00pm, Rm 1009, Elec Eng.
- **STOIC programme**, 1:00pm, usual places. See posters for more details.