



Founded in 1949

The Newspaper of Imperial College Union

Top Con at IC

Sir Keith Joseph described himself as "thoroughly inadequately educated" at a meeting in Huxley Lecture Theatre 213 last Tuesday. A member of the audience later referred to him as "a fossil" in a question on the Falkland crisis.

The meeting was organised by the Conservative Society and the crowd of 150 included the Rector, Lord Flowers.

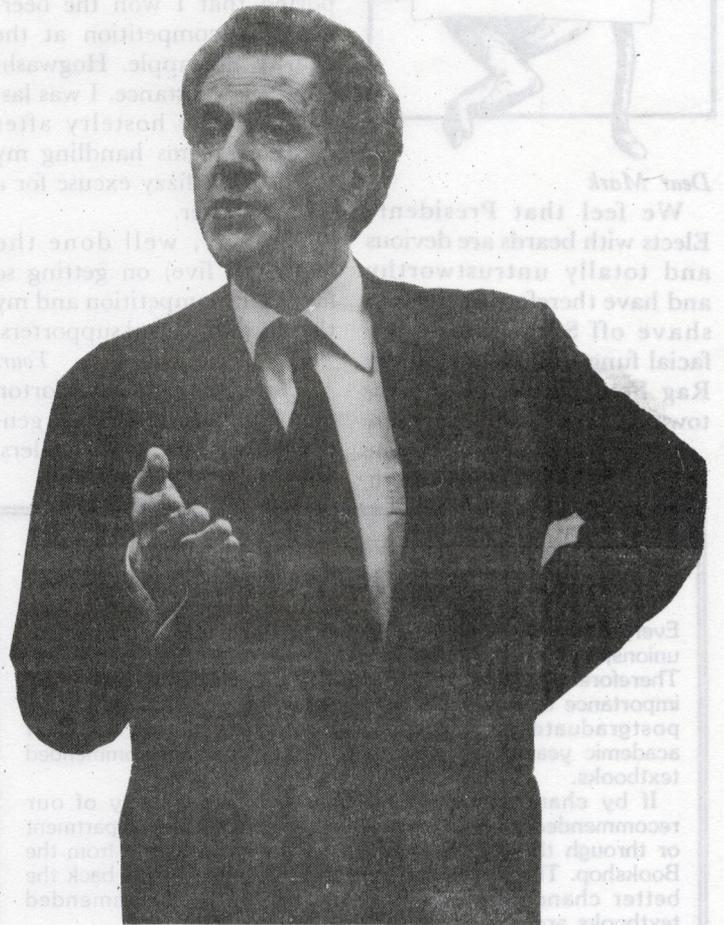
Sir Keith has been a leading figure in the Conservative party for over twenty-five years and has served under four different Prime Ministers. He admitted that the country had been going downhill since he became involved in government, a view echoed by a questioner.

He spoke for about fifteen minutes and later answered questions for thirty minutes. Starting his speech, he outlined the usual Conservative policy of the necessity for a sound trading base, before talking about education in particular. His views were the same as those expressed by his junior Minister William Waldegrave last Friday (see elsewhere).

Sir Keith was asked about overseas students, teacher training, his "disastrous" term as Minister for Social Services and later Industry, the Falklands and both the quantity and quality of engineers being produced by universities. However, Sir Keith was not asked any questions on the future levels of student grants or loans.



RCS Union President-Elect, Mr Karl Schmidt, and Vice President, Miss Fiona Owen, are covered with gunge as part of their initiation. The CCU AGMs were all held on Tuesday—a report and more pictures on page 3.



"To you, my boy, fifty million..."

And now for the facts

Mr William Waldegrave, Junior Minister responsible for Higher Education addressed the Standing Conference of University Information Officers at 170 Queensgate last Friday.

He warned the universities that remarks like "the government is bringing our institution to its knees" may well cause the public to lose confidence in higher education. He recommended that universities work harder on developing relationships with the local community and the public at large. He included industry in the general public, stressing the importance of obtaining increased financial support from research contracts etc.

When answering questions, the Minister said that if the current cutbacks meant a 5% increase in external funding in fifteen years the whole campaign could be viewed as a success.

Union President Nick Morton said that Mr Waldegrave was "far more reasonable than his boss Sir Keith Joseph" and was pleased that the Department of Education and Science's view was gradually moving toward's the Union's own view.



Letters to the Editor

Dear Mark

We feel that President-Elects with beards are devious and totally untrustworthy and have therefore decided to shave off Steve Goulder's facial fungus publically at the Rag Fete on receipt of £100 towards Rag.

Yours
Phil Nathan
Pallab Ghosh

Dear Mark

The FELIX reporting really is deteriorating. On the front page of issue 613 you quote me as saying "well I suppose that's four fewer social colours we'll be awarding." In fact I said, "well, that's five fewer social colours we'll be awarding." You may wish to ignore the reserve, Mr Zigmunt Lozcinski, but I do not. I know he was an integral part of the team.

Furthermore, FELIX reported that I won the beer-drinking competition at the nearby Pineapple. Hogwash! I lost by a distance. I was last to leave the hostelry after great problems handling my third, cold, fizzy excuse for a pint of bitter.

Anyway, well done the team (all five) on getting so far in the competition and my thanks to the loyal supporters.

Yours

Nick Morton

PS: No luck on the Argentinian scrap metal dealers, any other ideas?

Bookshop News

Every pound profit that the Bookshop make goes to the student unions, and thereby eases the demands on the College finances. Therefore in these days of severe financial difficulties, it is of vital importance that everyone who will be giving an undergraduate, postgraduate or post-experience lecture during the next academic year to inform the Bookshop of the recommended textbooks.

If by chance any lecturer has not had a copy of our recommended reading list to fill in, either from their department or through the internal mail, these lists are available from the Bookshop. The sooner we have these completed lists back the better chance we have of ensuring that all recommended textbooks are in stock when they are needed.

The Phoenix 1982, the magazine of Imperial College Union is available free of charge from the Bookshop. We also have a few of the 1981 edition available.

New Titles

Miraculous Circumstances—the adult comic, Luddite Enterprises 65p.

Collected Works of Frank James V6, Keel Fics, free (TOS).

Dictionary of Literary Terms by J. Cuddon, Penguin £4.95.

Writers at Work by G. Plimpton, Penguin £3.95.

Within Whickers World by Alan Whicker, Elm Tree Books £8.95.

How to Survive as a Working Mother by L. Garner, Jill Norman £3.50.

The Hound and the Falcon by Antonia White, Virago £2.95.

The Hangman's Crusade by James Barwick, Pan £1.75.

Neck of the Giraffe by Francis Hitching, Pan £2.50.

Zig-Zag by Richard Thornley, Picador £1.95

Frost in May Book 1 & 2 by Antonia White, Fontana £1.95 each.

Stamps of the World 1982 Stanley Gibbons £17.95 **now £15.95.**

British Commonwealth £13.50 **now £11.50.**

Something for Everyone

Attack siren inc. Holster £4.50

Customer Query—FELIX 613

Shadow the Sheepdog by Enid Blyton 45p is now out of print.

May I suggest *Victor the Vulture* by Jane Holiday 80p.

Page 4 FELIX 613

Don't forget to join BCF & RTTC

Can one become a 2nd claim member?

Small Ads

●**ZX-81 + 4K RAM** offer includes ZX-Asteroids & Breakout, also "Mastering Machine Code", £70ono C.P. Jones, Chem 2 letter-racks.

●**Sinclair ZX81** with Sinclair 16K RAM. Board mounted for 100% reliability. Modified ROM fitted and complete with extensive range of software £70. Contact J. Wright, Chem 3.

●**Sinclair ZX81** 'John Prince Software' cassette games, eg 'Astro Invaders' only £3.75 (for set of 4 games). For further details contact Roger, Int 3984.

●**Casio 502P + FA1 adaptor**, as new only £45. Please contact Behbahani, Chem Eng letter-racks.

●**1971 Austin 1100**, good condition, £225ono, W. Fahy, Int 3287.

●**Ferguson Cassiever 3925 AM FM** stereo tuner, AMP, cassette recorder, £40, C. Mitchell, Civ Eng letter-racks.

●**Pair of Wharfedale Linton**, 3-way, loudspeakers, £40. Phone 373-8307 or J. Bicarregui, Maths 2 letter-racks.

●**A beautiful pair of SWALLOW Rm200s** with stand for £200ono. Phone Shezi, 444-5072 (eves) or Abedi, Physics 2.

●**NAD 3020 amplifier**, £55ono. Contact G.J. Smith, Civ Eng 2.

●**Olympus OM10 with 50mm f1.8** manual adaptor, case, instructions guarantee, as new £80ono. Apply Rm 151, Falmouth Hall.

●**EKO Jumbo acoustic guitar** with soft case, £50ono. Contact Roger, int 3984.

●**Football supporters rattle-collectors** item, £2.50; stereo headphones £2.50, Roger, Int 3984.

●**Lost**: one large lump scrap metal, small sentimental value. If found please contact C. Teller, IC Union Office.

●**Any girl wishing to swop** their place in Beit for a place in Falmouth next session please contact Zoë George, Geol 2.

●**Wanted**: One female student to share a large double bedroom in an excellent basement flat (with lounge) for 4 girls from July 1982 for 1yr. Only 1 min walk from IC—Queens Gate Terrace, rent £100pcm inc hot water and central heating. Kathy Moore, Physics 2 or Doreen Thomas Chem 2 or phone 584-2933.

●**Accommodation**: 2 girls wanted to share flat for 8 with 2 other girls and 4 lads in Fulham/Earls Ct, £21pw. Phone 381-2741.

●**People needed** to share flat in Putney, £21pw, contact P. Ghosh, Physics 2.

●**Single room available** for female student in a flat of 7 (3 female, 3 male) in Hamlet Gardens next year, £17.50 contact Erica Fuller, Physics 1.

●**Southside Shop sportswear sale** continues. Racquets, training shoes and many miscellaneous items reduced.

●**Beer & Bangers**, Wednesday, May 26. Names to Jen by 5:00pm, Friday, May 21.

●**Come to the Rag Fete**, Saturday, 2:00pm, Queens Lawn.

●**Anyone interested** in a thespian holiday at the Edinburgh Fringe, Aug 23 for 2wks, contact 'Eric' Jarvis, c/o Dramsoc, IC Union or meet on Sunday at 2:00pm, Upper Lounge.

●**Book for sale**: *Genetic Experiments—some recent failures* SWN, Aero 2.

●**Bayern Munich Fan Club meeting**: Intensive Care, St. Stephens Hosp, anytime.

●**Come on, Leonardo**—BHS (Reading) waits to succumb to your seductive charms. Retribution is sweet.

●**"Grasshopper" Doyle** versus 'Flasher' Andrews—another 51 promotion. Watch out for further details.

●**Pain in the arse?** Arun has and we want to know why!

●**Alan**—only 7 weeks to wait. Please be patient.

●**Rob Hill** does things with rats (NFRS-OK).

●**For sale**: Micrometer, slightly damaged, no case. Phone Int 2232 for details.

Dancing

The Inter-Varsity Dancing Competition and Ball are organised annually by the Inter-Varsity Dancing Association. Apart from spectating at this colourful event, each affiliated English University enters a team to compete for individual and team trophies.

On March 5 the team and a coachload of supporters headed for Southampton. By this stage, we had bought two new 'body stockings' for the female Latin-American dancers, which were rather daring to say the least, so with these, the new hairdos, and Vicky's specially-dyed pink shoes, the female side of the team at least felt well-prepared for what was to come.

At the Guildhall, the enormous ballroom meant that seventeen couples could all dance at once—though the sprung floor did take some getting used to!

Once again, our ballroom couples did well: Melanie and Simon were placed fifth in the waltz; Vicky and Allan (Logan) were placed sixth in the quickstep; Rebecca and Alan (Edwards) in the team for the first time, showed a certain promise by getting into the second round in the jive, as did Sally and Richard who were unlucky not to get further with their cha-cha routine.

IC also entered a couple for the 'Open' competition which this year was the samba. Marion and Daoud performed admirably—especially since Daoud had not done any dancing until he came to IC last September.

After the finals, the 'Off Beat' team event was held. This competition is open to all club members, and consists of a three-minute 'sketch', the prize being awarded for the most original and entertaining entry. Colin Lewis, our choreographer, had produced a very novel and funny piece called 'The Eurovision Dance Competition' performed to Tom Lehrer's *The Vatican Rag* (Italy) and *The Masochism Tango* (Spain). This entry was placed fifth.

As with the Southern Competition there was plenty of general dancing for the spectators to stretch their legs and a Latin American demonstration by the Fletchers.

A small aside for those in the know

Contrary to popular rumour, this year our infamous 'Miss Quickstep' did not injure herself mountain climbing a few weeks before the Southern Competition (like last year)—rather she splint herself open sliding down a mountain on New Year's Day (much more considerate; after all it gave her a whole month for the bits to weld together again).

RCS Awards

A number of awards were presented at Tuesday's Royal College of Science Union Annual General Meeting before next year's executive officers were initiated.

Dr Brian Morgan was presented with a pot for his past services as Honorary Senior Treasurer and Union General Awards were made to: N. Childe-Harmer, A. Edwards, P. Greenstreet, M. Ledwold, D. Thompson (Ex Officio) and N. Watmough.

Mr Nick Childe-Harmer also received the Derryck Bond Memorial Award for new heights in tactlessness, while T. Everett was the top Rag collector and received a new trophy in the shape of a Rag can.

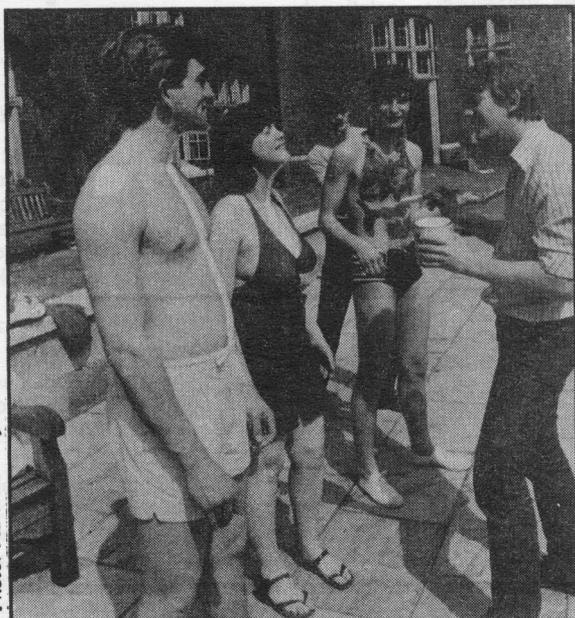


Photo: Martin S. Taylor

Next year's RCS Executive being painted in the Beit Quad on Tuesday: (left to right) Karl Schmidt (President) and Fiona Owen

Obituary: Nigel Greateorex

Dr Nigel Greateorex, former Subwarden of Falmouth Hall, was killed in an automobile accident on May 1 in the New Forest near Beaulieu in Hampshire. Lord Montague of Beaulieu was driving the other car and escaped serious injury.

As an undergraduate at Imperial College from 1971 to 1974, Nigel gained a first class honours degree in Electrical Engineering at the age of 19 winning the Sylvanius P. Thompson medal and the Willis Jackson Memorial Scholarship in his second year.

As a postgraduate he gained his PhD in 1977 through research into linear induction motors with Professor Eric Laithwaite, and was at the same time Subwarden of Falmouth Hall, Assistant Editor of ICON, Captain of the Croquet Club and an active sailor in the Solent based Contessa 32 fleet.

After leaving IC to work at GEC in North London, Nigel maintained close social and professional contacts with IC. His funeral was held at Holy Trinity Church in Prince Consort Road on Tuesday.

He was an active supporter of the Institution of Electrical Engineers and was the schools liaison officer of the IEE Young London Members Committee.

His many friends at Imperial College are planning to donate a trophy in his memory for the Contessa 32 class in the annual Cowes Week Regatta, in which Nigel had crewed annually since 1976.

Double delay

The ICU Council meeting and the inter-CCU swimming gala advertised for last Monday in this term's FELIX calendar were both cancelled this week and both rescheduled for Monday, May 11.

The swimming gala will now be held in the Sports Centre at 6:30pm and will include a Presidents' race and an inter-CCU water polo match.

The cancellation of Council was due to Honorary Secretary Marco Ledwold failing to send out notification. Mr Ledwold has since gone to Sweden to represent IC at the sixth International Conference of Students of Technology (INCOST).

However the three events are thought to be unconnected.

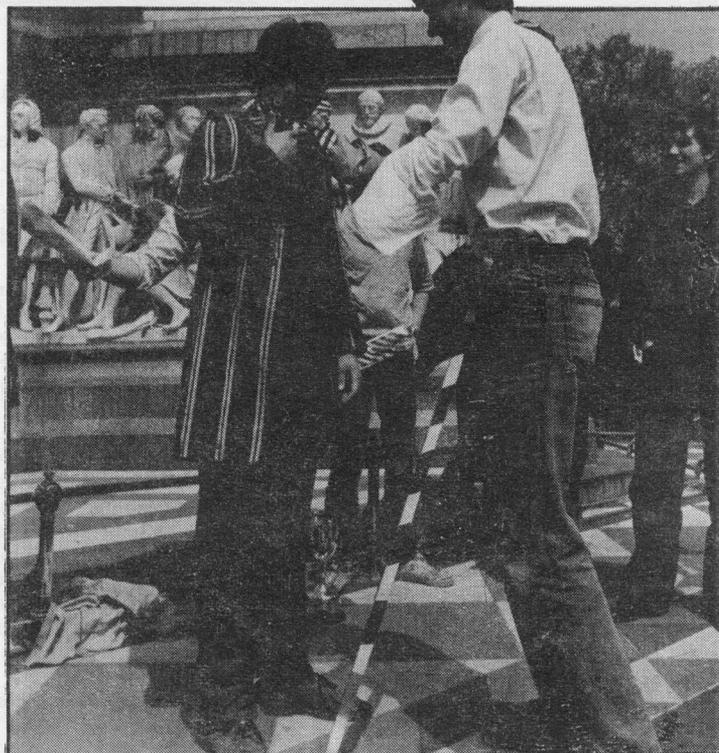


Photo: Martin S. Taylor

Steve Bishop (left) takes the C&GU President's coat from retiring President Andy Rushton at Tuesday's C&GU Handover UGM

Mark

We want to promote bulk beer sales for parties—there is a 10% discount on bar prices. There is also a 7½% discount on wine purchases of six bottles or more. Can you knock up some sort of imaginative ad? Maybe along the lines of "Victor's Party Special"?

Thanks
Nick

**Cheap
booze!!**

Nick

How about something along the lines of "Get absolutely pissed out of your brain the Mooney way—drink 10% more beer or 7½% more wine for your money!"

Alternatively: Sick of Drugs? How about trying beer and wine again at your parties—it's much cheaper, legal and you can be violently ill this way too! V.M. of Sherfield says "At my parties I throw back a barrel and a half of Scrunge Dale's Old Revolting and seven or eight litres of Peruvian Liebfraumilch before I throw! And all for nothing—sorry, all for 10% less on beer, 7½% on wine."

Don't mention it
Mark

The following posts are available: **Warden, Southwell House** (suitable married postgraduate). Further information from K. Kannan (Int 3512). Application forms can be obtained from the Union Office. Last date May 24. **Subwarden and Assistant Subwardens, Tizard Hall** (preference given to postgraduates and post-doctoral staff who intend remaining at Imperial for at least two years). Applications with details of relevant experience should be sent to Dr M H R Hutchinson, Tizard Hall, before May 31. **Subwarden and Assistant Subwardens, Falmouth Keogh Halls** (successfully applicants would normally be postgraduates, but applications from others considered). Applications, including a concise but informative curriculum vitae to Dr P W Jowitt, Civ Eng dept. Closing date May 21. **Warden, Rayleigh House** (suitable married postgraduate expecting to remain at IC for a further two years). Applications forms from Union Office. Closing date for applications June 1.



South Africa:

Human rights in the monument to British Capital

E.M. Ugoala

I would like to expand a little on the thoughts that I presented in FELIX 610. There seems to be a lot of confusion as to the rights, specifically the human rights, of Black South Africans. This is unfortunate because the concept of human rights is a very useful one for deciding what the moral issues are in SA and whether or not action should be taken. I make a distinction then, between the process of deciding that action is necessary, and deciding what form this action should take. Further, the attitude seems to have been put about that, although we deplore what SA is doing, short of slitting our own economic throats, there is not a lot that we can do, and that in any case, since the eventual liberation of the South African blacks will probably come about through their own efforts, why worry.

The problem might possibly be tackled by considering the question of whether it is obvious that the SA regime really visits such terrible injustices on its Black population. To answer this we need only grant, for the sake of argument, that the SA government is made up of people who feel the need to defend their actions in the public forum, by reasoned and logical argument, and are not thus given to acting arbitrarily. Given that this is the case, why then is it that in the face of almost universal censure (Britain and the USA excepted—as their UN voting habits show) that SA has failed to explain in the public forum, why it is that the abomination of Race Segregation (Apartheid), for instance, must continue. Appreciate that this is no small criticism, for consider—your interaction with me, in order that it shall not be chaotic, requires that I provide you with reasons (that are not beyond your capability to understand) for my actions when you inform me that you require such reasons. Were I not to provide such reasons, it seems evident that we could simply not coexist. Pending my production of the reasons that you require, interaction between you and I should logically come to a standstill...and yet interaction between many (if not all) countries and SA continues.

Secondly, as regards Western nations in particular, it should be realised that if it is not only in those countries oppressed by the Soviets that arguments couched in terms of the rights of man, should be applied in order to condemn the oppressors. To illustrate this I shall quote liberally from Richard Wasserstrom's paper "Rights, Human Rights, and Racial Discrimination" Journal of Philosophy, 61 (1964) in which he tells us that:

"Perhaps the most obvious thing that can be said about rights is that they are constitutive of the domain of entitlements... (and that) as long as one has a right to anything it is beyond the reach of another to properly withhold or deny it... (it is) to have a very strong moral or legal claim upon it (the object of right in question) (and in fact it is) to have the strongest type of claim there is."

Critically for my purposes, Wasserstrom cites the following as characteristic of the particular genus of rights, called 'human rights':

1. Possessed by all human beings.
2. Possessed equally by all human beings.
3. Are assertable, in a manner of speaking 'against the whole world'.

Wasserstrom does not go far enough, however. He neglects to point out that if we wish to hold on to the concept of human rights (as elucidated above), then it is incumbent upon us to try to see that they are honoured everywhere, and for all, by all human beings (blacks included, poles included). Not to do so would be to relinquish 3 above, and thus to have the whole structure of human rights collapse about us (and consider, for a moment all the types of claims that you cannot make if you relinquish the concept of human rights.)

The complacency of the West, in particular, towards SA, is inconsistent and morally impermissible, when one considers the Reagan-type noises they make about human rights in Poland and Afghanistan. In other words, our attitude towards SA cannot be... "there is nothing we can do short of military coercion... so let us do precisely nothing." The question of whether action is necessary is thus answered. Whether it be Graeme Shaw's call for a total boycott on SA or the Chaplain's call for pressure on companies like Barclays, or whether it be your individual response to removing your bank account from Barclays and refusal to buy SA goods, it is all to the good, for it constitutes action. None are to dismiss the actions, or call for action of others in this field as 'unrealistic'.

It seems to me to need little thought to discredit the notion (held, it would seem by white (liberals), that the liberation of the blacks will come only through their own efforts. The wounds on the minds, souls and bodies of Black South Africans were—and are—not self-inflicted. I suggest that it would be unrealistic to suggest that they will be self-healed. Poetic—yes, realistic—no! Not only ought we to help relieve the situation in which the Black South Africans find themselves, but because what is in question are their rights, particularly their rights as human beings. I believe that they have a right to expect that we shall give them such aid as is necessary to break their chains, and to end their slavery. For, as Wasserstrom says:

"To observe what happens to any person who is required to adopt habits of obsequious behaviour in order to minimise the likelihood of physical abuse, arbitrary treatment, or economic destitution is to see most graphically how important human rights are and what their denial can mean. To witness what happens to any person who is required to adopt habits of obsequious behaviour, in order to minimise the likelihood of physical abuse, arbitrary treatment, or economic destitution is to see most graphically how important human rights are and what their denial can mean. To witness what happens to a person's own attitude aspirations and conceptions of himself when he must request or petition for the opportunity to voice an opinion to consult with a public official or to secure the protection of the law, is to be given dramatic and convincing assurance for the moral necessity of a conception of human rights."

Now I would like to clarify the rôle that Western (in fact predominantly British) capital has played and is playing, in South Africa. This is necessary in order that the likes of Mr David Ashforth may understand the nature of the request we make when we call for economic sanctions against SA. A first important to graps is that UK trade with SA is worth to the UK of the order 2.3% of its GNP whereas the same trade is worth to SA, 20.25% of its GNP (this is calculated from the fact that by the end of 1971 Britain was receiving 29% of SA's exports—more than any other country while SA took only less than 4% of Britain's exports). This fact alone makes it difficult to see how reduction or cessation of UK-SA trade would amount to a slitting of the UK's economic throat.

Now let us for the time being ignore trade contacts between SA and the West as expressible in terms of direct exports. By 1970 Sterling Area investments in SA totalled £1,983x10⁶. In 1969 Dollar Area investments there totalled 435m. In 1970 "Britain, the USA, France, Switzerland, Germany and Japan have £2,875m sterling planted in SA...and its growing form them in a climate of stability and progress"—South African government advertisement in FT of June 22 1970. This suggests to us a reason why redoubtable Western capital was funding its way in such large quantities into SA! The returns were so good! Consider, in the period 1960-68 the average annual rate of return (after SA tax) on direct British investments in SA never fell below 10% and between 1965 and 1968 it averaged 12%.

Let us for a moment postpone the question of why SA provided such consistently high returns for foreign capital, and look at part of a speech by the London Director of the SA Foundation, made in 1970:

If you look at the real basis of the relationship between Britain and SA, which is one of mutual self-interest and a recognition of whose power lies in terms of economic and strategic strength, then you will see this relationship growing stronger...

and realise that for instance, industry in SA is enticed to set up in 'border areas', by the carrot that they shall be allowed by the government to pay their workers less than the

minimum subsistence wage, and that a white may be promoted to a supervisory capacity, whilst his old job is done by 3 or 4 blacks, such that the total wage bill for the company goes down (a process known as "job dilution") and that the ratio of the average white/black wage is 20:1, we begin to see some reason for our postponed question. As Ralph Horwitz says in "The Political Economy of SA":

"The bigger the existing scale of investment and hence commitment of resources, the stronger the compulsion to further investment to protect the commitment."

The indictment of complicity in keeping most of the black population of SA in a condition described by the International Commission of Jurists as "akin to slavery" is clear and unavoidable (for can any seriously contend that the +300 American and +500 British companies and their subsidiaries in SA were unaware of this situation?)

The newspapers in this country are forever trying to convince us that we are guardians of the world's morals. If this is so, can we, can you, countenance British financial concerns behaving as they do in SA, as no Union, no politicians, would allow them to do in the UK? In case you are still unconvinced of the strength of the indictment, then Sir Ernest Oppenheimer's words (from his report of shareholders on a £4m loan negotiated with the Union Bank of Switzerland) might convince you:

"I do want to emphasise, however, that the London money market has been—and still is—the main overseas source of funds for the development of the South African mining industry, and in view of the strong financial support the industry has had from that quarter over all these years we would not seek to attract new money from other centres by offering terms...we would not equally offer to financial interests in England."

For if that doesn't convince you then, the UN report (of Nov 1967) which stated that "in spite of sanction...Southern Rhodesia is still receiving sufficient oil to meet its industrial needs. The origin of such oil... (being)... the UK and US companies, (such as Caltex and Shell)... through their subsidiaries in SA" must surely do so.

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- ★Bar open all afternoon.
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- ★Go to the top of Queen's Tower.

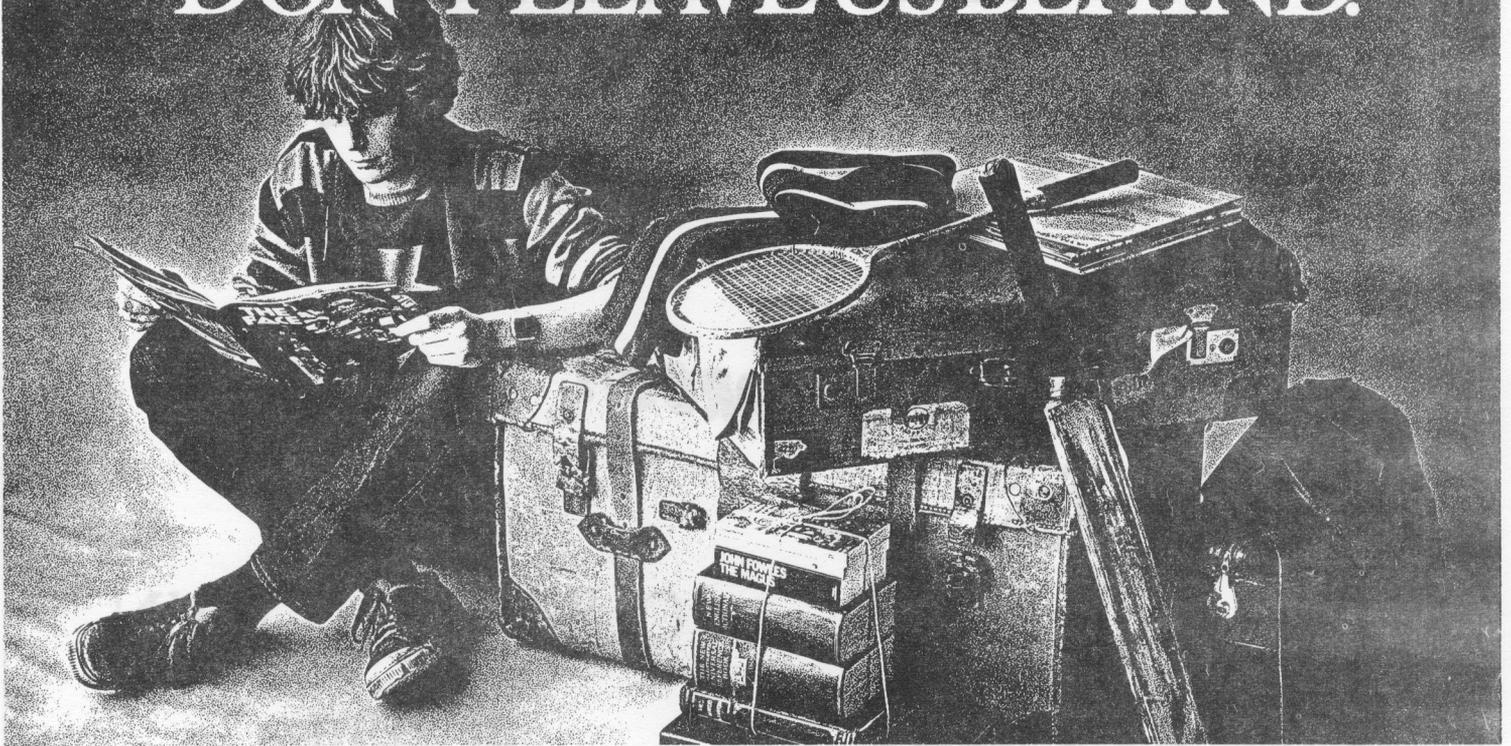
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THE NATIONAL DEAF CHILDREN'S SOCIETY

Sponsors include: BHS, CBS, The Chelsea Pot Restaurant, 356 Kings Road, Fuller's Brewery, The Gondoliere Restaurant, 3 Gloucester Road, IC Bookshop (open at the fete), Marks and Spencers Ltd, National Westminster Bank, The Norfolk Hotel, Harrington Road, Odeon Cinema, Kensington High Street, Piccola Venezia Restaurant, Thurloe Place, Pizza Express, Polydor and Waitrose.

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*Please advise Barclaycard of my/our new address.

My/Our card number(s) is/are: _____

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Signature(s): _____

*Delete if not applicable.



BARCLAYS

Photosoc

We hereby announce a great event! We have bought two STOPCLOCKS, so you won't need to use the "elephants" method anymore. We have also got a new committee and we are going to decorate the darkrooms. The Union is providing the paint and we are going to splat it about. You can all come and join in if you want (especially if you have never been to a chimps tea party before). We will be doing it on Saturday and Sunday, June 13 and 14, so please remove all your chemicals and appliances from both darkrooms before then so they don't get spots of paint on them. If you will be unable to do so, write to Terry Judd (Civ Eng 2) just to give him something to do.

Hamsoc

Those of you that have entered for the RAE should have received your examination number through the internal mail by the time you read this. The examination will take place in Room 407B Elec Eng at 6:15pm (6:30pm start) on May 17. Please bring a HB pencil, a rubber and a pencil sharpener with you. Our expedition to Andorra was extremely successful, hopefully

this will be written about at greater length soon. However, in brief, nearly one thousand contacts were made over a week's operating time, stations were worked in every continent. We have already received over a hundred signal reports from various stations around the world and hopefully we will eventually get confirmation of nearly all the contacts. Some of the members are already talking about an expedition this summer, suggestions on where to go will be appreciated!

I hope you have all managed to find our new shack, if not it's in the old ICCAG Room at the top of the Union Building, just look for the door with the Radio Society posters and you're there!

Community Action

Things are in full swing again. People needed to help at Acton Youth Club for able and handicapped children every Saturday. Soup runs as usual Tuesday and Friday 10:30pm Falmouth Kitchens.

Come and buy our hot dogs at the Rag Fête tomorrow!

Come to our AGM on Monday where next year's committee will be elected. The meeting will be at 5:30pm in the Rag Office top of the Union. *Everyone* is welcome.

Acting DP's Bit

Cupboards and Noticeboards

If your club needs cupboard space, leave me a note saying who you are, how much space you would like and where. If you have been given a cupboard this year, please let me know as I am having trouble tracing the whereabouts of the cupboards bought by Barney.

Fill in a form if you still require a noticeboard and I will sort them out towards the end of term.

Rubbish

I am contemplating hiring a skip for a day to get rid of rubbish not removed by the dustbin men. If you have any large obstinate article of rubbish (preferably inanimate) I'd be fascinated to know about them.

Pinballs and Videos

I'd be interested in any feedback about the machines, especially small faults such as sticky flippers and suggestions of machines you'd like to have in the Lower Lounge.

Mike

Well I hope whoever's got it has managed to get it working again.

SF Soc

Hello. The new committee are:
 Chairman Mark Jeffcock Physics 3;
 Secretary Ken Mann Physics 3;
 Treasurer Tim Fern Maths 3;
 Publicity Officer Guy Riddihough Life Sci 2; Librarian Brian Haunton Maths 3; Projectionist Paul Griffin Physics; Scapegoat K Fearnley.

Years given are will be if he passes his exams' years. Whatever happened to the SF Soc girls?

Ex-Swordmistress of Chaos

H.G. Wells

Those of you who missed Dr Pask's lecture on Cybernetics missed a real experience. I don't think Dr Pask would mind me describing him as a mixture of William Hartnell, Patrick Troughton and Tom Baker. He was a typical eccentric professor complete with cape, pipe and shock of white untidy hair.

His lecture consisted of a dazzling coalescence of philosophy, logic, psychology, quantum mechanics and information theory into the science of cybernetics. The talk was delivered in a very exciting and extreme style. We certainly are having him back again and when we do I recommend seeing him. It's a real trip.

The lecture was followed up by the Annual Wellsoc Arm Wrestling Championships which took place this year in the Southside Bar. The victor emerged as Marguerite Bond, our External Secretary. External Secretaries seem to have a monopoly on this event since it was won last year by 'mighty' Miss Dziwior, a former Secretary. She did not enter this year since she is said to be saving herself for the Gliding Club power lifting championships.

IC Radio

We are pleased to announce the complete of the link to Bernard Sunley House. Now even more people have the questionable pleasure of being able to listen in... Unfortunately British Telecom still seem to be unable to get the line to Mining House working, however threatening phone calls are planned, to persuade them to get a move on. (British Telecom still suffer from phone breakdowns just as their subscribers do). For your further listening pleasure, IC Radio Technical Enterprises Inc is also pleased to announce the installation of a loudspeaker in the Union Lower Lounge. Be sure to ask the Bar Staff to turn up the volume. Forthcoming programme attractions include: various and diverse "rock star interviews", not forgetting the fabulous Falkland Islands Special, with extra added bad taste.... Transmission ends.

Tea and Paracetamol

As the sun sinks slowly over the dying embers of another year, thoughts turn to sun drenched beaches, hearts yearn for languid days of leisure, torid nights of pleasure and maybe even the welcoming bosom of one's family. Sod that for a game of soldiers! As ever, the world contains some masochistic souls who on completion of the year's studies, will promptly immerse themselves in fevered preparations for a summer of blood, sweat and tears. OK I'll admit to a smidgeon of hyperbole. The truth is that Dramsoc are going to the Edinburgh Fringe again. We hope to spend two weeks (from August 23) performing (2 plays, 1 revue) and generally absorbing the atmosphere of the largest festival of fringe theatre in Europe. Whilst not the most idyllic of possible holidays it has a lot to offer. For a start Edinburgh is a lovely city, also there will be a lot going on whilst we are there. After (or before) our daily performance we hope to fill our time with such delights as: attending other fringe groups productions (the record is watching 25 different performances in 1 day); going to the jazz festival; the Military Tattoo or the official festival; eating; sleeping; watching street theatre; just massing around; or drinking (bars are open from 11:00 to 2:00am; get the idea).

The point of this article is that we can take more people than have so far "volunteered". We can use more actors, crew, make-up artists, etc; or if you can't make the festival, help on writing the revue. We are meeting on Sundays in the Upper Lounge at 2:00pm, though we don't expect anyone to rehearse until after exams are completed. If you are interested please contact "Eric" Jarvis, ICDS Edinburgh Tour, Personnel Manager, c/o Dramsoc IC Union, int 2854/3908, or come to our workshop/rehearsal/cast meeting on Sunday, 2:00pm, in the Upper Lounge.

We need to have a full list of those going, by Sunday afternoon, in order to book accommodation so you have two days to think about it. Please do, we'd like you to come along.

Labour

Is Britain a free country?

Perhaps it will come as a shock to discover that in reality British citizens are oppressed in ways that would be considered unacceptable in other Western democracies.

Someone who is well qualified to speak about this topic is Harriet Harman, Legal Officer of the National Council for Civil Liberties. She has firsthand experience of defending the rights of individuals in test cases brought by the NCCL. Recently she herself was convicted of contempt of court for passing information that had been revealed in open court to a journalist. Her conviction was upheld by the House of Lords and is now to be considered by the European Commission of Human Rights.

Everyone is welcome to come along and hear Harriet Harman on Tuesday, May 18 at 1:00pm in the Union Upper Lounge.

Film

The most surprising release of the week must be the double bill of *Star Wars* and *The Empire Strikes Back*, not least because they are the top two selling films of all time.

The lack of publicity for this event is thus understandable—who needs to “sell” films which have already been seen and enjoyed by millions? Way back in May 1977 when *Star Wars* was released in America, nobody expected the overwhelming response which occurred. At first things were slow, then word of mouth resulted in massive queues and *Star Wars* mania had struck.

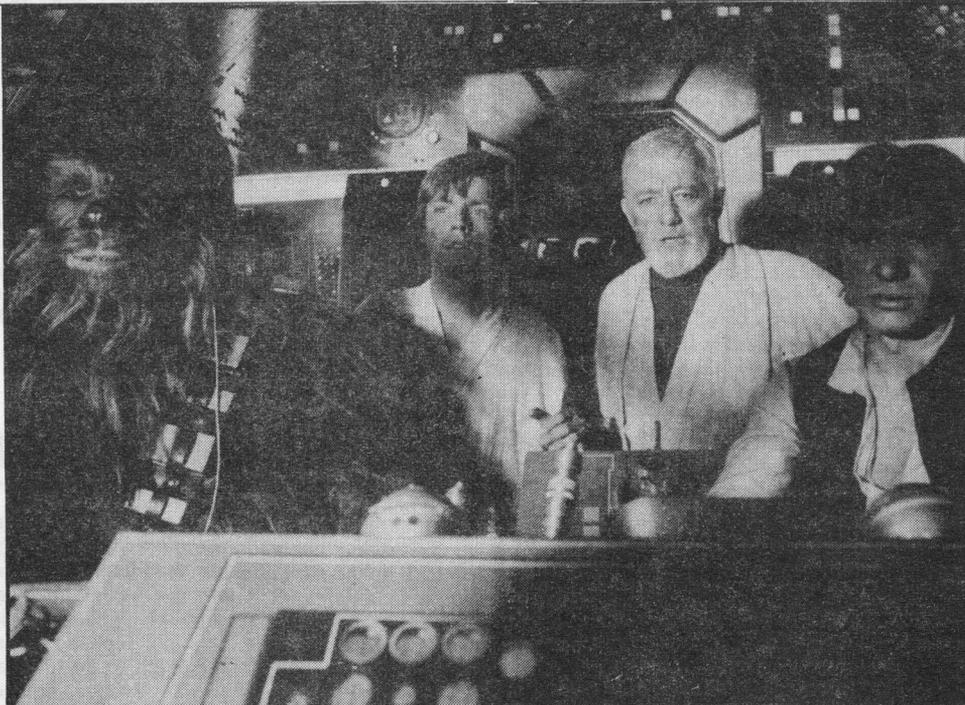


An imperial stormtrooper.

The success of the film was probably a greater shock to 20th Century Fox; the film cost \$10m and has grossed a staggering \$185m. The ‘sequel’ it spawned (which writer George Lucas had planned well before *Star Wars* was filmed) *The Empire Strikes Back* scaled new heights in movie technology and turned out to be an effects epic (which was equally enjoyable) and grossed \$135m on an investment of \$22m. It is not surprising, therefore, that the third film in the series *Revenge of the Jedi* (which will cost \$32.5m) has already started filming and will be released in May 1983.

Well, figures apart, what else is impressive about these giants of the screen? The stories are undeniably simple; in *Star Wars* a young farmboy (Luke Skywalker) is lured away from his home by the promise of adventure and in *Empire* his fight against evil begins in earnest. Both, however, are filled out with a selection of unusual characters and machines which just about manage to raise them above the average space soap opera.

Although George Lucas chose unknowns for the main roles in *Star Wars*, he managed to persuade Sir Alec Guinness and Peter Cushing to take roles, which undoubtedly raised the general standard of acting. They were also a reasonably good bet to ensure moderate box office success at least. However, these characters were almost totally overshadowed by the two androids R2-D2 and G3PO (who provided an absurd comic element) and the magnificent Darth Vader. For me, Vader steals the show time after time—there seems to be something appealing about evil incarnate and his external appearance adds much to that appeal.



Our heroes on the bridge of the Millennium Falcon.

But the most important breakthrough was certainly not the characterisation. The most amazing step forward was undoubtedly the extensive use of ingenious special effects. By now you’re probably groaning at the mention of the words “special effects” as the horde of imitators that *Star Wars* prompted has meant that you can hardly watch a film which hasn’t got lasers or enhanced glows somewhere in it. But this is where *Star Wars* broke new ground and is where the appeal of the film lies. The convincing space scenes, tumbling spacecraft, well designed ships and costumes together with excellent sound effects results in a “look” which initially overcomes any shortcomings in the plot or acting. Without this customised “look” *Star Wars* (and certainly *Empire*) would be nothing more than a shoddy space western.

Anyway, in terms of enjoyment, both films score very highly and I’ll be first in the queue to see them again for the umpteenth time on the big screen, where both should be seen. Oh yes, I didn’t mention that *Star Wars* has been sold to ITV for about \$5m and should be seen at Christmas.

Mark Smith



Book



Tunnels Under London by Nigel Pennick. Price £1.20 by post from Electric Traction Publications, 142 Pheasant Rise, Bar Hill, Cambridge CB3 8SD. (Only available direct from publishers.)

Nigel Pennick has written a very well researched book detailing tunnels built under London for underground railways, roads, air-raid shelters, telephone networks and nuclear bunkers. All the information has been gathered from public sources and piecemealed together with plausible deductions to fill in the grey areas. Considering the now well-known GPO cable tunnels being clandestinely built by the Government and not admitted to, the subject matter is naturally contentious and difficult to research. London is possibly the only major city in the world with an underground network of tunnels that remains practically undocumented for the public. Mr Pennick’s small (28 page) book is the next best thing in the absence of official literature. Written almost in the manner of a scientific paper *Tunnels Under London* quotes its sources continuously and distinguishes fact from theories. Consequently, the book is seriously written and is believable. Well worth buying by anyone interested in the tube system, or esoteric literature, or both.

S. Marshall

RUSSIA DIES LAUGHING



Russia Dies Laughing: Jokes from Soviet Russia, edited by Zhanna Dolgopolova, Andre Deutsch £4.95 (hardback).

Joke books are usually pitiful rubbish and this one is about as entertaining as most. But because of its theme it's on a different level from most joke books, or rather it's on two levels at once. The book's designed to sell to the semi-intellectual anti-Soviet market (the sort of people who are upset if you call Solzhenitsyn boring) as well as to the simple-minded (the sort of people who avidly read Irish joke books and the like). Apart from its political character the book is much the same as any other joke book, with a small proportion of good jokes filled out with trashy jokes, large classification headings and plenty of blank space. There are relatively few reprinted jokes, I only found nine. Illustrations by Jak accompany about every tenth joke. Of the two hundred or so jokes about fifteen or twenty are actually funny and perhaps a hundred are mildly amusing. About a quarter of the jokes have little or no connection with the USSR. Apart from the anti-Soviet jokes there are jokes about student life, war, sex, medicine, families, Jews and anti-Semites (a section of anti-Semitic jokes is followed by some Jewish anti-anti-Semitic jokes as though to make up for it). There are two anti-American jokes (one of them quite good).

This is one of the better jokes:

Brezhnev was being conducted around hell. "Well," the demons say to him, "choose yourself a torment." They pass sinners sizzling in giant frying pans. "What about that one?" ask the demons. "N-n-no..." says Brezhnev, trembling. "Not that one." They go on and see sinners being beaten with burning brands. "What about that?" ask the demons. "N-n-no..." says Brezhnev, trembling. "Not that." They go further and suddenly they see Krushchev in bed with Brigitte Bardot. "That's the one I want," cries Brezhnev. "Ha ha ha!" laugh the demons. "That's Brigitte Bardot's torment."

A more typical example:

How do you relate to the Soviet government?

Like a wife: part habit, part fear, and wish to God I had a different one.

Many of the jokes aren't really jokes at all, they're just meant to make you reflect on Soviet (especially Stalinist) faults. Some of them are quite thoughtful, like this one which is probably meant as a sort of miniature parable of Soviet history:

Stalin, Krushchev and Brezhnev are travelling in a train. The train breaks down. "Fix it!" orders Stalin. They repair it but the

SPORT

Hockey

"I say Carruthers, dashed good wheeze of yours, coming to see this match."

"Quite, damned exciting stuff, Presidents XI getting a good pastin', Coatesworth showing off as usual. Reminds me of that never to be forgotten game in er...."

"Ah yes, well I remember the 1946 Indian tour, in the third test they missed almost as many chances as young Garms in the first half today."

"I must admit, we must be getting a bit desperate when we have to rely on Geoff Ayers to put the ball under the bar for once!"

"Splendid stuff, I think fitness is beginning to tell, judging by the way Roger Davey is turning blue!"

"One all at half-time, I haven't known such excitement since Bradman's 100th test."

"Wake up Henry, they're starting again. I do believe Garms has scored."

"Don't be ridiculous, no IC centre forward has scored since that never to be forgotten goal by er...."

"Well dash it all, he's done it again and Bell's added another! Splendid goals, well played you chaps! I say Henry do wake up, I think Phil Webb could do with borrowing your wheelchair."

"Yes, Hm, I see what you mean, rather wobbly on the old pins what!?"

"Aha, there goes the final whistle, up to the bar Henry, mine's a double scotch."

"I haven't heard a whistle like that since the 1867 Stockton to Darlington Express. D'you remember Spofferth's 68 not out against the Australians in 1902, splendid knock...."

Team: C. Jones, P. Butler, J. Clarke, A. Stroomer, B. Franklin, C. Riley, S. Parker, G. Ayers, T. Coatesworth, S. Beall, M. Bansal, A. Garms, A. Rao, S. Gray.

Special thanks to Dr Dave Hardwick for organising the game and to Mrs Hardwick for an excellent tea afterwards.

train doesn't move. "Shoot everyone!" orders Stalin. They shoot everyone but the train doesn't budge. Stalin dies. "Rehabilitate everyone!" orders Krushchev. They are rehabilitated but still the train won't go. Krushchev is removed. "Close the curtains," orders Brezhnev, "and pretend we're moving!"

The publication of an anti-Soviet joke book suggests that things can't really be all that bad in the USSR if they're able to make jokes about it. (At least this is true of the compilers, identified as "AN, RN and KS", an architect, an artist and a writer, who are probably much better off than most people in the USSR.) Joke books wouldn't be compiled by people in constant fear of arrest, and the editor says in the introduction that "Brezhnev does not yet put people in prison for telling jokes". (The publishers seem to want to give the book a more anti-Soviet slant than it really has; the blurb says that "Russians who joke...are

Cricket

Everyone realised that a mistake had been made when our beloved President said he would play when asked at short notice. The rest of the team having assembled at 9:00am the skipper was given the job of dragging Mr Morton out of bed half an hour later.

Having lost the toss IC were inserted. Our now famous opening partnership, spurred on by Mr Simpkin's parents (our longest serving supporters), gave us a modest start. By lunch we were 76-4 at which point the game could have gone either way very quickly. IC picked up with scores of 55 from Clarke, 29 from Tear (no one thought he was capable) and 24 from Silva. We were all out just after 4:00pm for 189.

Having had his first two balls for four, Eastland was spurred on to pick up a wicket in the first over of Churchill's innings. IC on the whole bowled fairly well and picked up wickets quite regularly in the early stages.

Were it not for sloppy fielding and dropped catches we would probably have won. The result however was a draw. Rock Minton then led the way to the bar in an effort to get every pissed. Best performances were from Tear (4 cream eggs), Simpkin (2 cream eggs and chunder) and Himmers (many chunders).

Team: White (Capt), Simpkin, Clarke, Eastland, Halai, Morton, Silva, Waller, Tear, Himmers.

Badminton

There will be handicap badminton tournament on Saturday, May 22 at 10:00am Old Chemistry Building. Events will include mens and ladies singles, mens doubles and if possible ladies and mixed doubles (numbers permitting). The tournament will be open to all members of the club and a nominal entry fee will be charged to help pay for shuttles etc. To enter, sign name on club noticeboard in the Union or contact C. Mallaband, Chemistry 2.

running risks we could not dream of...") It's hard to tell if the jokes reflect any popular discontent in the USSR. The attitude of the compilers seems to be sort of cynical acceptance of the Soviet system, they regard it and its rulers with skepticism and some contempt but they seem to see it as an unalterable fact of life. Mocking jokes wouldn't be made by people who hated their government (for example the Iranians who hated the Shah). But being laughed at is harder to ignore than being hated, and the Soviet authorities would have to take reprisals on a Stalinist scale to stop the jokes spreading. In the West, the publication of this book, feeble though most of it is, will certainly have the effect of making the public still more sympathetic to Soviet and Eastern European dissidents. The dissidents (or at least some of them) are exploiting the fact that jokes are almost irresistible, a highly effective way of getting people on your side, a fact which a lot of other political and semi-political movements have failed to grasp.

N. Willson

Editorial



Mike—lost?

Still no indication of where the IC Union mascot Mike could have disappeared to. There has been no ransom, no telephone calls or secret notes. It appears that someone may have actually stolen it for good!

Next Week

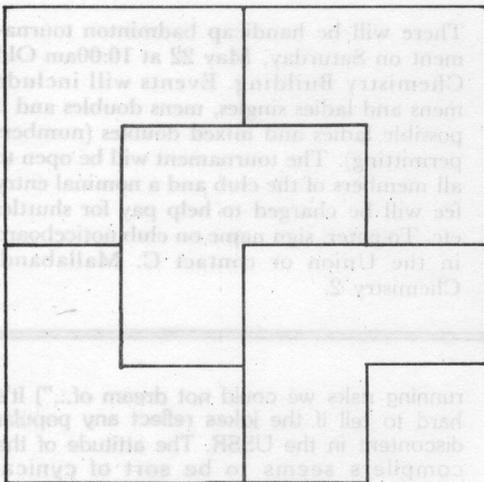
Next week's issue will contain the annual reports of the President, Acting DP and Hon Sec for your delight and amusement. Don't miss this thrill-packed issue!



Dissection puzzles. A farmer has a field which he wants to divide into five congruent fields for his five sons etc. etc. etc.

I must admit to not liking dissection puzzles very much. They're mostly far too difficult for anyone less patient than Job, and those which aren't tend to require an intuitive leap before the solution suddenly becomes obvious.

This week's puzzle, one of the few dissection puzzles that I find really entertaining, falls into the latter category. Some solvers will make the logical jump very easily, and will find the puzzle on the easy side; others, I promise, will not!



The first diagram shows how a square with the corner removed can be dissected into five congruent shapes. If the cornerless square is halved along a diagonal, the resulting shape can also be divided into five congruent pieces, as shown in the second diagram. The third diagram does the same feat on an equilateral triangle with the corner missing. This week's puzzle is to dissect an unmitigated square into five congruent shapes. There is a unique solution.

Solutions, comments, criticisms to me at the FELIX Office, please. £5 (donated by the ever-generous Mend-a-Bike) for the correct solution randomly selected at 1:00pm next Wednesday.

Caption Competition

Last week's winning caption was "Barney McCabe did it—how about you!" Mr Pallab Ghosh of Physics 2 wins the very appropriate prize of a haircut voucher from Jingles of Gloucester Road.

Another voucher will be given to the person who can supply me with the wittiest suggestion for where Mike, the IC Union mascot could be and/or who has stolen it. Entries to the FELIX Office by 1:00pm Wednesday.

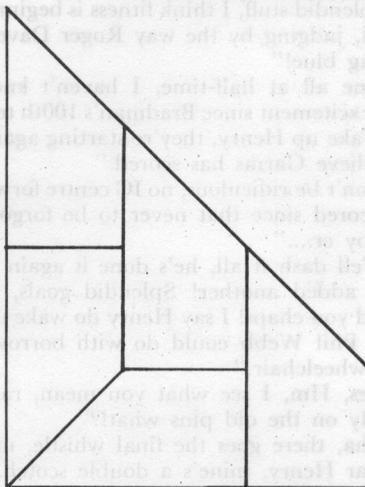
Injury Time

.....this hilarious programme will be recorded in the Concert Hall this Sunday at 7:15pm. Come along to see Griff Rhys Jones et al. Tickets free from the Union Office.

Credits

A special thank you to Martin S. Taylor and Jane Williams for photographs. Also Paul Bailey and his merry band who are still delivering FELIX on Fridays (you wouldn't get them until midday if you had to rely on me waking up).

More thanks to the regular crew: Peter, Pallab, Soheel, Steve, Ramzi, Jez, Nick, all the collators, Maz and Hugh.

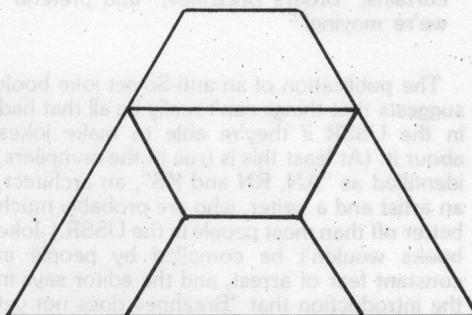


Last Week's Solution

20 padlocks are needed. For any three members of the Exec, there is at least one key they lack; and since everyone else has that missing key, every subset of three Exec members is associated with a different key which they don't have. So there are at least 3C_3 keys, i.e. 20 padlocks are necessary.

But 20 locks are also sufficient. Take each subset of three Exec members in turn, and give everyone except them the key to one of the locks. This satisfies the conditions of the puzzle and needs 20 locks.

Ken Morison, Chem Eng PG, was the only one to get it right, but honorable mention goes to Gary Smith who described a method of locking Mike in a box so that four people are needed to open it. His method uses fourteen padlocks, but since it needs a box as well I felt Ken Morison's solution rather more sound.



What's On

Friday, May 14

- Baha'i Soc AGM, 12:30pm, Brown Comm Rm.
- Soup Run, 10:30pm, Falmouth Kitchen.

Saturday, May 15

- Rag Fete, 2:00pm, Queens Lawn. Prizes, fun, bar all afternoon, climb the Queens Tower.

Sunday, May 16

- Theatre workshop and cast meeting for Edinburgh Fringe, 2:00pm, Upper Lounge. Anyone interested will be made welcome.

Monday, May 17

- Community Action Group AGM, 5:30pm, Rag Office, top of the Union.
- Dancing club advanced class, 7:30pm, JCR.

Tuesday, May 18

- Boardsailing Club: All coolcats who don't mind wet fur—come to our Tuesday meeting if you want to go to Mudsida Lake on Wednesday or Brighton (Flat calm guaranteed!) at the weekend.
- Cycling club pre-Brighton meeting. Anyone interested in becoming a member or even officer of the newest club at IC, welcome, 12:30pm, Southside Upper Lounge.
- UNSoc AGM, 1:00pm, Union Dining Hall.
- Liberal Club AGM, 1:00pm, Senior Comm Rm.
- ICCAG Soup Run, 10:30pm, Falmouth Kitchens.

Wednesday, May 19

- Dancing club intermediate class, 7:30pm, JCR.

Thursday, May 20

- Turn It On Again (first of three programmes), 1:00 and 6:00pm, JCR, Southside TV Lounge, Beit, Linstead, Weeks and Garden Halls. A browse through the STOIC archives, featuring material recorded over the last academic year.

INJURY TIME

A Radio 4 revue with

Robert Bathurst, Jimmy Mulville, Rory McGrath, Emma Thompson and Griff Rhys Jones

will be recorded on **Sunday, May 16** at **7:15pm** in the **Union Concert Hall**

Tickets available from Union Office.

HALDANE LIBRARY

sale of ex-library books

begins Monday
9:30 to 5:30

To run to the end of term with new books added every week!

Southside Shop: At last what you've all been waiting for—IC sweatshirts and T-shirts. We now have a large stock of colours and sizes. Prices: Sweatshirts £6; T-shirts £2.50. Don't miss the sportswear sale with reductions on all racquets and training shoes plus many miscellaneous items.

Beer and Bangers

Lady Flowers and the IC Wives Club invite you to Beer and Bangers at 170 Queensgate, Wed May 26. Names to Jen in the Union Office by 5pm, Friday May 21.