



# FELIX

Issue 932

1 May 1992

## Victim Around the World

Professor David Phillips is to be appointed as the Head of the Chemistry Department from the start of the next academic year. This follows the announcement that the current departmental head, Professor Steven Ley, is to leave IC after 18 years. Professor Ley will remain departmental head until the end of July and will take up his new position as BP Chair of Organic Chemistry at Cambridge University in October.

Professor Ley was chosen to head the major research group by a committee of international chemists. The post, financed by £1.5 million from British Petroleum, is one of Britain's top academic positions, and Professor Ley will be supervising 35 researchers.

Steven Ley's replacement, Professor David Phillips, has been Chair of Physical Chemistry at IC for the past three years. In 1961 Professor Phillips took a PhD in gas kinetics at the University of Birmingham, and three years later won a Fellowship to the University of Texas, where he did a Post-Doctorate diploma in photochemistry. In 1967, he moved back to England and became a lecturer at Southampton University where he remained until 1980 when he became a Professor of Natural Philosophy at the Royal Institute of Science, London. In 1989 he was head-hunted for IC's Chair of Physical Chemistry.

The Rector, Sir Eric Ash, who has to appoint the new departmental head, told iCNN that he encountered overwhelming support for Professor Phillips amongst colleagues in the department. Sir Eric said 'I was gratified to find that everyone I spoke to suggested David.' (iCNN).

*Honorary Secretary Elections  
Voting Tuesday 5th and  
Wednesday 6th May.  
Manifestoes on page 17.*



Courtesy of IC Public Relations

*Imperial College's rowing eight, pictured above, left for Japan today to compete in the Annual 'Tokyo - Henley Sister Race' against the best student university teams from countries around the world. Bristol University will be the only other team to represent Great Britain at the two day event. IC's boat club is the first team in the event's three year history to be invited back to compete after earning the 1991 title, 'Triumphant College Crew Winners'.*

*The team members are: Laurence Morgan, Bow; Daniel Forsters; Edward Wild; Karl Foreman; Luka Grubor; Ace Green; Stephen Ellice; Ben Poulton, Stroke; Carl Boon, Cox; Justin Waller, Sub; Bill Mason, Couch.*

## Swiped

The much publicised changes to College security will take effect from tomorrow (Saturday 2 May). The college security staff will take their positions at the four main posts around college - Sherfield, Beit Quad, Selkirk/Keogh halls and Mech Eng - from early on Saturday, and the officers at these desks will be assisted by roving patrols.

The swipe card entry system covers all departments and campus halls of residence and will be brought on-line in stages throughout the day. Ninety five percent of the system has already been tested and the rest will be checked before it is activated, but in the event of 'teething troubles' the old magnetic locks could be reinstated. Keith Reynolds, IC Chief Security Officer, has asked anyone who has

difficulty with the system to go to the security office in the main foyer of the Sherfield Building. Mr Reynolds said 'my priority is the students, especially those living in halls.' A large number of closed circuit television cameras are also being placed around the campus.

Earlier this week, third year physicists complained that they had not been issued with security cards. Security deputy chief, Terry Briley, told iCNN that they have not been issued with swipe cards on the instructions of their department, effectively denying them access after hours. He added that if any students living in college accommodation did not have swipe cards, they should come to room 150 in the Sherfield building. (iCNN).

## Sail

The Imperial College Jet Sea team has returned victorious from the 'Martinique Jet Sea Cup,' a nine day off-shore yacht race. The team, headed by Tim Parsons and skippered by the world famous Jerome Picard, consisted of Emmanuel Gringarten, Evelyn Joslin, Jean-Christophe Normand, Emmanuel Omont, Richard Sem and Severine Vadon.

After the victory, Mr Parsons told Felix that 'we won first and third races which gave us a good lead, but the other boats caught up in the next few races, until in the last race, we were threatened by ENSEM Nancy. It was right down to the finish line until we made a good tactical decision that allowed us to snatch victory from the jaws of defeat.'



# EGM Motions

# Entertainments

## ICU Motion on Third World Debt (1), (2), (3) and (4).

Proposed by Jacob Tompkins, Civ Eng PG and seconded by Mark Richardson, Physics 2

### ICU Notes

1. That UNICEF estimate 500,000 children die every year as a direct result of the debt crisis.

2. That of the 17 most indebted countries, 14 are suffering rapid loss of rainforest area.

3. That last year the Third World transferred \$51 billion more to the West in debt payments than it received in new loans and aid combined.

### ICU Further Notes

1. That the British banks have played a major role in the debt crisis. In the 1980s they received an average of over £2 billion in interest payments a year.

2. That British banks have also received considerable tax relief for their provisions made for non-repayment of the debt, but have not actually cancelled any debt. It is estimated that the banks have now received over £3 billion in tax payer's money.

### ICU Believes:

1. That, without substantial relief, development in the Third World is impossible.

2. That the debts of the poorest countries should be completely cancelled.

3. That the debts of the other major debtors should be cut by at least one half.

4. That the June 1992 UN conference on Environment and Development in Rio de Janeiro must include such debt cancellation as an essential step towards protecting the environment.

### ICU Instructs

1. The president to write a letter to the Union's own bank expressing concern at the bank's role in perpetuating the debt crisis and

requesting a clarification of the bank's present policy.

2. The president to write to the Minister of Overseas Development urging the UK government to insist on substantial debt cancellation at the June 1992 UNICEF in Rio de Janeiro.

3. That all cheques processed by the Union be stamped with the message: 'Stamp Out Third World Debt Now!'

## STOP SMOKING

support group  
for people who would  
like to stop smoking

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-5 WEEKLY MEETINGS

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INFORMATION and MUTUAL  
SUPPORT

### NEXT GROUP

Tuesday 19th May, 5.15pm

Contact:

Margaret Reddock ext 3097  
or leave message on ext 3099

## Third World Debt (2)(3)(4).

(Hereafter edited due to space pressure)

In addition to the points raised in motion (1), motion (2) notes that the 'big four' high street banks advertised in Union Handbooks and that this advertising should be suspended until their Third World Debt is cancelled. In addition, their promotional material should not be published in any Union media subject to the same caveat.

Motion (3) asks that the 'big four' not be allowed to attend ICU Fresher's Fair and motion (4) asks the same for ICU Career's Fair until the bank's Third World Debt is cancelled. In all cases the President is instructed to inform the banks of the Union's decision if the motion is carried.

See page 17 for details of EGM.

The Sensible Season is upon us. Exams loom. It's time to knuckle down and get on with doing what, after all, we all came here to do in the first place. Drinking.

Even if you've been revising all Easter, there's still time to chuck it all away. The subject in question is, of course, the traditional Exam Blues Ball, a depraved mixture of food, drink, gambling, leching and exotic dancing, tonight in the Union.

Death Bang Party make their long awaited return. Led by the inimitable Dr Death Bang, the man whose penis needs no introduction, DBP are a bit saucy to say the least and definitely the best party band

around. Catch them on stage in the Concert Hall around midnight.

Headlining in the Lounge are firm IC favourites *The Trudy*. There will be bands on all night long, plus food, drink and the glittering gold lamé all star C&G Vegas-style casino.

Doors open at 8pm. The bar stays serving until 2am, everything finishes at 3am. Tickets available from the Union Office (£4.50) or £5 on the door. Bring your Union card. Remember, no entry to the Quad unless you've got a ticket or are a Beit Hall Resident.

Ents say: you'll wake up on Saturday with a head as vacant as Man Utd's trophy cabinet.

# Alumnus Day

Friday 8 May 1992. Staff and students welcome to all events. Details and bookings from Saksia Vrolyk on ext 8658, Sheffield Room 301a.

11.30am: 'Aspects of the Environment'. Read lecture theatre, Sheffield Building. The salutary story of acid rain damage to lakes by Professor Nigel Bell, Director of the Centre for Environmental Technology. Professor Richard Macrony will review the key changes taking place in environmental legislation and show the extensive effects they will have on business, industry and universities.

12.30pm: Lunch, hosted by the Constituent College Associations in the Union Dining Hall, £5 per head.

2.00pm: Departmental Visits. All departments will be open to welcome back former students and staff.

2.00pm: The Queen's Tower. The tower will be open until 6pm.

2-4.00pm: Visit to St Mary's Hospital Medical School.

4.00pm: Tea on the Queen's Lawn. £1.50 per head.

5.00pm: Rector's Address. Great Hall.

6.15pm: Evening Reception. With crash bar. Ante Room, Sheffield Building.

6.45pm: '1812 Overture'. Imperial College Symphony Orchestra will perform Tchaikovsky's 1812 Overture on the Queen's Lawn.

7.30pm: Alumni Reunion Day Dinner Dance. Featuring the Victoria Jazz Band. £18.50 per head.

A CARTOON

STREP ABOUT MY LIFE IN IMPERIAL





# Election Complaint

Dear Adam,

In the recent Sabbatical Elections, many of the rules laid down by the election committee were broken by candidates. One candidate did not include hustings information on his posters, leaflets were widely used as posters and one candidate went

over budget. It seems that the committee will not take action against such offences unless a complaint is made by another candidate.

In particular I am angry that Toby Jones was put in the position of having to choose whether to

disqualify his opponent, Jonty Beavan, for running over budget. As there were only the two candidates, disqualification of his opponent would have meant Toby would have only had to beat New Election to win. He felt that ordering a disqualification would not be a proper way of winning and would have produced bad feeling with the members of Felix. I wish to make it clear that I am not arguing that Jonty should have been disqualified—I wish him every luck in the future. I simply feel that such decisions shouldn't be left to the candidates themselves to make.

Surely when there are specific rules set out, it is the election committee's job to see that they are enforced, with automatic penalties. Why bother having rules, if it is optional whether they are to be obeyed?

A Matthewman, Physics 1.

## Editorialette

The only excuse I have for reducing this editorial to haiku-like proportions is that I felt I ought to accomodate the EGM motions opposite. I hope you find this useful and will attend the EGM to voice your opinion. Bear in mind the consequences for you if the motions are carried. Even though banks - or more correctly their shareholders - are money grabbing bastards, they do help finance many student activities and employ a percentage of IC graduates.

I know that most of you will be suffering exams in the next few weeks - good luck, and try to keep them in perspective. This means that Felix may be rather thin in future. If anybody would like to help with news gathering in particular, please come in to help on Wednesday afternoon. I will be the one running across the walls, nibbling my nails and making squeaking noises.

## Au Secours!

Dear Sir,

I am a second year student in the college 'Ecole Nationale Supérieure d'Arts et Métiers.' This college instructs mechanical and general engineers.

As the knowledge of English is very important for my future work, I would ask you, if you could find among the students of your college, someone who will be interested in welcoming me during my vacation,

in return for money or an exchange. I propose the period during the summer holidays.

I would greatly appreciate your consideration of my request, I shall be glad to send you any additional information.

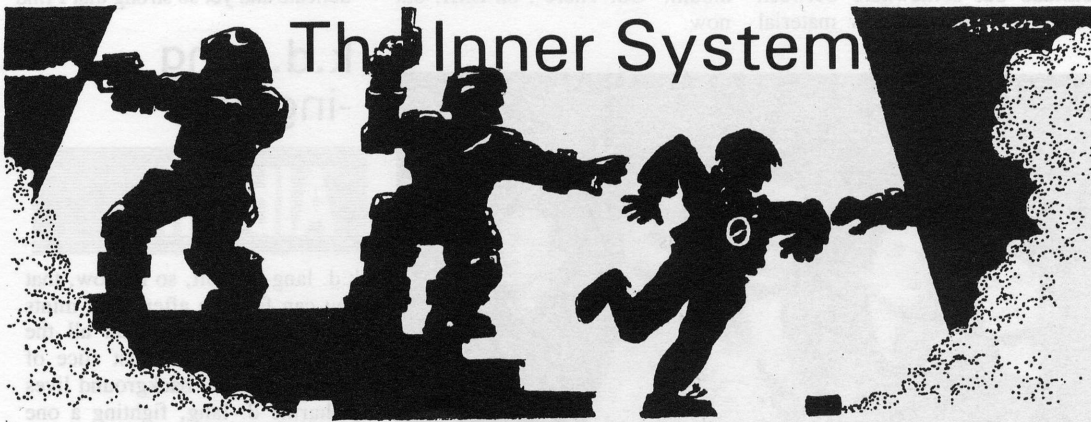
Yours faithfully,  
Christin Philippe (A307)  
19 rue du RICM  
13628 Aix en P<sup>ce</sup> cedex 1  
France.

Through the gaping hole in the ceiling of the disco prison shadowy figures leapt down on to the dance floor and the guitar stage. Sirens wailed and emergency lights flashed in the room. The prisoners thought this was another dancing session and began moving their bodies to the danger signs. The armed bouncers leapt forward to attack the intruders but as they closed in on the enemy and recognised their foes they uttered a cry of dismay.

'Oh no, not THESE terrorists!'

As the bouncers tried to close in on the terrorists they found that the enemy were now wearing bouncer uniforms. As the bouncers stood confused gas bombs went off immersing the room in white smoke. Laser lights flashed to the staccato beat of bullets echoed around the room as several bouncers decided that hitting anyone was better than hitting no one. The lasers, smoke and rattling bullets were inspiring the dancers who jerked more frenetically to the rhythm. Someone was shouting on the loudhailer to try and organise the prison guards. The excited prisoners shouted back the words, chorus style.

In the dense smoke figures grabbed Stress the prone form of Mercy Killing, propelling them back towards the hole. As Stress cowered down amid the fighting and jiving a massive beating, grinding sound filled the prison sending the guards into fear and trepidation and the dancers into faster gyrations. The sound increased until amid more smoke and dust a tunnelling machine broke



through the floor. The terrorists disengaged from the bouncers and leapt through an open doorway in the side of the machine. A final explosion of noise and light rocked the prison. Slowly the smoke cleared revealing the stunned guards and exhausted dancers. While the bouncers cursed the prisoners cheered.

'GOOD SONG!!'

'Kill him!!'

Carefree, standing over the body of her brother, Mercy, shouted it out and spat at Stress. Held tightly between two guards he stood in the dark cold headquarters of the terrorist unit. They had left the tunnelling machine shortly after breaking out of the prison. After running and crawling, mainly downwards, they had arrived at this dank room, somewhere in the belly of the lizard.

'I don't think so.'

The terrorist leader appeared out of the darkness.

'A LEPTON!!'

Stress stumbled back in surprise.

Gliding into the light came an androgynous figure; neither male, female or robot. The figure had a face covered in large round mirrored glasses and long thick hair. The body lay semi-reclined partly immersed in cables and wires which swept up to link with glasses and fingers. Stress was unable to tell where body ended and electronics began. Liquids and smoke bubbled up the tubes. The entity was clothed in black and silver and looked very relaxed.

'Hello Stress.'

Stress broke free of his captors and leapt forward to attack his sworn enemy. The lepton casually pointed his finger at Stress and cocked his thumb. The finger spat a bolt at Stress causing him to fall backwards into the arms of his guards. Stress felt the powerful mellowness bolt sending him helplessly into relaxation. He looked back at the lepton.

'What are you doing here?'

The lepton lazily smiled.

'I'm here to help you.'

'YOU?!'

'You want to get back at the inner system, don't you? They've been using and abusing you, haven't they?'

'Yes.'

'Well I'm giving you a chance for revenge. I have a mission for you. The inner system's designers installed a mechanism to change the inner system if the current one wasn't working. You must go out and find out where the mechanism is and how to activate it. You must look for the scientist. Will you do it?'

Stress paused.

'Yes, I'll do it. On one condition though.'

'What's that?'

'You'll remove the military chemicals inside my body that keep clouding my vision and prevent me seeing what should be done. I don't want to run headless anymore.'

The lepton grinned hugely.

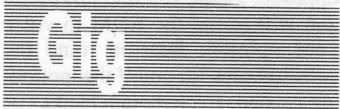
'Are you sure?'

'Yes.'

'That's agreed then.'



# Claytown Troupe -Marquee



It's a rare thing these days that a British rock band can boast the transition from the Marquee Club Rock nights to Wembley Arena in under two years. It's even rarer when the same band can claim to have made the same massive leap back to the Marquee a further two years down the road. So where did it all go wrong for *Claytown Troupe*?

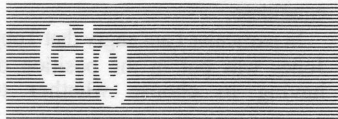
By tonight's performance there's not a lot that the band are doing wrong. More significantly though, there's not a lot that *Claytown Troupe* do that everybody else isn't already doing too. They know how to strut, they pose, they've got attitude but somewhere between 'The Veil' and the new material

they've let originality go down the Union Bar to bury it's head in a pint of Websters. Sadly it's a pretty general and bleak view of the British rock of the moment. To get anywhere instead of 'Out There', *Claytown Troupe* will have to drag originality back from the boozier (Pan pipes and all), sober him up and give him a good slapping, otherwise it's curtains, methinks, for Bristol's finest. There is a spark among the dying embers though, *CTT* can stick kick ass live, particularly with *Alabama*, *Ways of Love* and *Real Life* in the set list, and with a bit of an imagination injection, who knows, back to Wembley in '94.

**McCarter.**

● *Claytown Troupe* have an album, 'Out There', on EMI, out now.

# Thousand Yard Stare, The Jennifers -Venue



There was an American band on first, *School of Fish* I believe, but I can't remember much about them other than I can't remember much about them. *Thousand Yard Stare* came at the end and were their usual self, a kind of mindless bouncyness. Its strange how labels change, eighteen years ago they were tagged onto the end the Manchester thing, now their part of 'The Kids', interesting.

The real reason for coming was without a question, *The Jennifers*. They may have a combined age of little more than sixty (there are four of them) but they are so fine, so delicate and yet so strong that I find

it hard to fault them. Maturity, they may lack in terms of age, but is that important? Not yet, and hopefully never. Have they been corrupted? At the moment they lack a little experience but they can still move the most concrete of feet. They make you feel happy to be alive, it is a sheer joy to hear them. This because they make music that they love and they love making it. Its moments like these, the sheer excitement, that will remain with you far after the event. I find it very hard to describe things I like, if they had been crap the words would flow like blood from a deep wound.

Their sound may be out of fashion but fashion is for people without self belief. Here you will find the heart of music; this is what it's all about.

**Pebbles**

## k.d. lang -ingèneue



k.d. lang, so soft, so mellow, that you can feel the after eight mints being passed round, and all the people refusing that last slice of Vienneta, in the background lives katharine d. lang, fighting a one woman battle against capital letters. And now, as the curtains billow in the wind, we rise away from the dinner party, passing through a French-English dictionary in a vain attempt to discover what an 'Ingénue' actually is. The editor says it's an engineer, so there.

In summation, then, k.d. lang is ideal music to revise to. It won't distract you in the slightest.

**Lise Yates.**

● The album, and the single 'Constant Craving' are out now. k.d. lang plays the Hammersmith Odeon, May 8,9.

## Ukrainians -Ukrainians LP

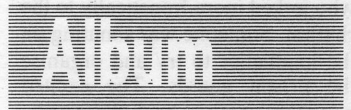


Winner of the coveted 'most peculiar piece of music in the Felix Office' for April 1992. The trophy's in the post. It's nothing like the *Wedding Present*, in case anyone was wondering. In fact it's quite tuneful, but I can't really see any major league appeal for Ukrainian music anywhere apart from Kiev.

**Lise Yates**

● *The Ukrainians LP* is out now on Cooking Vinyl/BMG, and they play at The Mean Fiddler on Sunday.

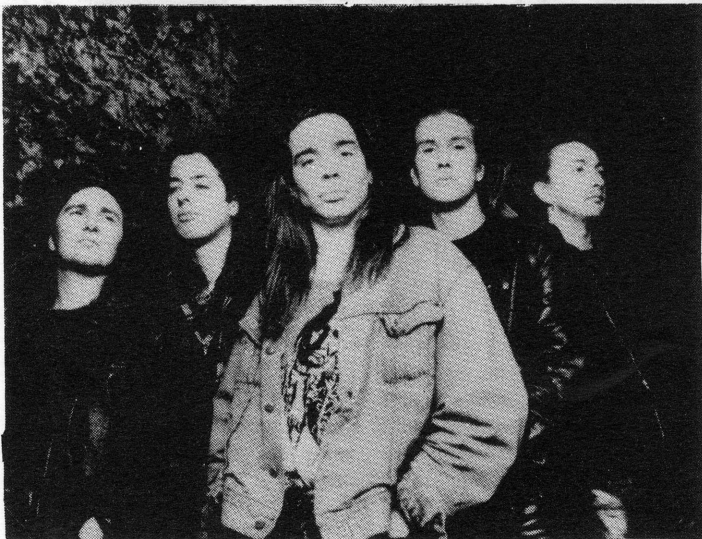
## Pele -Fireworks



I was looking forward to this. And it all started well enough, with the two singles, and then 'Policemen', and 'Fair Blows the Wind for France', the best track on the album by far, but then, at the end of the first side, it seems to go a bit downhill. The other side picks up a bit, with the title track but there's nothing much else of any real interest on there. Shame really.

**Lise Yates**

● *Fireworks* is out now on Polydor.



*Claytown Troupe: Which way to Wembley?.*

## Mend-a-Bike

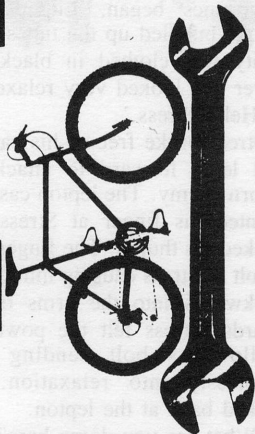
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## Xenophobic Foreigners Meeting

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# Shakespear's Sister, Candyland -T&C

## Gig

At the time of writing, *Shakespear's Sister* are currently at number one in the UK singles charts, and *Candyland* are not. More precisely, *Candyland* are sitting at number 76 with 'Rainbow'. On the relative strengths of tonight's performance, I'd say that Gallup are making it all up.

*Candyland* are rocking it tonight. Roaring their way through 'Kingdom', 'Fountain', and the rest. Growl. Their best tonight, according to the time honoured Felix polling method, was 'Something To Somebody', which was simply superlative.

*Shakespear's Sister*, in dresses more sparkly than Poddy's boots, have only four good songs all night: 'Stay', predictably enough was well

received, but Marcie's voice started to lose it in the opening section: 'You're History' was much better; and 'Goodbye, Mr. A' is third of these three songs, grouped together at the end of the set so that we have to stay to see them. There was then a long pause, an encore, another pause, and then, oh surprise, a second encore, with the final good song, 'Hello (Turn Your Radio On)'. Every other song they do just fits into a formula. To be frank they were disappointing. More amusement was found from the guy immediately in front of me, who, to be frank, couldn't dance to save his life. At first I thought he was a comedy sideshow.

Lise Yates

● *Candyland's* album, 'Suck it and See', is out now. *Shakespear's Sister* have a single, out now, and play Westminster Central Hall, 21, 22 May.

# PWEI -Metronome, Folkestone

## Gig

What is the point, I ask you? The venue is not overly packed tonight. Perhaps this is just a little too secretive. The tension is mounting. Enter *PWEI*. Anyone would have thought that Jason Donovan had just walked into a pre-pubescent school hall.

Clint & Co. proceed to showcase their new material, title-free, and heralding a return to their Stourbridge roots, so betrayed by their last album, *Cure For Sanity*, in which they sold their souls to the devil, and became a) a parody of their former selves, and b) successful. The new material, in

which they deny that they were ever a happening dance band, leads to a slightly lethargic attitude from the crowd, from which they are only relieved by the occasional insert of 'Can U Dig It?', 'Wise Up Sucker', and a particularly bleak 'Def Con One', sample-free, and desynthed in a guitar frenzy. And with 'Everybody's Happy Now', they're gone.

The crowd leave, disaffected with the lack of familiar tunes, disappointed with the showcase of new material, and live drummer. Maybe that's the point.

Lise Yates

● *Pop Will Eat Itself* release a new single at the end of May, and play 5 nights at the Marquee in June.

# Mega City Four-Shivering Sand

## 12 Inch

*Mega City Four* return after the release of their 'Sebastopol Road' album with three new songs, and lo and behold, they're actually quite good. The lead track blunders along

quite nicely, and rest follow it through in their own imitable style. All credit to them for not living off the album.

Lise Yates

● *Mega City Four* release *Shivering Sand* on 7", 7" Live ep, CD, and a very lovely looking laser etched 12". All on Big Life, out on Tuesday.

# Ride -Going Blank Again

## Album

This is hard. Gone are the rather harsh and grating clamour. 'Leave Them All Behind' is here, a majestic ramble that lacks nothing and has much more. 'Cool Your Boots' start with someone muttering something about stopped clocks but wait a few seconds and a track hits you between the eyes that will leave a mark for years, times to come. They have left the harshness that was so at home in the small, dark, venues. This is music on a far greater scale. It burns into your mind

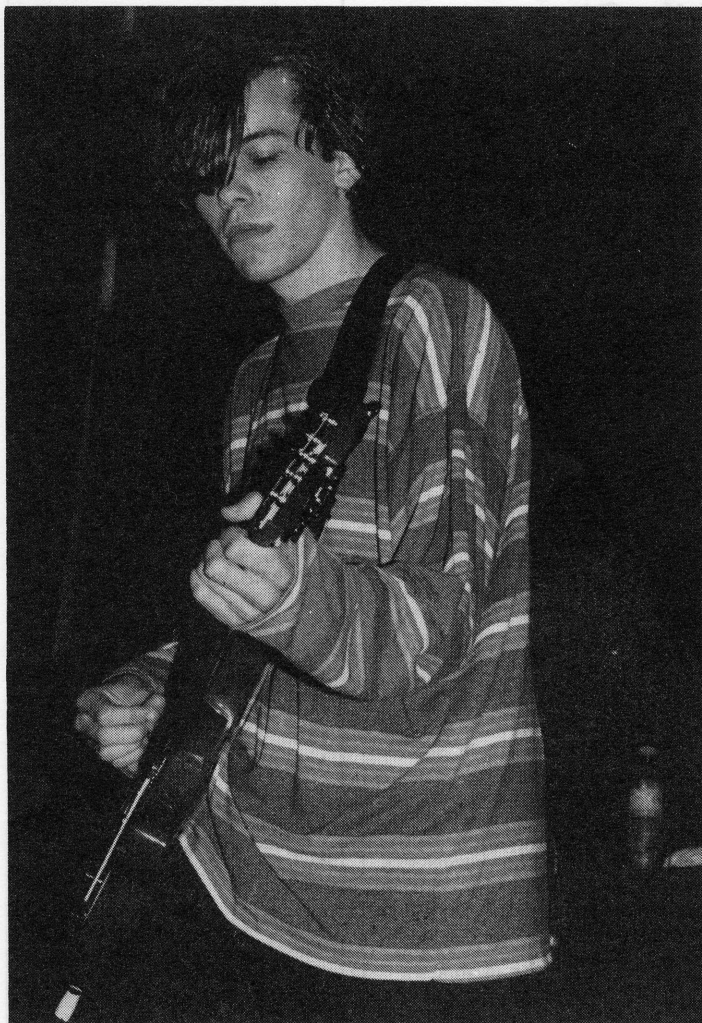
leaving tracks and splinters still smouldering. They still look like four of the most miserable bastards in the world but it's the music that counts and here it comes in bucketfuls.

The vogue may have gone and many of the lesser players have long since left the field but they will remain.

It may not move them from the realms of culthood to the palace of mass popularism; it's not an album for your Mum to relax to. It's a classic; it's not their best. Yet.

Pebbles

● The album, and the single 'Twisterella' are out now on Creation.



(Liz Holmes) Ride on Harvey Moon.





Sweet Jesus: Christ Almighty.



Live: Live this week.

## Great Orchestras of the World - Barbican

### Concert

The Barbican's 'Great Orchestras of the World' season opened with the Leipzig Gewandhaus Orchestra giving a performance of works by Richard Strauss sponsored by Deutsche Bank AG London. The acoustics of the Barbican concert hall are strange. Visually you feel close to the action but aurally you feel quite far away. This is Germany's oldest and most respected orchestra and has had Directors such as Mendelssohn, Wagner, Mahler and Richard Strauss.

Their first piece was 'Metamorphosen', a study for 23 solo strings. Strauss was inspired to

write this upon the destruction of the Munich State Opera House in an air raid in 1943. It's a gentle, complex and atmospheric piece and the finale held me transfixed.

They also performed four songs with Julia Varady singing soprano, and Till Eulenspiegels which is a light-hearted orchestral showcase. And they did show off. I found it all very impressive. However, the music buff (thanks Thomas) that I was with found the performances uninvolved and dry. I found the performances highly professional and enjoyable. Mr Music Buff, however, did not. I clapped. He didn't.

#### Miss D

• For information on future concerts call the Barbican on 071 638 4141.

## X-Ray Friendly Media

Returning from the Easter break, to find a plethora of good gigs coinciding precisely with my exams, I can simply pass on the good news to you, and hope that you behave responsibly and with due respect to the series subject of studying and the like. If not...

Tonight, ignoring IC Ents Exam blues ball, ULU has a much better selection of bands, namely *Revolver*, whose latest ep, 'Venice' (Hut Records), has a cover of *Strawberry Switchblade's* 'Since Yesterday', which qualifies them as possessors of extremely good taste, together with *Sweet Jesus*, whose last single, 'Phonefreak Honey' (Rough Trade) was well recieved by all and sundry, Lise included, *Wonky Alice*, and *Butterfly Child*. Alternatively, the notably good

*Trash* support the distinctly crap *25th Of May*, named after the day the Belgrano was sunk. On the cheaper side of town, *Scorpio Rising* play a short set at HMV Oxford Circus at 5.30 tonight.

Monday sees the return of *The Fatima Mansions*, darlings of King Burger Spoonhead, promoting a new single, supported by *Live* whose 'Four songs ep' was released in March, and for those of you into a little lighter entertainment, the return of Australia's *Björn Again*, to London's coldest venue, Clapham Grand.

Tuesday features Creation's *Adorable* whose debut 'Sunshine Smile' single was released a week or so ago, and is well worth a listen. This seems an appropriate moment to introduce you to the delights of XFM, 101.2, which those of you living in taller buildings might be able to pick up.

Wednesday's main band is *The Adventures*, Polydor's new signings, of 'Broken Land' fame. Well worth seeing. Rock 'n' Roll! **Poddy.**

## David Byrne - Uh Oh

### Album

Sounds like *Talking Heads*.

Next week in 'The Bloody Obvious', the column that told you *Extreme* are crap, the truth about *The Trudy*, how old are they?

**Pebbles**

• 'Uh Oh' is out now on WEA.

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**£52,950**

#### TONIGHT

**Scorpio Rising. 5.30pm,** HMV Oxford Circus, Free. Oxford Circus tube.

**Revolver, Sweet Jesus, Wonky Alice, Butterfly Child.**

ULU., Malet St, £5.

Russell Square. Goodge St. tube.

**The 25th Of May, Trash.**

Powerhaus, 1, Liverpool Road, £5.

Angel tube.

#### MONDAY

**Fatima Mansions, Live.**

Powerhaus, £5.

Angel tube.

**Björn Again.**

Clapham Junction Grand, £10.

Clapham Junction BR, or 45A bus from South Ken.

#### TUESDAY

**Björn Again.**

Subterania, Acklam Road, £10.

Ladbroke Grove tube.

**Adorable, Suede.**

Borderline, Orange Yard.

Manette St, £5.

Tottenham Court Road tube.

#### WEDNESDAY

**The Adventures, Looking For Adam, Freefalling.**

Mean Fiddler, 24 Harlesden High St, £5.

Willesden Junction tube.



# Madam Butterfly

Opera

Blood red flowers strew the garden where the American sailor Pinkerton chose his musmee, Butterfly. For him, it is a marriage of convenience to pass the time before his next posting. For the young innocent, it is her life. It is the tragedy of the blind faith of one of Japan's most glorious assets, its women, against the western casual lover. Her dogged belief in her 'husband' is all the more pitiful as he returns with his American wife to adopt Butterfly's son Sorrow. With her one last reason to exist gone, she ends her desolation by her father's sword.

This is not a depressing piece. Butterfly's eternal enthusiasm beams through her companion's realism. Susan Bullock as Butterfly could never be taken for a 15 year old Geisha, but then suspension of reality is at the heart of such a rending performance. Her vocal emotion and dexterity did not fail

JUSTIN PUMFREY



to entwine their audience into her exploited world in 19th Century Japan.

David Rendall, as Pinkerton, gave an equally stoical portrayal, every mannerism and tone expressing his temporary affection, disregarding Butterfly's dedication, as she abandons family and religion to honour him alone.

The set is stark but striking. Strident images grasp at the flimsy Japanese screens. Pinkerton leaves,

and the abandoned garden returns to grey mud. Now it is Butterfly's colour that cheers the drab and disrepaired house.

This is a glorious and emotive production - everyone should experience Butterfly.

## The Dissident

●Madam Butterfly runs at the London Colosseum to June 18th. Tickets £4.50 ( on the night ) to £42. All operas are performed in English.

Trooper thinks only of 'a ghost (he) must bury' in the town. What this means is held a mystery until the end. Trooper is such a gentle man, yet he feels such guilt. We can only guess why.

Although this mystery lies at the heart of the play, *White Woman Street* is far from a mystery. The core is human nature, how we judge ourselves, and torture ourselves for the past. In this field, the play is hugely successful. Its failing lies in another area.

To enjoy a play, film or book to the full, you must be able to suspend your disbelief, immerse yourself into the production, so that you are living it, and become part of it rather than just 'watching a play'. The scenery is elaborate at best but watching five men ride across the American landscape without horses, can stretch your sense of perspective quite severely. Either you can take it, or you can't. If you can then the play is good. If not...

*White Woman Street* will be showing until the 16th May with a performance for deaf people on the 7th. The Bush Theatre can be reached on 081 743 3388, and can be found on Shepherd's Bush Green.

Stef.

# Star Wars

Book

Yes, they're back in the first book of the new *Star Wars* trilogy, picking up where the movie trilogy left off. Five years after the destruction of the Death Star and the defeat of the Emperor, Darth Vader and the Empire, the rebel alliance is in the process of setting up the New Republic. Our old friends from the films are all busy of course. Han Solo is now chasing around in the Millennium Falcon with the Wookiee, Chewbacca, trying to enlist smugglers to the cause. Princess Leia Organa Solo (you remember that Han and her finally got it together at the end of *Return of the Jedi*) is now a diplomat and trainee Jedi and Luke Skywalker is still a wishy-washy dreamer even if he is a Jedi now.

Anyway, while the heroes are all pottering around in their new Republic, things are stirring in the Empire's little corner of the galaxy. Things like a Grand Admiral with amazing tactical prowess. Things like a clone of one of the old dark Jedi. Things like a massive store of Empire technology and long lost military secrets. Things like little furry snakes which cancel out all affects of the Force ('May the force not be with you' I suppose!).

Before we get very far the Empire is making its comeback. Out come the Star Destroyers and TIE fighters, X-Wings and Star Cruisers and the battles begin again in the same old War. To make things even more interesting, a little bit of unrest in the New Republic's council is thrown in for good measure and we find out that Leia is carrying two Jedi twins which the empire is out to kidnap.

This is an exciting read, full of all the sort of action we've come to expect from the films. It certainly kept me enthralled with plenty of throwbacks to the original trilogy and an excellent sense of continuity.

I recommend this book to all *Star Wars* fans and sane people alike. As far as more possibilities go, it's been nearly fifteen years since the first *Star Wars* movie and I do wonder if we will see Mark Hamill, Harrison Ford and Alec Guinness again in a new set of films. Well they did it for *Star Trek*.

FoB.

# Digging for Fire and White Woman Street

Theatre

*Digging for fire* is unfortunately no longer showing at The Bush, or indeed anywhere. I am mentioning it here to bring these points to your attention. The play was probably the best I have ever seen, for the following reasons. The venue was very good, the company of actors was excellent, and the playwright a genius in his analysis of human nature.

I therefore ask of you to remember the following and look out for them in the future. The *Bush*

Theatre, the *Rough Magic* theatre company and the playwright *Declan Hughes*. *Rough Magic* will be performing another *Declan Hughes* play, *Love under Bottles*, at the *Tricycle Theatre* (071-328-1000) from the first of June. A review will be forthcoming at about that time.

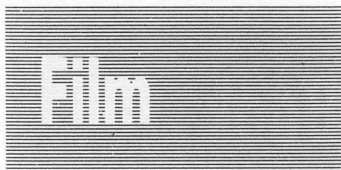
Now to a play that you can still see. *White Woman Street* was a small trading town near Ohio. In the late 1800's, it was so named because of its brothel, which was said to contain the only white woman for 500 miles. In the 1890's, a woman was said to have been brutally murdered there. The murderer was never brought to justice.

Twenty years later, five outlaws are heading toward the town. They follow a man known only a 'Trooper', due to his having fought in the indian wars. The play opens with a long monologue from Trooper, and as the play continues, each character vocalises his thoughts, as well as talking to the other characters.

All but Trooper talk of the gold train they are to rob there. James Miranda imagines himself a 'proper gentleman', with enough money that his colour will no longer matter.



# Grand Canyon



In 1991 Los Angeles, six people's lives intertwine in a way that will mark them forever. Transformed by a series of unsettling and often surprising encounters, these six—family, strangers and friends—come together in writer-director-producer Lawrence Kasdan's probing look at his adopted home. As the world around them careers seemingly out of control, each tries to bring a semblance of civilisation to his/her life—and to keep the fear at bay...or so the press material says. It does admittedly sound rather boring and 'plot-less' but what ensues over the 2 hours 14 minutes odd of brain-bashing is something surprisingly clever, disturbing yet soothing, harsh but realistic.

The story in its skeleton form is a drama about big-city dwellers grappling with the harsh realities of contemporary urban life—you know the sort of thing—murder, racism, rich and poor etc. Kevin Kline and Mary McDonnell are Mack and Claire, a couple with a teenage son teetering on the brink



of adulthood. Claire's life is at a turning point, and she is finding her society an even more confusing place. Mack is an immigration lawyer, increasingly obsessed with the fragility of life. His fears nearly become real one night when he has a brush with disaster. Danny Glover is Simon, the tow truck driver Mack credits with saving his life. Simon is trying to maintain his family, which includes his deaf daughter and his sister, who lives in fear that

her children will not survive the neighbourhood gangs. Steve Martin is Davis, Mack's best friend and a successful producer of brutal, ultra-violent movies. Mary-Louise Parker is Mack's secretary, Dee, and Alfie Woodard is her best friend, Jane, two single women trying to overcome the loneliness of a harsh urban life.

We do have, I'm glad to say an exceptional film—it's a tapestry of characters, it's about the smallest

things and the biggest things—but it never gets too soppy, remaining unnervingly realistic. These people aren't trying to change the world—just trying to accept it and make their lives better by trying to understand it. We have a great cast—a fantastic soundtrack and superb ending. If you see one film during your exams see this, in fact see it anyway—humans at their best.

**Poo.**

## Aliens - special



This is not *Alien 3*, although there is a trailer for it before the film starts. This is the second of the trilogy re-released on video with an extra seventeen minutes of footage previously unseen and is sometimes pompously described as the Director's Cut. So what do we get for £12.99? Well, I received a freebie poster from Woolworths as well as my seventeen minutes—but are they worth it? Basically yes. The story has definitely filled out. Ripley (Sigourney Weaver), for those who remember the first film, *Alien*, has a daughter and she intends to return to being her mother despite having been in

suspended animation and drifting in space for fifty-seven years. We are also shown the colony on Plane LV426 prior to the Alien emergence and introduced to Newt (the eight year old girl Ripley befriends). The remaining minutes are devoted to four automatic sentries mentioned in the earlier edition but never actually seen. All in all definitely a meatier version storywise but little extra actionwise. If you do not already have a copy and have waited for it then it is worth the wait. If you do have a copy I would advise renting the special edition beforehand.

P.S. If you have seen videos in the shops with 'Widescreen' on the cover (such as *Star Wars* and *Die Hard*) *Aliens* (special edition) has a few clips to demonstrate the effectiveness of this format.

**The Phantom Crapper dumps his load on Poo.**

## Photocopier II



This, the second in the series of photocopiers, comes to us in colour, unlike the original's atmospheric black and white, and with marvellous sound effects in Dolby Stereo (selected theatres only). It's just like being there.

The hero of the photocopier is a rabbit, whose name we never find out, and Photocopier 2 is about his exploits through the galaxy of paper duplication. At only 5p (B&W) or 40p (Colour) per sheet of A4 this must be the entertainment bargain of the year.

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afraid). Come and see  
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the Felix Office, Beit  
Quad.**

Mario D'Onofrio



## Reduced Shakespeare Co. - complete works

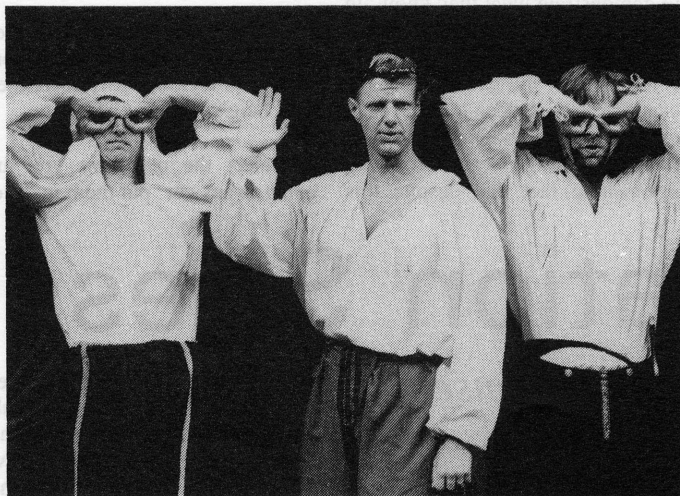
### Theatre

The RSC tear through Shakespeare's works, from *Romeo And Juliet*, not quite as quickly as Dire Straits managed, but quite quick nonetheless, to *Hamlet*, faster than the cigar commercial, like their rival West Coast Dudes Bill and Ted. Their treatment of Othello, the moor, is outstanding. At least, it would be outstanding if it wasn't surrounded by 36 other exceptional pieces. Totally fuckin' awesome. Excellent, Ted!

AND Whether you love or hate Shakespeare and whether you love or hate that awesome, west coast, surfing scene, you won't be able to sit through this with a straight face. I know. I tried. It's sharp, imaginative, energy-packed and just damn silly at times. Buy two tickets, take a friend and get a taste of our literary heritage - American style. You won't regret it.

● Arts Theatre, Gt. Newport St. (Leicester Square tube), Monday-Friday, 8pm, Saturday, 5.45, 8.30. £6.50-£16. Standbys available from 10am every day. £3.50.

The Lise Yates and the **totally** awesome Miss D.



## Sikulu

### Theatre

The first five minutes of this show are breathtaking. Fantastic costumes, powerful voices, fierce drumming and traditional South African dancing. And then you wait for something else to happen, but nothing else does happen. Sure, they change costume and tempo and scenery but basically it's the same formula. There's an attempted storyline but I think this was just put in to give the dancers time to change costume. There was no real attempt at acting (I hope!). The awful sound and lighting didn't help and it all became too much for me when the vicar started grooving.

If I want to see a carnival, or better still be part of it, I'll go to Notting Hill in August. If I go to the Theatre I expect more than this. They do what they do really well but it's not enough to make Theatre and it wasn't enough to keep me there after the interval.

● The Queens Theatre, Shaftesbury Avenue, Mon-Thur 8pm, Fri & Sat 5 & 8.30pm. Tickets £8.50 - £23.50. Box Office 071 494 5040. Darwen

## Worshippers and the Way

### Book

The Nexus is a cosmic empire, spanning universes and civilisations. Unfortunately the Chasm Gates, trans-spacial doorways, between these universes, collapsed over twenty millennia ago.

This is the backdrop of Hugh Cook's latest novel *The Worshippers and The Way*.

Asodo Hatch, a purple(!) skinned, muscle bound, Frangoni warrior, has family problems, money problems and a wavering religious conscience. His opponent, Lupus Lon Oliver has none of these. Diminutive, red-skinned, an Ebrell Islander his only problem is the large superiority complex

inherent in his race. He is a member of the free corps, dedicated to the Nexus, and one can't help but wonder if the Nexus is still around now, 20,000 years since the Gates collapsed. He is also in love with Asodo's sister who is currently obsessed with evolving into a fish by spending as much time as possible, sat fully clothed in the bath! To add a little extra space, a long dead religion, which killed billions of people before the Gates came down, manages to rear its ugly head and before we know it we have two conflicting coups underway with Asodo and Lupus bang in the middle. The book proceeds with no end of deals and sneakiness on all parts, all narrated with an undertone of dry wit, that of a bemused observer. Whilst complete in its own right this is the ninth volume of Hugh Cook's spectacular fantasy epic. A well written gem of science fiction

fantasy the only bad point with this book is that you'll immediately want to rush out and buy the other eight.

FoB.

## Mikado

### Theatre

If you voted Conservative, then go and see this; it requires a big helping of 'suspension of disbelief'. Gilbert and Sullivan is to opera what Airplane is to cinema - a big, camp, mickey-take. There is some still-relevant satire at the heart of it,

but you have to work very hard (some would say too hard in these surroundings) to get at it, and it might well put you off 'real' opera if you're not already hooked.

But as *Mikado*'s go it was a fairly good production. Some of the singers were good, especially Katisha (Jill Pert), Ko-Ko (Fenton Gray), Yum-Yum (Lesley Echoross) and Nanki-Poo (Julian Jenson). However, from the back of the stalls it was hard to hear the words in ensemble sections. The staging was clever with lots of funny effects, (although the ENO's version, I think, just outshone it). If you can afford it and can battle through the 'Politically incorrect' aspects then you will have a mildly satirical 'hoot' and hear some familiar tunes.

● Sadler's Wells Box Office - 071 278 8916.

Charley.



**Written, formal examinations** have a hallowed place in academic life, and while, from time to time, educationalists have espoused alternative methods, they are widely accepted as the fairest and most efficient means of assessing students' knowledge and understanding.

The written examination is not however by any means a precise instrument. It is certainly possible, for example, on individual papers,

#### Playing the examination game

Examinations are to some extent an abstraction from reality, an artificial construct. They are a sort of game in which the participants are invited to demonstrate what they know, in writing, on a blank piece of paper, in a set time. An important component of the game is that the examiner is forbidden to give credit on any other evidence than that presented in the script. It is an astonishing fact that despite this

Some basic and well recognised components of a good examination technique are as follows.

1. Read the question paper carefully, preferably twice. Errors of perception are highly correlated with heightened anxiety.
2. Select the questions you are going to answer, put them in order

symptoms, is a normal reaction to testing and stressful situations. Everyone is affected to some extent and should be aware of it. You tell yourself that you are anxious, that it is natural, and that you can handle it. In doing that, you minimise the risk that the anxiety may escalate to a point where it become disabling. Again there seem to me to be some commonsense ways of handling this problem.

Arrive early—far better be biting your nails outside the examination room, than sitting in a traffic jam at Earl's Court. Once you are in the examination room, sit down and relax for a minute or two before doing anything.

To a certain extent anxiety is contagious. If you feel that this is a hazard for you, then 'keep yourself to yourself' before admission to the examination room. It may also be worthwhile resisting the impulse to compare notes with all your friends immediately after an exam.

It is also a good idea in the examination itself, not to let yourself be thrown if your neighbours appear to be writing with more facility than you are. They may, for all you know, be writing rubbish, and in any case, inordinately long answers do not necessarily bring the best results.

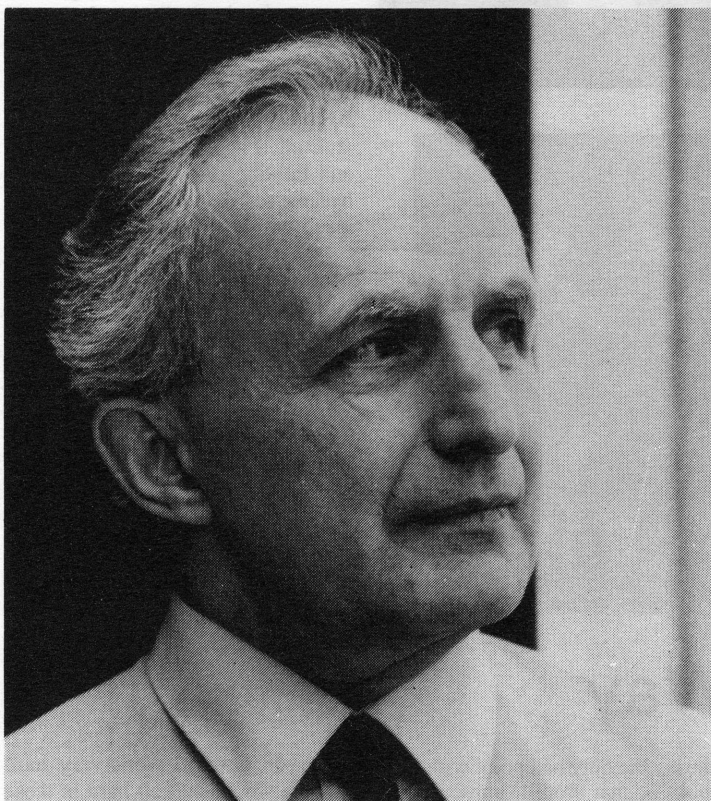
The most common symptom of anxiety getting out of hand, is an overwhelming sense of panic, a temporary breakdown of our rational and ordered response to a demanding situation. In an examination this may, for example, take the form of 'blanking-out'—completely forgetting everything. The remedy for this is to switch-off, close your eyes, and do nothing for a while.

This is far better than yielding too easily to the powerful impulse to resolve the tension by giving up altogether. When you feel that the anxiety attack has abated, try getting your mind working again by using a 'scribble technique'. Just write down words—any words—which lead to other words, until you feel that your faculty of recall is available to you again.

A final point, if you have a history of becoming particularly anxious at exam times, or if for contingent reasons you think that you may do so this time, it would be sensible to talk to someone about it well beforehand. Tell your personal tutor or your senior tutor, talk to a doctor or nurse and the Health Centre, or come to see me. Just a small amount of practical help may make a substantial difference in the event. My office is at 15 Prince's Gardens, and my phone number is 3041.

# Examination Stress

*Don Adlington, Student Counsellor.*



to come up with a 'fluke' result, that is a result markedly better than the student's actual ability would have led one to expect. It is also unquestionably possible to come up with results that are worse than either the student or his teachers anticipated, and which do not fairly reflect the student's abilities.

The risk of systematically underperforming in a set of examinations is linked to two separate, but closely related, factors:

a) an inadequate technique for playing the examination game, and

b) an inadequate recognition that a formal examination, like any other testing situation, can generate levels of anxiety which in themselves may have an adverse effect on intellectual functioning.

elementary point, some students insist on abandoning commonsense to the extent, apparently, of playing another game altogether. A common manifestation of this is the student who spends an hour and three quarters (out of three hours) writing, re-writing, polishing and perfecting one answer out of four or five required.

Another common departure from the rules consists in writing out the answers without properly reading the questions. There are two, equally devastating variants to this:

a) not selecting the questions which optimise the candidate's chances of scoring high over-all, and

b) misreading individual questions and subsequently writing an answer to a question which, in effect, is not there.

and write out a simple time-table, allowing the same time to all questions (assuming the same maximum marks for each). Allow about fifteen minutes for the planning and five minutes at the end for finishing off and checking for simple errors. Some people find that it helps to make quick notes on each question at this stage.

3. Be disciplined in adhering to the time-table. Recognise that the first few marks accruing to a question can be obtained far more easily than the last few—and it is the total mark which counts. If you get stuck in the middle of a question leave it and deal with the next one. You can always return to the unfinished answer later, and indeed the very act of disengaging from the difficulty may allow a resolution to surface when your mind is actually focused on something else.

4. Answer the easiest question first, so that you can proceed to the others on a psychological 'high.'

5. Don't be afraid to make rough notes in your answer book. When you are answering one question, ideas relating to other questions you are going to answer may come into your head—jot them down. Similarly on entering the examination room, and possibly before reading the paper at all, you may wish to write down very quickly salient points which you have memorised in your final preparation.

It is, of course, essential to rule out rough work very clearly, so that the examiner knows that it does not form part of your answer.

6. If you run out of time, tell the examiner so, and say which points you would have gone on to discuss if you had more time.

#### Dealing with anxiety

A degree of anxiety, accompanied by recognised physiological



# No third degree.

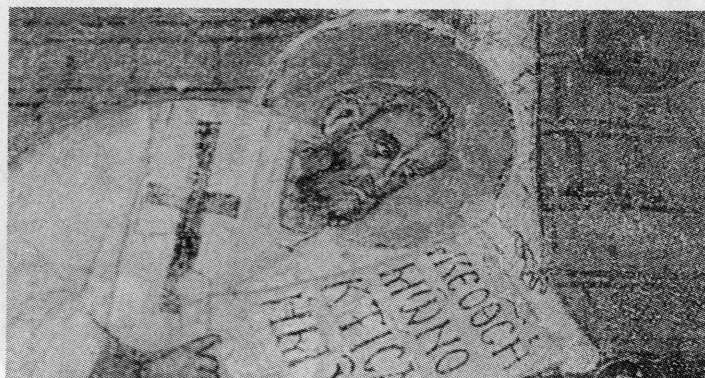
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# Macedonia: the facts

The 'Macedonia Question' has been poisoning the relations between Balkan nations even before the fall of the Ottoman Empire. Its knowledge is one of the major keys to understanding the restlessness and ethnic rivalry which is the trademark of 20th-century Balkan and European History.

The interests of the Great European Powers (with the exception of the UK which has taken a fairly uninvolved stance) and of the lesser regional powers, having shifted often during the 19th and 20th centuries, all these nations have played around with the ancient History, linguistics, geography and recent History of Macedonia, in order to support their diverse and rival claims on this area.

This article is an attempt at setting the record straight, using neutral, scholarly sources, and at denouncing the tapestry of lies, patiently woven by each country to favour its own interests!

## The situation today

Before getting to the historical arguments, it is good to know the political situation nowadays: Macedonia is a region of Northern Greece: one of the largest regions, with 2,200,000 inhabitants, the capital of which is Salonica (Thessaloniki), the second Greek city in size and importance after Athens.

From 1944, when Tito, the communist absolute ruler of Yugoslavia, re-organised the country, until last year, there was a second 'Macedonia', one of the constituent Republics of the Yugoslav Federation, with 2 million inhabitants. Before 1944, this region was known as South Serbia or 'Administration of Vukovar'. Although it is universally recognised that this former constituent Republic is one of the less homogenous regions—ethnically and culturally—of the

world, its government now seeks its transformation into a sovereign state. For this to be achieved, a systematic stifling of all political disidence, cultural differences and ethnic identities within it, is attempted.

## Ancient history of Macedonia

According to the famous ancient Greek historian Herodotus, whose texts are the closest to the considered period reference, the Macedonians were these Doric tribes which, instead of moving southwards towards southern Greece and its isles, stayed close to the river Haliakmon, at the North of the Greek Peninsula. According to the Encyclopaedia Britannica, since the Macedonians were not seafarers and had not therefore taken advantage of their coastal areas, these were colonised by one of the most dynamic Greek cities of the time (750-650 BC), Chalis, on the Greek island of Euboea, a few miles from Athens. The ethnic composition of Macedonia became thence exactly identical to that of the rest of Greece. Today, still, the main coastal area of Macedonia, in Greece is called Chalkidike.

The name Macedonia was first conferred to this area by its King Amyntas III (reigned 393-370 BC), the grandfather of King Alexander the Great. At that time, Greece was composed of independent sovereign cities (like Athens and Sparta) and their dependent areas. It had ethnic, linguistic and cultural unity, but no political one.

Alexander the Great gave Greece its political unity, through war as well as intricate diplomacy. He can therefore be considered as the first King of Greece.

He went further, driving the united Greek army to the East: Iran (Persia), Iraq (Mesopotamia), Afghanistan, Syria, Egypt and India. This time (ca. 330-280 BC) was named the 'Hellenistic Period', after the Greek name for 'Greece',

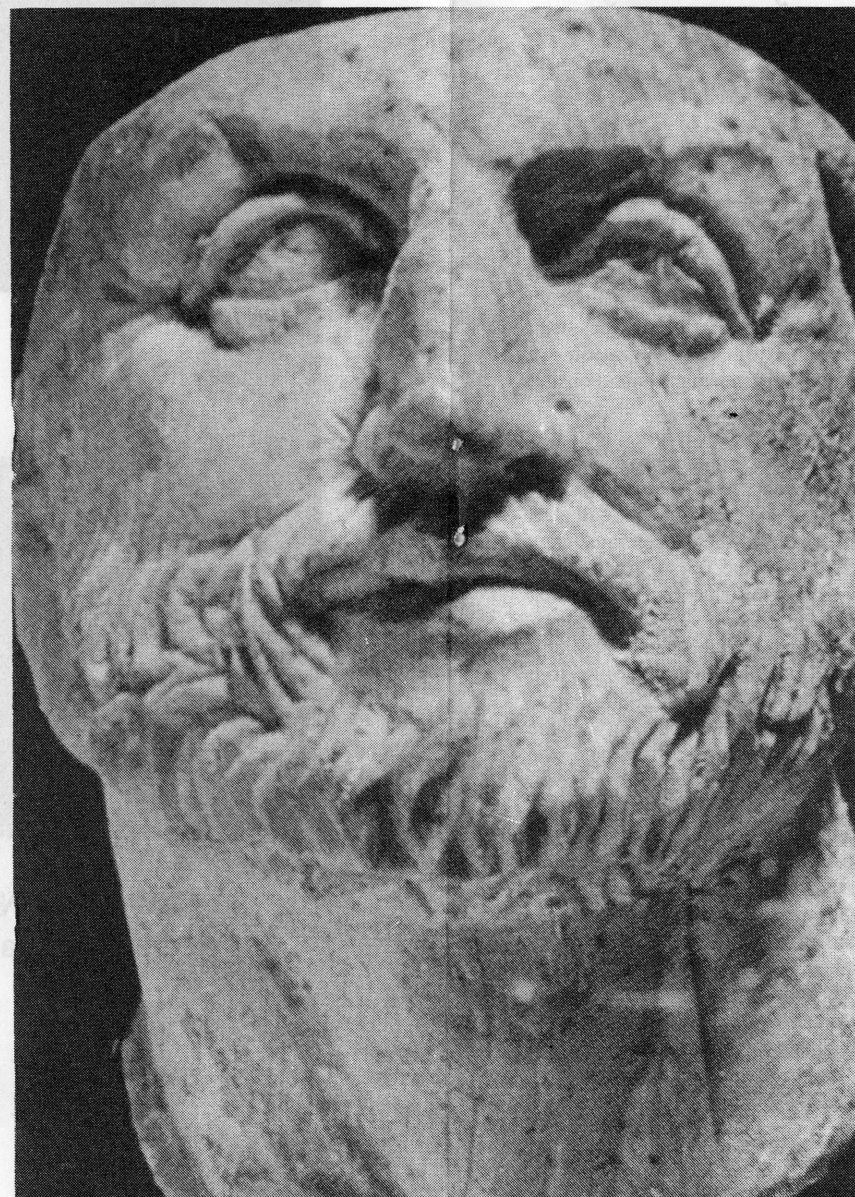
which is 'Hellas', still used in modern Greek as well as in learned texts. It is significant as the time when hellenic culture and Science moved eastwards, influencing all the known World.

The other famous Greek who came from Macedonia in these times, was Aristotle, the great philosopher, naturalist and physicist, who was also the academic tutor of Alexander.

After the fall of the Empire of Alexander the Great, which

survived him a few decades, Macedonia—together with the rest of Greece—falls in the hands of the Romans (168 BC), then becomes one of the key regions of the Byzantine Empire, and falls again, together with Constantinople, Athens and Sparta, to Turkish rule (15th century AD).

**Modern history of Macedonia**  
Macedonia became, as a



geographical concept, a part of the Ottoman Empire. In 1828, part of Greece gained its independence, followed by Bulgaria (helped by the Greeks) in 1878. In 1912, Bulgarians, Serbs and Greeks together liberated the soil of Macedonia from the Turks (Modern History Review). In 1913, the, by far, greatest part of Macedonia joined the Kingdom of Greece: this part was populated by Greeks, except for a 10,000 strong minority of Pomaks (i.e. Bulgarian speaking Muslims). Another, much smaller part of Macedonia, containing 25 different ethnic groups, joined Serbia. (N.B. All population data are meant after the completion of population exchanges provided for by the treaties).

During the First World War, Bulgaria, siding with the Germans, attempted to snatch the Serbian part of Macedonia, but it was conferred to Serbia again, at the end of the war.

Yugoslavia, the new country to include Serbia, Croatia and Slovenia, was founded in 1929, and, at the end of the Second World War, Marshal Tito (a Croat)

reorganised it into a federation, cutting off pieces of Serbia, which was too large compared with the other constituents of Yugoslavia. One of these parts Tito cut off and named 'Macedonia'. It contained of course, the small part of the historical region of Macedonia, which had been conferred to Serbia in 1913, but this accounted only for 30% of the new so-called 'Macedonia'. The other 70% was Serbia pure and simple.

Serbia had to accept this situation until Slovenia's and Croatia's successionist moves in 1990, which led to Serbia claiming back its former territory, which she had had to surrender under the Communist rule, for the sake of the Yugoslav Federation which no longer exists.

## The linguistic question

The notion of 'Macedonian language' is one of the most commonly twisted and used arguments, by anyone who wants to make a claim on the area. Here are the facts, according to the Encyclopaedia Britannica: when linguistics talk about Macedonian language, they refer to an extinct ancient language, a direct descendent of the common Indo-European, and precursor of Greek. Macedonian developed into Greek by the 2nd millenary BC and was never heard again.

What then is the modern Slavic language which the Government of the would-be pseudo-'Macedonian independent state' (the former South Serbia) promotes as 'Macedonian'?

This language does not exist (I have already mentioned the cultural disparity of the region) except as an artificial formalism. In fact the former South Serbia speaks dialects in the North which are very 'similar to the Serbian ones', in the East something which is 'shading into Bulgarian', in the West dialects which sound very much like Bulgarian, but which change from city to city: 'The central dialects of the cities of Prilep and Vales were elevated to the status of language during the Second World War' (1940, and were then officialised by Tito and formalised by his team of pseudo-linguists as 'Macedonian'. Their use was then imposed to all the other parts of the new Constituent Republic.

## Population Statistics

In the Greek region of Macedonia, there is, as we said before, a ten thousand strong minority of Pomaks (Bulgarian-speaking Muslims). The total population of the region being 2.2 million, the minority represents ca. 0.4%.

The Yugoslavian ex-'Constituent Republic of Macedonia' (i.e. South Serbia) has a 200,000 strong Greek minority (i.e. 10% of the total population). Another 23% are ethnic Albanians, Bulgarians, Turks, Pomaks and Serbs, recognised as ethnic minorities.

The remaining 67% are Serbs which were known as South Serbs until 1940, as well as a few Albanians and Bulgarians. These have been named by Tito, in 1944, 'Macedonians': some are proud of their newly-invented 'identity'. Others strongly refuse this imposed trademark.

## Conclusions

This ends the presentation of the most relevant facts. Each one can draw from them their own conclusions. However, I will, referring in turn to all the previous sections, attempt myself to answer the question behind all this: 'What should happen to the former 'Constituent Republic of Macedonia', i.e. South Serbia, now that the Yugoslav Federation is falling apart?'

Taking historical arguments alone, it is clear that the part of the region which corresponds to ancient Macedonia (and which still has

200,000 Greeks in it) should join Greece, the rest (the greatest part) being returned to Serbia.

Adding to these the linguistic and demographic arguments, we may conclude that part of the Serbian piece should hold a referendum for joining Bulgaria. Indeed, the separation of this territory in three parts (Greek, Serbian and Bulgarian) would be the best solution, not only according to International Right, but also for the freedom and well-being of its inhabitants.

A small independent state, bearing the enmity of all its neighbours, would be reduced to starvation and isolationism, therefore totalitarianism. It would also have to oppress all the recognised minorities within it (which constitute, as we saw, 33% of the total population), for the sake of preserving an artificial statist unity.

Is this what Western Europe, and this country in particular, mean when they talk about post-Communist freedom and well-being for Eastern European peoples? Is this what they mean by respect for the minorities? Is this their version of the Truth?

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**ST/**  
**ULU TRAVEL**



People have been studying the weather for millennia, and deduced little more than that a red sky at night can cheer up a shepherd. Scientifically usable measurements date only from the middle of the nineteenth century, and even these measurements bring with them a whole raft of problems.

The readings are far from evenly spread but instead concentrated in what would have regarded itself as the 'civilised world' (mostly western Europe) and, for very good reasons, almost entirely over land. There are sea based measurements, but these are prone to their own peculiar errors and, concentrated, again for obvious reasons, on the major trade routes.

one place, and simply moving a site slightly down a hill would lead to a completely spurious warming.

Even sites which stay put can be affected by changes in their surroundings. Those which, though they were once mostly surrounded by fields, were engulfed as the population and the cities expanded are prone to what is known as the heat island effect.

Heat is more readily absorbed and re-radiated by bricks and mortar, than by soil, and large urban areas are invariably local 'hot-spots': another source of spurious warming.

The measurements of temperature over the sea are sparse and bring with them their own

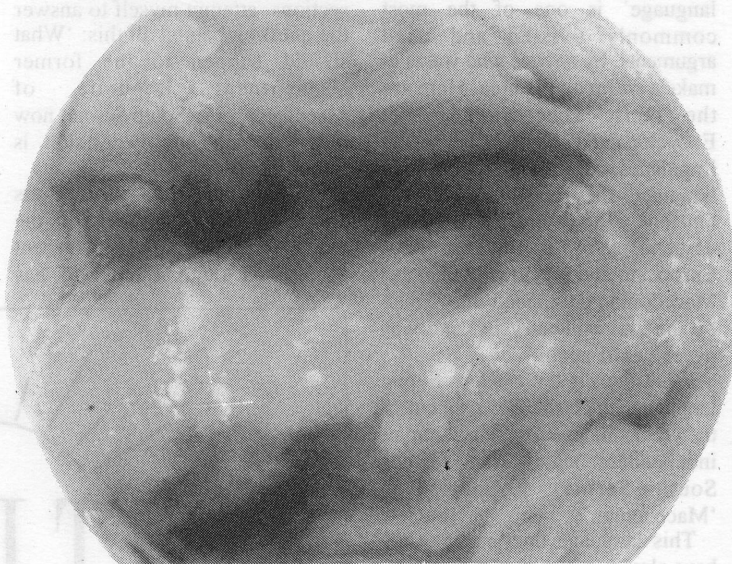
signed (where else) in Brussels in 1853, all ships were forthwith to use wooden buckets. The decision was, by and large, completely ignored. Most ships continued to use 'non-standard' buckets until the 1940s and it was only after the second world war and the invention of the plastic bucket that usable data became available. Jones and Wigley say that the bucket-induced climatological error could be as high as 0.7 of a degree.

*See Figure 1: the evidence for Global Warming.*

After years of work, the research teams believe that they have a series of global and hemispheric mean land and sea temperatures with all the noise, from expanding suburbs and the cooling buckets, taken out. They estimate that their data, taken from the middle of the nineteenth century onwards and averaged over ten years, is accurate to within 0.1 degrees Celsius. It quite clearly shows a warming of around 0.4

# Global Warming

*Part II. Jason Lander continues his look into Global Warming in his last article, on the evidence for it*



## - the evidence

That is not to say that researchers have not tried to deduce something from this data. Teams of researchers from the University of East Anglia (UEA), and from the Meteorological Office, have produced estimates of global yearly average temperatures going back well over a century. Writing in the August 1990 edition of 'Scientific American', two of the UEA team, Phillip Jones and Tom Wigley, described a technique that is as much an art as a science.

To produce an accurate record of temperature from the available data, the researchers had to take into account more than just the accuracy of the individual readings.

Temperature can vary over horizontal distances of just a few metres: the atmosphere cools rapidly with height. Weather stations do not necessarily stay in

unique errors. Before 1853, there was no, internationally agreed, standard method for measuring sea surface temperature. Sailors, who had better things to do, used the rough and ready technique of lowering a bucket into the sea, pulling it up and putting a thermometer into the water. It was the buckets that gave the researchers their problems.

A simple canvas bucket is quite a good conductor of heat compared with, say, a wooden bucket and any water in the canvas bucket will warm or cool comparatively rapidly in the open air. In the middle of the nineteenth century, scientists began to realise the importance of standardising the readings.

For this reason that it was decided that, as part of an agreement to share meteorological measurements

degrees Celsius over the last century.

It can be difficult to see what difference a change this small could possibly make: 0.4 degrees is a fraction of the variation in temperature normally found on any one day.

The UEA researchers, with the backing of computer model results, believe that global warming will not be slow and constant, but will start off small and then accelerate. They argue that the 0.4 degrees is not worrying for what it is, but for what it could become.

Some researchers believe that it could become a change of up to 5 degrees by the year 2050. It is a measure of the uncertainty in the subject that others estimate the change to be less than 2 degrees.

The uncertainty over the temperature change, the alleged result of the enhanced greenhouse effect, contrasts with the confidence with which we can estimate changes in the concentration of the principle cause, CO<sub>2</sub>.

Direct measurements of the concentration of the gas are available for only the last quarter of a century or so and these show a roughly steady increase. To go back

*We will not see a forecast for the 14th March 2050 until 1st March 2050*

*Thanks are due to Dr C F England of the Space and Atmospheric Physics group for the photographs.*



further in time, researchers have to rely on supplies of preserved 'old' air.

Ice in the Antarctic only forms and never melts. One result of this is that, every year, air is trapped under the newly formed layers and simply by taking a cross-section through the ice it is possible to obtain estimated concentrations going back millennia.

#### See Figure 2: CO<sub>2</sub> Concentrations.

As you can see from the graph accompanying this article, adding this data to the directly obtained results shows that the steady increase in CO<sub>2</sub> is very much a recent phenomena. Indeed, the increase over the last thirty odd years is almost equal to that over the previous two hundred.

Just for once, we have a clear, unequivocal result.

It is the rarity of results like this that makes them so valuable. Most observational evidence could best

### *Before 1853 there was no standard method for measuring sea temperature*

be described as 'not inconsistent' with an enhanced greenhouse effect. This is why, in order to understand the climate, we have to resort to other means: in particular to computer modelling.

#### THE MODELS

Naively, it might be thought that the only real way of measuring the relative importance of all the possible processes which occur in the atmosphere and oceans is to put all of them together into one huge computer model. This is impossible, not just because we do not know what all these processes are, or because such a model would be just too big for any computer, but because it would tell us absolutely nothing.

Climate research like any science works by simplifying the problem. Models have been developed which simulate the growth of a single thunder-cloud, or which can calculate the absorption of all frequencies of radiation in a column of air. On the largest scale, there are models designed to calculate the flow of air around the whole surface of the planet.

On their own, each of these models can tell us what matters in

one part, in some cases a very small part of the atmosphere and in order to do so they must all contain cheap, cheerful, and not necessarily accurate, representations of the processes they are not explicitly modelling. This is known as 'parameterisation.'

As an example, you could think of the representation of small convective clouds in large scale climate models. A convective cloud forms in air in which, although it contains a large amount of water vapour, none has yet condensed out. If the ground below such a mass of air becomes unusually warm, such as over the concrete of a city on a sunny day, this can force the air upwards. As it rises, the air cools and the water vapour condenses out.

Typically, one of these clouds will be about a kilometre across. Compare this with a large scale climate model which can resolve nothing smaller than five-hundred kilometres wide.

Within this 500km wide box the model must be able to represent the effects of hundreds of these clouds: the incoming sunlight they reflect and the rain that falls from them. What is more, it must get through all the calculations as quickly as possible.

There are schemes available to do exactly this. They are not designed to be exact physical analogues but are based quite deliberately on gross oversimplifications. Rainfall in a real convective cloud involves individual raindrops forming in the body of the cloud, being carried up and down on with the wind, partially evaporating and then growing and so on and so on. In a model, all this complexity can be reduced to a statement like 'if there is more than a certain amount of water in a given mass of air, the excess all rains out'.

These schemes are designed to be 'tweaked'. A few parameters are adjusted to give a result as close as possible to that which is observed. There is no guarantee that the tweaking, which works for the

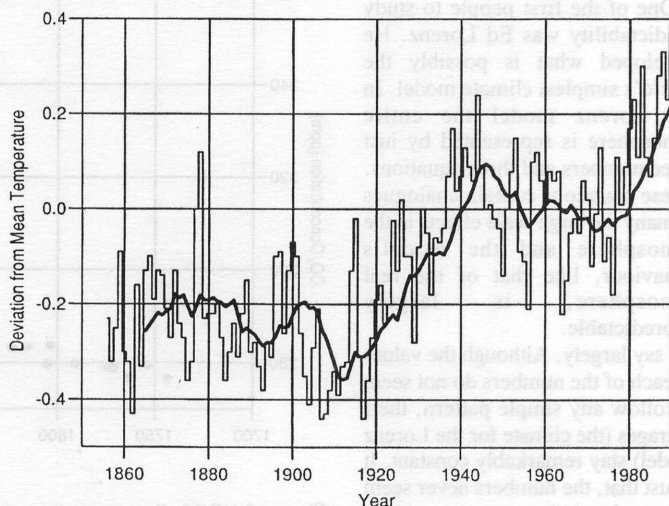


Figure 1: Temperature Change; Global Average 1856-1990.

Earth today, would still be applicable if the amount of CO<sub>2</sub> was doubled.

Nearly all the predictions, of the consequences of global warming, are based on models like this. It is not a great surprise that they do not always precisely agree. But neither do they totally disagree. Parameterisation is the modellers' hot topic. It has been argued that we are reaching a point where the best way to model the climate may not be to produce models with finer and finer resolution but to work towards much better estimates of the unresolved processes.

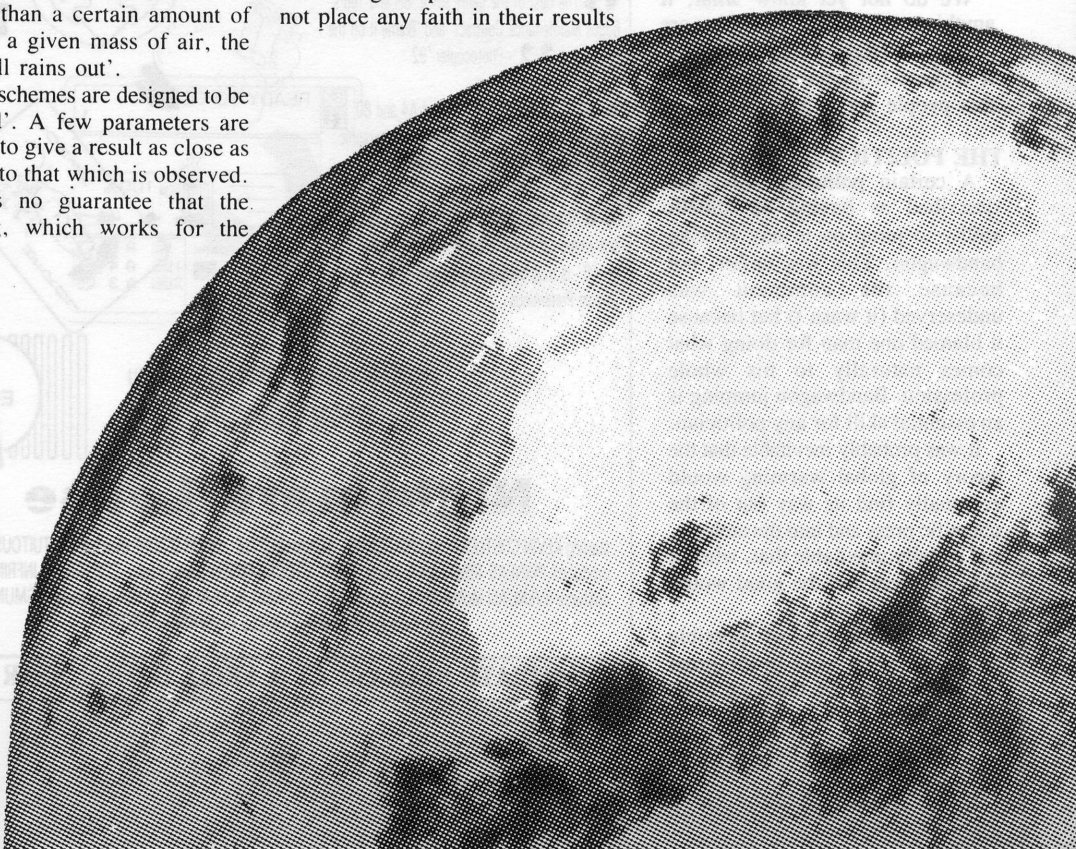
As I said right at the very start of this article, the climate is, quite possibly, chaotic. Even with the best parameterisation, we will not see a weather forecast for the 14th of March 2050 until possibly the 1st of March 2050. Weather forecasting computer modellers will not place any faith in their results

beyond about two weeks ahead.

This does not mean that, as some people have argued, the whole idea of using a computer model to predict the climate half a century on is ridiculous. The results from running a working weather forecasting model for that long could quite rightly be dismissed. A climate model is different.

In a weather forecasting model the computer starts with the observed current state of the atmosphere. It then uses what is known, about the physics of the atmosphere, to extrapolate forward for a few days to give a prediction of, say, rainfall at a particular spot.

Most climate models are not designed to do this. The idea of such a model is for it to run long enough to produce an average of the weather over a period of time. The weather at any particular hour on





any given day does not matter.

One of the first people to study predictability was Ed Lorenz. He developed what is possibly the world's simplest climate model. In the Lorenz model the entire atmosphere is represented by just three numbers and three equations. These equations contain analogues to many the large scale effects in the atmosphere and the model's behaviour, like that of the real atmosphere, is largely unpredictable.

I say largely. Although the values of each of the numbers do not seem to follow any simple pattern, their averages (the climate for the Lorenz model) stay remarkably constant. It is just that, the numbers never seem to reach their average values simultaneously. This has been compared to the atmosphere 'orbiting' its mean value.

It is probably appropriate to end this section by saying that there is a lot about the present climate that we can 'predict' with current numerical models and, possibly,

The great 'Oh God, we're all going to DIE' school of journalism

many features of future and past climates too. As the models and parameterisations are refined, these predictions should improve but it will be a long, slow and convoluted process. Herein lies the problem.

We do not yet know what, if anything, will happen, but there are some quite frightening possibilities. It is these frightening possibilities that people get to hear about.

**THE POLITICS OF CLIMATE**

A certain politician was once described as having an athletic ability to jump on to any passing bandwagon. This was unfair, not because the comment was undeserved (it wasn't) but because it blamed one man for doing what comes naturally to his whole profession. Bandwagon jumping is an essential skill for any politician.

It was probably inevitable that the theory of global warming would eventually find its way out of the scientific press and into the tabloids, and equally inevitable that, when it did, the great and the good would jump.

The first reports of possible global warming were in the great traditions of the 'Oh God, we're all

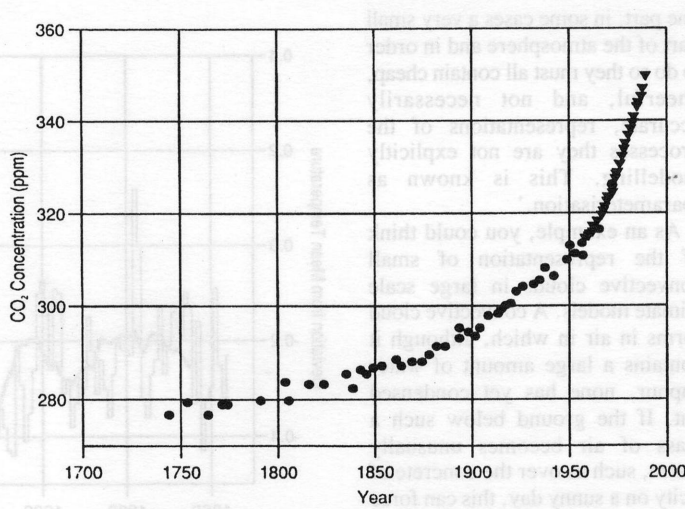


Figure 2: CO2 Concentration; Annual Mean Values

going to DIE' school of journalism. These first stories were a gift to the, then politically, obscure Green movement who exploited the worries for all they were worth. It would be a bad pun but no exaggeration to say that the Green Party's amazing performance in the last round of European elections was a 'greenhouse-effect' effect.

It was only after the first burst of panic that the other, less worrying, and possibly more accurate, versions of the theory began to appear. There has been the

inevitable backlash.

The first counterblast in this country came from Channel Four's science series 'Equinox' in a programme called the 'The Greenhouse Conspiracy'. It was largely based on the views of Professor Richard Lindzen of the Massachusetts Institute of Technology, a long time opponent of the enhanced greenhouse effect theory. Hilary Lawson, the presenter, argued that, even if there was no conspiracy to promote the theory, there was 'a coalition of

interests... scientists have needed funds, the media a story, and governments a worthy cause.'

The anti-greenhouse campaign has, if not exactly taken off, found itself some influential supporters. Recently, a Conservative MP, Teresa Gorman, was given a fifteen minute slot on BBC Radio to say that the whole global warming debate was a ploy by 'eco-terrorists' to keep her away from her car. It was the sort of well reasoned argument that should set the environmental groups off on a desperate search for Ms Gorman's missing marbles.

There is a possibility that the UK, like the US, will start to listen to the vested interests: the motor and manufacturing industries who do not want the expense of reducing their CO2 emissions. The US government has always refused to talk about 'global warming', preferring the neutral term 'climate change'.

The US anti-greenhouse lobby has some influential friends. The

The debate was a ploy by 'eco-terrorists' to keep Teresa Gorman from her car

They thought Christine was dead.  
They thought the nightmare was over.  
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produced PHINEAS IRREGULAR music ‘BEEP’ STOCKHAUSEN photography COPYRIGHT INFRINGEMENT  
costume SVENGALI McMAGNOLIA screenplay PROBABLY ILLEGAL flow of consciousness SIGMUND FREUD  
distribution THE SILKY TASSLES OF SPRING ZEPHYRS

former White House chief of staff John Sununu, recently sacked by George Bush, was well known for his opposition to environmentalists and their calls for reduced emissions. It is said that he had a program on his own personal computer which he thought was better than any of the large scale global models.

In the UK, the vested interests are quieter and more discrete. They are not any less influential.

The problem with politics is that politicians need definite proof before making any sort of decision, and this proof is simply not available. With vested interests shouting from all sides, the argument that 'we should do nothing because we do not know what will happen' becomes very attractive. No politician, worth his or her job, will accept that it is precisely because we do not know what will happen that we should do something.

**ACKNOWLEDGEMENTS**

Thanks to Dr Keith Shine for reading though this article and for his much needed hatchet job on the first draft.

IMMEDIATE RELEASE AT A FELIX OFFICE NEAR YOU



# Please do not adjust your sets

Another term, another exam (or eight), at least sabbaticals don't have exams. Anyway, good luck to everyone. Now that the holidays are over and Leeds United have been rather jammy (ask Graham) you'll

want something to complement those hours of fun revising in the sun.

Tonight there's the start of term carnival with *Death Bang Party* and you've got until Tuesday to recover (as Monday is a bank holiday).

Voting in the Hon Sec elections takes place on Tuesday and Wednesday from 10am to 5pm. The candidates are Toby Jones, Dominic Wilkinson and New Election.

Ballot boxes are only in the following locations: JCR, Union Building, Biochem/Chemistry, Huxley Concourse Level, Electrical Engineering and Mary's. It is important that votes are cast using 1's and 2's etc as any votes with

ticks or crosses will not be counted.

Anyone wishing to sit on a ballot box for £3 an hour should contact me today (ext 3503).

There is a results EGM on Thursday at 1pm in the JCR. There

are also other elections and motions. In the evening there's a bar quiz in the Snack Bar at 8pm, with alcoholic prizes.

That's the lot, use your vote. Steve.

**Felix really has got a new photocopier—for use primarily on Mondays and Fridays.**

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## HONORARY SECRETARY ELECTIONS

**VOTING:**

**Tuesday 5, Wednesday 6 May, 10.00-17.00  
JCR, Union, Biochem/Chem, Huxley Concourse,  
Elec Eng, Mary's.**

**RESULTS:**

**Thursday 8 May, 13.00 JCR.**

## HON SEC (EVENTS)

## Toby Jones proposed by Chris Stapleton

Why am I standing for Hon Sec? After colleagues in the Union asked me to consider the post, I decided to run because I can do an excellent job. My sponsors have offered me a job, but a Sabbatical post would let me devote time to the Union. I like helping people, organising and implementing new ideas and get along well with everyone.

I have been on Rag Raids and various collections, and will be organising charity events like video game tournaments and silly sports in cooperation with Rag. I will also offer support to halls to arrange inter-hall competitions such as knockout pool and swimming galas.

There could be more variety in the Ents discos, perhaps in the form of theme discos (like Rag's Abba

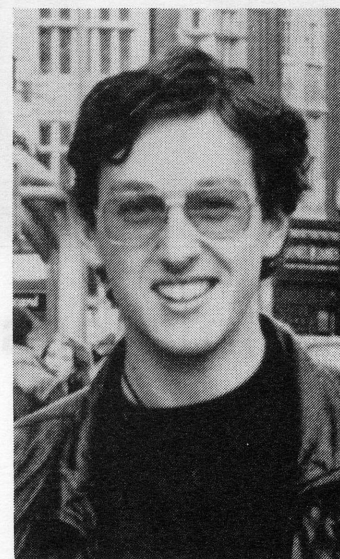
disco on May 15th). Being independent, I would also liaise with Ents and Jazz & Rock to bring in some better known bands, perhaps even a classical concert or two!

The new catering laws are bound to affect us, but it should still be possible to lay on an evening's entertainment with food thrown in, like country or barn dancing with a buffet or an Indian food night.

There is a mass of ineffective posters around college. I would reorganise the publicity rules and introduce a weekly list of events on noticeboards in the JCR and the Lounge. I would like to screen films in the Union regularly and a 35mm projector would give ICSF and Film Soc access to more recent releases.

With the help of the Union Manager, the Union building must continue to be improved, especially the toilets which are still disgraceful. It's also a priority to computerise room bookings on a simple system in the Union office.

Finally, bring back the Bouncy Castle!



## HON SEC (EVENTS)

## Dominic Wilkinson proposed by Graham Lawton

The Union needs somebody to oversee its events. As Ents Chair I think I understand that as well as anybody. That's what the Hon Sec (Events) should do, but doesn't.

Next year's Hon Sec needs to appreciate the demands of the job and have the experience to do it properly. Dominic has sat on the Ents Committee for three years, two as an executive members. He is the only candidate who can deliver. Vote for him.

If elected I will

1. Hold events on every weekday night catering for all tastes to attract students into the Union.

2. Efficiently publicise Union events via an integrated publicity network encompassing Hall publicity reps, a posterboard in the Snack Bar

advertising forthcoming attractions, a weekly Felix article, use of the dot matrix system in the JCR and listings in Time Out, London Student etc.

3. Make feasibility studies on:

i) Purchase all Union publicity from a single supplier with the envisaged reduced costs.

ii) Appointment of permanent events manager.

iii) Long term re-location of the Ents Lounge building a self contained club and in the short term refurbish the existing Lounge.

iv) Widening the student attendance at events via loop holes in the public performance licence/temporary membership scheme (if they exist).

v) Computerisation of Union bookings.

4. Coordinate events via regular meetings with the chairs of Ents, Rag, Scab and any other college societies and clubs intending to hold events to discuss their needs and to provide any assistance necessary.

5. Co-host events with the CCU's and most importantly with St Mary's.

6. Produce a small booklet for the Freshers' mailout highlighting the services provided by the Union, containing at least a two week events diary to generate their initial interest in the Union.

7. Develop student identity with the Union and Union identity with the student.





*From the  
November 1932  
issue of  
'Phoenix'*

## Chemical Nature of Women



This element called woman is a member of the human family and it has been assigned the chemical symbol WO. The accepted atomic weight is 120, although a number of isotopes have been identified having weights ranging from 95 to 400.

Occurrence: It is abundant in nature; found both free and combined, usually associated with man. That found in the UK is preferred.

Physical properties: A number of allotropic forms have been observed. Their density, transparency, hardness, colour, boiling, and melting points vary within wide limits. The colour exhibited by many specimens is a surface phenomenon and is usually due to a more or less closely-

adhering powder. It has been found that an unpolished specimen tends to turn green in the presence of a highly polished one. The boiling point for some varieties is quite low, while others are likely to freeze at any moment. All varieties melt under proper treatment. The taste varies from sweet to very bitter, depending upon the environment and treatment.

Chemical Properties: Absorbs, without dissolving, in a number of liquids, the activity being greatly increased with alcohol. Absorbs seemingly unlimited amounts of expensive foods. Some varieties catalyze the food into fat according to the formula  $PV = NRT$ . Many naturally occurring varieties of WO are highly magnetic; in general, the magnetism varies inversely with the

density and size, directly with the square of the valence, and inversely with the cube of the age. Some varieties tend to form Anne-ions; others cat-ions. Their ionic migrations vary widely. All varieties exhibit great affinity for Ag, Au and Pt, and for precious stones in both chain and ring structures. The valence toward these substances is high and its study is complicated by the fact that the residual valence is never satisfied. Many stable and unstable unions have been described—the latter in the daily press. Some varieties, being highly explosive, are exceedingly dangerous in inexperienced hands. In general, they tend to explode spontaneously when left alone temporarily by man. The application of pressure to different specimens of WO produces such a variety of results as to defy the principle of Le Chatelier.

Use: Highly ornamental. Wide applications to the arts and domestic sciences. Acts as a positive or negative catalyst in the production of fever, as the case may be. Useful as a tonic in the alleviation of sickness, low spirits, etc. Efficient as a cleaning agent. Equalises the distribution of wealth. Is probably the most powerful (income) reducing agent known.

Thomas.

## IC Impressions

*By a 'woman  
student' - from  
the June 1932  
issue of  
'Phoenix'*

At first sight it would seem comparatively easy for any woman to give her ideas and impressions of the Imperial College, but on further consideration the whole subject seems to offer an amazing number of obstacles. It is hardly to be expected that her impressions will be unbiased by personal observations; in short the ideas expressed are essentially those of the individual, and must not be accepted as the considered opinion either of women in general or college women in particular. Few, if any, of you fully realise the obstacles we have to overcome. For many reasons the women's colleges such as Bedford, Girton or Newnham have many advantages socially, but after all, most of us have to face the future seriously, and the necessity for choosing a career has been forced upon us owing to the present economic conditions. Women (for the most part) are essentially 'synthetic' scientists.

The frigid and austere atmosphere during the first few weeks in the college strikes one

forcibly, especially since most of us have come from girls schools where we have been treated as individuals instead of in the 'mass' action way of a university. The real difficulty is of course the smallness of numbers, which makes any form of social life and activities an unsurmountable obstacle. Perhaps it would have been better had it remained an entirely masculine college. From the point of view of work it offers many advantages to the student, but there is a wide field and a possibility of vast improvements. We may be to blame, since for the most part we seek seclusion rather than publicity. Occasionally we try to serve some useful purpose; we are willing to help, but it is for you to ask! The college and its traditions are ours as well as yours, but lack of enthusiasm seems to typify the spirit of today.

Perhaps the effect of working together under similar conditions results in a general apathy towards college women, and you seek change and new society after college hours. Sometimes you

discuss and invite criticisms, but for the most part we are relegated to the background. One wonders sometimes whether the college women are particularly peculiar or unusual. It is a debatable point and it may be that on first consideration they are, and that, for the majority, is the only consideration.

Even if we are scientists, yet we still remain human. Though Victorianisms and chivalry lie buried in the past, sometimes we may sigh for those far off days, for our ideals are hidden beneath the bold front and cynical outlook of twentieth century equality.

### IMPERIAL COLLEGE *Union* WELFARE ADVISORY SERVICE

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071-589 5111 ext 3507



On the final Wednesday (18th March) of last term, the knock-out stages of the Nat West Bank sponsored Imperial College Indoor Soccer Tournament took place at the volleyball court. Eight teams had reached the second phase of the tournament, who were all hoping to be the champions and collect the first prize of a grand shield, £75 as well as miniature trophies for each member of the team.

The qualifying teams were ICFC 2 (1), Chemical Engineers (2), Cypriots (3), Snooker 1 (4), Lebanese 1 (5), ICFC 1 (6), Sikh 2 (7) and Islamic 1 (8). Each of

Eng (the free-kick experts) played ICFC 1 (the tournament favourites). This turned out to be a heated affair, with both teams struggling to produce their best form. However, Chem Eng managed to pull out all the stops and go 3-0 ahead. After a half time pep talk by captain Marv Abdo, ICFC 1 managed to crawl back into the game with 3 second half goals. Full time was creeping ever nearer, with the possibility of the first extra time of the tournament being played, when ICFC 1 scored in the dying minutes to win 4-3.

So the final was the ultimate in

GROUP 1							
TEAM	P	W	D	L	F	A	Pts
Chem Eng	3	3	0	0	33	10	9
Italian	3	2	0	1	16	11	6
Pakistan 1	2	0	0	2	8	21	0
Computing	2	0	0	2	0	15	0

GROUP 2							
TEAM	P	W	D	L	F	A	Pts
ICFC 2	3	3	0	0	46	12	9
Malaysian 1	3	2	0	1	25	25	6
Snooker 2	3	1	0	2	22	28	3
Bridge Club	3	0	0	3	17	45	0

GROUP 3							
TEAM	P	W	D	L	F	A	Pts
Cypriots	3	3	0	0	24	13	9
Islamic Soc 1	3	2	0	1	25	14	6
Singapore	3	1	0	2	17	20	3
Sri Lankan	3	0	0	3	12	31	0

GROUP 4							
TEAM	P	W	D	L	F	A	Pts
Snooker 1	3	3	0	0	27	18	9
Sikh 1	3	2	0	1	16	16	6
Indian	3	1	0	2	27	20	3
Malaysian 2	3	0	0	3	2	17	0

GROUP 5							
TEAM	P	W	D	L	F	A	Pts
Lebanese 1	3	3	0	0	15	8	9
Sikh 2	3	2	0	1	37	17	6
Islamic 2	3	1	0	2	15	18	3
IC SEDS	2	0	0	2	8	29	0

GROUP 6							
TEAM	P	W	D	L	F	A	Pts
ICFC 1	2	2	0	0	37	7	6
Lebanese 2	2	1	0	1	9	12	3
Pakistani 2	2	0	0	2	5	32	0

I have decided to clear out my pigeon holes ready for a new term. During this process I have noticed that I have accumulated quite a few photographs. So could the appropriate people collect their respective pictures by next week. Below is a list of clubs from whom I have acquired the pictures:

- (i)ICFC1 and ICFC2 football teams
- (ii)The Dribblers

- (iii)Canoe water polo
- (iv)Judo
- (v)Spot soc album
- (vi)Ten pin bowling
- (vii)Malaysian Soc
- (viii)ICU SEDS (1 Disk)

Normally I would send them through internal mail, but there is a chance of the photos being lost, and I do know how you all love to keep those precious momentos. Many thanks.  
Khurrum

these teams had battled through a three week long gruelling fight in their respective groups to qualify. The final group placings are shown alongside this text.

Each of the qualifying teams were seeded according to their performance in the first phase of the tournament (shown in brackets above). Thus the quarter-finals were contested between the best and worst seeds (ie seed 1 vs seed 8, seed 2 vs seed 7, seed 3 vs seed 6 and seed 4 vs seed 5). The results of the quart-finals are shown below.

The first semi-final was contested by ICFC 2 (strong on the passing game) and Snooker 1 (the team with the most skilful player in the tournament). And indeed this is how the game progressed until half time, with ICFC 2 dominating the play, but Snooker 1 always scoring on the break with their ace player Mahendra Surani. However, with Snooker 1 tiring, ICFC 2 stepped up a gear in the second half and ran out winners 10-6.

In the other semi-final, Chem

grudge matches between the two IC football teams. With little to choose between the two sides in terms of skill, the game was close until half time, with ICFC 1 leading by 4-3. However, in the second half, with an injury to Rakesh Muthoo (ICFC 2 captain), the extra substitute and fitness told, and ICFC 1 romped home with a 8-4 victory.

Representatives of Nat West Bank awarded the IC 1ST shield to the tournament winners together with the small trophies and a cheque for £75. ICFC 2 collected a cheque for £30 together with runners-up medals. The losing semi-finalist each received cheques for £10.

I would like to take this opportunity to thank all the teams for taking part in the tournament, the Nat West Bank for sponsoring the event, and Gunny for helping to organise and referee the matches.

**Khurrum**  
PS The medals and trophies have now been engraved. So these are now ready for collection, together with the winning cheques.

Wed 18.3.92	Quarterfinals			Score
9.30-10.00am	ICFC 2	vs	Islamic 1	3-0
10.00-10.30am	Chem Eng	vs	Sikh 2	5-2
10.30-11.00am	Cypriot	vs	ICFC 1	12-7
11.00-11.30am	Lebanese 1	vs	Snooker 1	6-13

Wed 18.3.92	Semi Finals			Score
11.30-12.30pm	ICFC	vs	Snooker 1	10-6
12.00-12.30pm	Chem Eng	vs	ICFC 1	3-4

Wed 18.3.92	Final			Score
4.00-4.30pm	ICFC 2	vs	ICFC 1	4-8

# Indoor Soccer Tournament



# London Football League

Here are the tables for the University of London Football League. As the season draws to a close, I would like to take a few minutes to reflect on how the 6 Imperial teams have fared in the league this year.

I guess I should really begin by

PREMIER DIVISION									
	P	W	D	L	F	A	Pts		
KC	16	13	2	1	67	11	28	C	
RHBNC	16	12	1	3	47	21	25	RU	
IC	16	8	5	3	36	22	21		
UC	15	8	3	4	32	31	19		
Golds	16	8	2	6	39	23	18		
LSE	15	6	0	9	31	42	12		
St Georges	14	2	2	10	12	47	6		
QMWC	15	2	1	12	17	48	5		
SoP	15	2	0	13	13	49	4		

congratulating the 4th team on their excellent achievement of gaining promotion to Division 3, for the first time. The commitment and team work of the 4ths this year has been outstanding which, coupled with a crisp passing game, blossomed into a lethal combination. Ruban Ramachandran, the 4th team captain, should be commended in the way he has conducted himself, and his team, this year. Not only has he worked hard to ensure the success of his own team, he also produced some thoroughbred 3rd team players and never hesitated in offering them to higher teams within the club. He is also

DIVISION ONE									
	P	W	D	L	F	A	Pts		
UC 2	18	11	4	3	53	32	26	C	
RHBNC 2	18	11	1	6	58	39	23	RU	
St Mary's	18	9	4	5	66	41	22		
IC 2	18	8	5	5	51	38	21		
UMDS	16	10	1	5	38	29	21		
KC 2	17	8	3	6	30	26	19		
KCH	17	6	3	8	42	40	15		
McUCH	18	6	2	10	25	60	14		
Royal Free	17	3	4	10	36	46	10	R	
WMWC 2	17	1	1	15	12	60	3	R	

responsible for the invention of the 'shouting game' - long may it prosper. On the subject of giving up players to higher teams, I take this opportunity to both thank and offer my sympathy to Andy Stanniland and Nigel Strevens, the respective 5th and 6th team captains, whose

own teams suffered for the benefit of the rest of the club. Both sides struggled in tough divisions, this year, and just when they looked like stabilising themselves, out of relegation danger, they lost key players to the 3rd and 4th teams. Under these difficult circumstances they played some good football and the team spirit remained high to the end, a further credit to the professionalism of Andy and Nigel. Martin Atherton captained the 3rd team this year, and compared to the 4th, 5th and 6th team, has had a relatively quiet year, though still with an outside chance of gaining promotion. Martin has done well in building his side almost from scratch, never afraid to experiment with new players. He has been plagued with the difficulty of having lads who couldn't play every Wednesday and Saturday, and did well in addressing the problem with

DIVISION TWO									
	P	W	D	L	F	A	Pts		
ChXW	18	12	4	2	64	20	28	P	
St Barts	16	11	2	3	33	14	24		
IC 3	17	11	1	5	39	25	23		
KC 3rd	15	7	5	3	43	20	19		
RSM	16	8	1	7	29	30	17		
RLHMC	17	7	1	9	31	49	15		
UC 3	17	5	4	8	39	48	14		
Golds 2	17	6	1	10	35	33	13		
LSE 2	16	3	1	12	21	52	7	R	
UMDS 2	17	3	0	14	17	60	6	R	

the minimum disruption to the rest of the club, without sacrificing any success of his own team. The pressure on the second team to do well is unfairly large. To come 3rd on Division 1 would be the worst result for the 2nds for 5 years. Under this criterion perhaps the 2nds have had a disappointing season. However, in the course of the year we have witnessed some great football and a fascinating insight into continental football management. Italian based 2nd team captain Rakesh Muthoo, put into practise his belief that the short passing game is the way to bring footballing success, prompting very favourable comments from referees on the flair and style of the 2nds game. An intriguing idea of playing midfielders as defenders produced both results for the 2nds and the balance between success for the 2nds and integration of his side within the club resulting in some top quality diplomacy. But, at the end of the day, the 2nds appear to have

DIVISION FOUR									
	P	W	D	L	F	A	Pts		
IC 4	18	12	4	2	43	21	28	P	
KC 4	16	12	1	3	47	15	25		
St Geo 2	18	10	3	5	47	22	23		
KCH 2	16	10	1	5	46	41	21		
UC 6	18	10	0	8	56	43	20		
UC 5	18	9	1	8	36	37	19		
QMWC 4	16	6	1	9	26	45	13		
KC 5	17	4	3	10	20	37	11		
IC 5	18	4	2	12	16	46	10	R	
UMDS 3	17	1	0	16	16	46	2		

thoroughly enjoyed their season which, after all, is what it's all about. Last, and in every sense least, Marv Abdo our 1st team captain. Marv really grasped the job with both hands this year, implementing some interesting and fresh ideas. With the introduction of Monday night training, he and his squad soon built a strong team bond which together with the extra fitness, served them well during the season. Early success left the 1sts high in the Premier Division, but injuries proved to be a bitter blow for the team. Problems with effective

reorganisation resulted in a couple of defeats against inferior opposition, which at Premier Division level is enough to cost the league. Even though the championship had slipped away, the calibre of this years 1st team showed through as they strung together an impressive collection of scalps. One interesting statistic that evolved from the season is that the 1st team never lost whilst fielding its strongest side. This confirms my personal view that Imperial 1st team, at full strength, can and has beaten any college side in the University of London. Dave Buckle (Club Captain)

DIVISION FIVE									
	P	W	D	L	F	A	Pts		
ChXW 2	18	15	1	2	58	22	31		
RSM 2	18	13	3	2	72	33	29	P	
RHBNC 4	17	12	1	4	71	27	25		
QMWC 5	18	12	0	6	76	36	24		
LSE 4	16	7	4	5	39	29	18		
KC 6	18	7	1	10	58	65	15		
MxUCH 2	16	6	2	8	30	35	14		
UC 7	17	4	1	12	41	54	9		
IC 6	18	4	1	13	24	84	9		
RLHMC 2	18	0	0	18	15	99	0		

# WANTED!

## DEAD OR ALIVE

### Sports Correspondent

This person has committed the most sinful of crimes—wasting valuable journalistic skills when they could be used to good use writing for Felix

REWARD 1000 Italian Lire

If you are interested in becoming a sports writer for Felix come into the Felix Office (Beit Quad) and ask for more details.



# Sponsored Ten Pin Bowling

Imperial College Tenpin Bowling club recently ran a 14 hour sponsored bowl to raise money for the Sportsman's Aid Ward, at Middlesex Hospital. The ward specialises in the treatment of bone cancer in adolescents, and during the last 12 months has been treating amongst many others Phil Wren, the current vice-captain of the club.

In all the sponsored bowl collected £821.26, which will be used to brighten up the time that patients spend in the ward whilst receiving their chemotherapy and radiotherapy treatments. Top score of the bowl was 200, which was achieved by Wayne Wightman and Pete Sharp.

I would like to take this opportunity to thank the Megabowl at Streatham for offering us very cheap bowling rates during our bowl, and all the club members who turned up to bowl and helped in raising the money. Many thanks.

Pete



ICU ENTS PRESENT

## EXAM BLUES BALL

**FRIDAY MAY 1st  
DEATH BANG  
PARTY  
and  
THE TRUDY**

Tickets £4.50  
from the Union Office  
£5 on the door

Doors 8pm  
Bar 'til 2  
Disco 'til 3  
**BRING UNION CARDS**

## Athletics

Well what can we say? Who would have thought that Imperial could have a more successful women's running team than men's? After a particularly amazing performance at the Teddy Hall Relays in Oxford on Wednesday 11th March, us girls (Edwidge Patel, Kristina Semple, Kate ?! and Maria Raimondi) went on to win no less than 15 medals between us at the UL championships at the Tooting Bec track (Sat 14th).

The IC men's team turn out in Oxford was a bit disappointing. Paul Northrop (captain) was the only one there and ran for the

university team. The women's team consisted of Kristina and Maria. But as there were supposed to be three runners Maria ran twice (mad!). Despite this apparent handicap, the team came third overall.

At the UL championships, the men's team was satisfying number-wise as well as performance-wise. This time Paul Northrop was not there - and where was Lawrence Fawkes, the supposed organiser of the championships? Anyway, IC was certainly well represented and the team is by far the best in London University judging from this last meeting.

## Mars

On Saturday 2nd May at 7pm in Elec Eng 912, Richard Taylor will be speaking about 'Mars Aeroplanes'. His lecture includes details of high altitude aeroplanes on Earth, the NASA marsplane and two marsplane designs of his own.

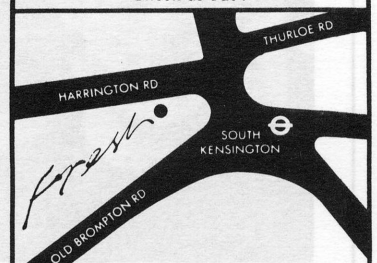
Taylor is an ex-research chief at British Steel and a long standing lecturer in astronomy and planetary science for the department of extra mural studies, London University. All are welcome to this talk.

Kevin Higgs (Ex-chair of SEDS)

*Fresh*

HAIRDRESSERS  
15A HARRINGTON ROAD,  
SOUTH KENSINGTON  
071-823 8968

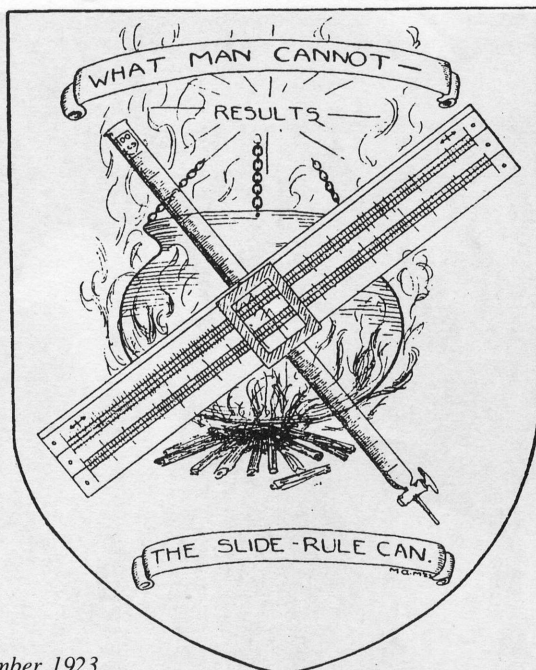
We have a fantastic offer for all you students, a cut wash and blowdry by our top stylist (which normally costs around £21) For only £11 Men £12 Women Check us out!





# The Assay Lab

and  
how  
to  
comport  
oneself  
therein.



A Noble place, lofty and commodious, and fitted with several very powerful self-acting stenches. The morning's work begins officially at 10am, but in practice it is best to roll in an hour (or some hours) later. In order to make up for this late arrival all good assayers take the precaution of leaving the Lab very early. The work itself is fairly arduous, consisting mainly of chatting with one's neighbour, or watching things boil, fume, trickle, drip, run, bust or disintegrate. Occasionally one may be called up to juggle with the assayers's most important instrument—a slide rule, but if the required answer is first obtained from a guileless demonstrator this is unnecessary. At the end of each morning someone makes the big noise for an hour or so, and it is found best to retire to the Union during this ceremony. Returning to the Lab, after a light luncheon, at

2.30, one must be careful not to stay, in an excess of zeal beyond 3.15, as at this hour large quantities of miners are liable to drift in. They then indulge in their post-prandial orgy of glass-smashing and attempted asphyxiation. Like miners all the world over, they are rough and uncouth, though some show signs of a belated attempt at civilisation, by the moral uplift gang of Chemistry Part 1. To the majority of them, however, the use of the fume cupboard is unknown, and they are never thoroughly at home until it is impossible to see more than 3ft in any direction. However, before this stage is reached, most metallurgists have retired, to leave them to the full enjoyment of the atmosphere until thrown out by the night-watchman. If all would-be assayers model their conduct on the lines indicated above, I feel sure that they will prove not only a credit to their profession, but also to the demonstrators and lecturers who give so much of their valuable time to assist them.

Phoenix, November 1923

## Credits



Rose A, Andy T, Declan C, David HB, Simon G, James G, Poddy, Steves F and N, Bec L, John F, Sam C, Ian H, Stef S, Jonty B, Jeremy B, Mario D'O, Catherine D, Memo, Khurru S, Scott C, Jason Lander, Emmanuel Saradakis, Don Adlington, the indirectly droll but pilfered primitive water vehicles and the plethora of straightlaced satire.

## Rag Bungee

The 3rd term is upon us with all the evils this brings. But never fear, Rag is here, to relieve the tedium and stresses induced by college work and exam fever. The first big item on offer to ease your tortured minds is The Great American Adventure Weekend. Thanks to those amazing people at UNICEF we are able to offer you the chance of an amazing day out at Derby American Adventure Theme Park at under half price, with all rides included, on May 9th or 10th. A massive theme park with Grand Canyon log flume, corkscrew and all the fun of the fair, what better way to take a relaxing break from your revision. If you decide to go on May 10th you also get the chance

to see our amazing Bungy Jump team. And we do have limited tickets available which include transport on the 10th so you can accompany the troupe of heroes. Make sure you get there in time. If you fancy joining the bungy jump team and thereby gaining free entry into the park and free transport come along to the Rag meeting in the Union Lounge at 12.40pm for more details and sponsorship form. The jump costs £38 but you get this back if you raise £100 in sponsorship. Team places are limited to 10 so there's a strict first come first served rule. Tickets cost £4 or £7.50 including travel and are available from the Rag Office at lunchtimes and the Union Office.

## Busking

Calling in all budding musicians, mime artists, jugglers, tap dancers...Now is your chance to make your mark. Next week, from 3rd-9th May is Red Cross week and you can join thousands of people nationwide busking for charity. All you need to do is pick up a form from the Union office or Rag office or come along to the Rag meeting, 12.40pm in the Union Lounge today. We'll do the rest. You'll get a kit with licences, badges, collecting cans and information. You can do it on your own or in a group and any money you raise will go on your rag total with all the usual super incentives (mug for £50, t-shirt for £150, sweatshirt for £300).



## toby jones for hon sec (events)

voting: most departments 5th and 6th may

## it's party time

● reorganise publicity ● computerise room bookings ● theme discos ● comedy nights ● bouncy castles ●



An up-to-the-minute guide to events in and around Imperial College. The deadline for entries for this page is the Monday prior to publication.

## FRIDAY

- Hang Gliding.....12.30pm**  
Southside Upper Lounge.
- Conservative Soc.....12.30pm**  
Physics 737.
- Rag Meeting.....12.40pm**  
Union Lounge. Everyone welcome.
- 3rd World First.....12.45pm**  
Upper Southside Lounge.
- Labour Club Meeting.....1.00pm**  
Maths 408. Club members welcome.
- Friday Prayers.....1.00pm**  
Southside Gym. See Islamic Society.
- Kung Fu.....4.30pm**  
Union Gym.
- C.U. Prayer Meeting.....5.00pm**  
413 Maths.
- Christian Union Meeting.....6.00pm**  
308 Computing.
- Swimming.....6.30pm**  
Sports Centre.
- Fencing Club Training.....6.40pm**  
Club training.
- Stoic on Air.....7.00pm**  
Shaolin Kungfu System
- Nam-Pai-Chuan.....7.30pm**  
Southside Gym. All welcome.
- Water Polo.....7.30pm**  
Sports Centre.
- Southside Disco.....8.30pm**  
Southside Bar.

## SATURDAY

- Kung Fu Club.....4.30pm**  
Wu Shu Kwan in Southside Gym.
- IC Shotokan Karate.....10.00am**  
Southside Gym.
- Ladies Tennis.....12.00pm**  
At college courts. Membership £6. All new members welcome.
- Cycling Club.....10.30am**  
Meet at Beit Arch.
- 'Mars Aeroplanes'.....7.00pm**  
Elec Eng 403b.

## SUNDAY

- West London Chaplaincy Sunday Service.....10.30am**  
Anteroom Sherfield Building.
- Live Role Playing.....10.30pm**  
Victoria Station. Gates to platforms 11-12.
- Men's Tennis Team Practise.....11.00am**  
College Courts. Players of any ability. Annual membership £6. New members welcome.
- Catholic Chaplaincy Mass.....11.00am**  
53 Cromwell Road.
- Wargames.....1.00pm**  
UDH.
- Fitness Club.....2.00pm**  
Intermediate.
- Kung Fu Club.....4.30pm**  
Wu Shu Kwan in the Union Gym.
- Catholic Mass.....6.00pm**

53 Cromwell Road.

## MONDAY

- RockSoc Meeting.....12.30pm**  
Southside Upper Lounge.
- Broomball Soc.....12.30pm**  
Southside Upper Lounge.
- Parachute Club.....12.30pm**  
Brown Committee Room.
- Yacht Club Meeting.....12.45pm**  
253 Aeronautics. New members most welcome. Sailing most weekends!
- Basketball Club.....5.30pm**  
Volleyball court. Men's Team.
- Fitness Club.....5.30pm**  
Southside Gym. Beginners.
- Dance Club.....6.00pm**  
JCR. R'n'R/Latin. Adv/Medals.
- Afro-Carib Meeting.....6.00pm**  
Concert Hall.
- Swimming.....6.30pm**  
Sports Centre.
- Stoic on Air.....7.00pm**  
Dance Club.....7.30pm  
JCR. Beginners' Rock 'n' Roll.
- IC Shotokan Karate.....7.30pm**  
Southside Gym.
- Water Polo.....7.30pm**  
Sports Centre.
- Dance Club.....8.30pm**  
JCR. Latin Beginners.

## TUESDAY

- C.U. Prayer Meeting.....8.30pm**  
Chaplain's Office
- Jazz & Rock Club Meeting.....12.30pm**  
Southside Bar TV Room.
- OXFAM Lunch.....12.30pm**  
Mech Eng Foyer. Bread, cheese and pickle lunch. £1.00.
- Riding Club Meeting.....12.30pm**  
Southside Upper Lounge.
- Boardsailing.....12.30pm**  
Southside Upper Lounge.
- AudioSoc Meeting.....12.30pm**  
Southside Upper Lounge. Cheap records and equipment hire.
- Radio Modellers.....12.30pm**  
Southside Lounge.
- Cathsoc Mass.....12.30pm**  
Mech Eng 702. Followed by lunch.
- Ski Club Meeting.....12.30pm**  
Southside Lounge. Put your name down for this year's ski trip.
- Sailing Club.....12.30pm**  
Southside Lounge.
- Environmental and Appropriate Tech.....12.45pm**  
See club for details.
- AstroSoc.....1.00pm**  
Upper Lounge.
- STOIC News.....1.00pm**
- PhotoSoc.....1.00pm**  
Southside Lounge.
- Ents Meeting.....1.00pm**  
Ents/Rag Office. Up two flights on the East Staircase, first office on the left.
- Legs, Bums, Tums.....1.00pm**  
Southside Gym. Organised by Fitness Club.
- Radio Modellers.....5.30pm**  
Mech Eng.
- Fitness Club.....5.45pm**

- Southside Gym. Intermediate.
- Amnesty International.....5.30pm**  
Clubs Committee Room.
- Wine Tasting Soc.....6.00pm**  
Union Dining Hall.
- Dance Club.....6.00pm**  
JCR. Improvers Ballroom and Latin.
- Canoe Club.....6.15pm**  
Beit Quad store or 8.30pm in Southside Upper Lounge.
- Judo.....6.30pm**  
Union Gym.
- Stoic Nostalgia Night.....7.00pm**  
Imperial College in the sixties, seventies and eighties.
- Dance Club.....7.00pm**  
JCR. Adv/Medals Ballroom & Latin.
- Yoga.....8.00pm**  
Southside Gym.
- Caving Club Meeting.....8.00pm**  
Southside Upper Lounge.

## WEDNESDAY

- Fitness Club.....12.45pm**  
Southside Gym. Intermediate.
- Bike Club.....12.45pm**  
Southside Lounge.
- Cycling Training.....1.30pm**  
Meet at Beit Arch.
- Wargames.....1.00pm**  
UDH. All welcome.
- Micro Club Meeting.....1.15pm**  
Top floor NW corner Union Building.
- Kung Fu.....1.30pm**  
Union Gym.
- DramSoc Improv Class.....2.30pm**  
Union SCR (old Union Office). Professional tuition.
- Diving.....6.30pm**  
Swimming Pool.
- Yet more Stoic.....7.00pm**  
Shaolin Kungfu System
- Nam-Pai-Chuan.....7.00pm**  
Southside Gym. All Welcome.
- Basketball Club.....7.30pm**  
Volleyball court.
- Kung Fu Club.....7.30pm**  
Union Gym. Wu Shu Kwan.
- Libido.....9.30pm**  
Ents Club Night in Union Lounge.

## THURSDAY

- Fencing Training.....11.30am**  
Intermediate & advanced coaching.
- Balloon Club Meeting.....12.30pm**  
Southside Upper Lounge.
- YHA Meeting.....12.30pm**  
Southside Upper Lounge.
- Postgrad Lunch.....12.30pm**  
Chaplains Office (10 Princes Gardens).
- Fencing Training.....12.30pm**  
Beginners Training.
- Legs, Bums, Tums.....1.00pm**  
Southside Gym. Every week.
- Gliding Club Meeting.....1.00pm**  
Aero 266.
- Fencing Training.....1.30pm**  
General.
- STOIC News.....2.00pm**
- Fitness Club.....5.30pm**  
Southside Gym. Advanced.
- Midweek Event.....5.30pm**

- Chaplains Office (10 Prince's Gardens).
- Dance Club.....6.00pm**  
JCR. Intermediate/Advanced Ballroom & Latin.
- Step Fitness Club.....6.30pm**  
Southside Gym. £1 for students. Excellent fitness training.
- Judo Club.....6.30pm**  
Gym.
- STOIC. Into The Night.....7.00pm**  
'Exceptional Evening Entertainment'
- Dance Club.....7.00pm**  
JCR. Beginners Ballroom & Latin.
- Real Ale Society Meeting.....7.30pm**  
Union Lounge. Lots of good booze.
- IC Shotokan Karate.....7.30pm**  
Southside Gym.
- Dance Club.....8.00pm**  
JCR. Improvers Ballroom & Latin.
- Southside Disco.....8.30pm**  
Southside Bar.
- ICCAG Soup Run.....9.15pm**  
Meet Weeks Hall Basement.

## Small Ads

- VOTE for Toby Jones for Hon Sec (Events) on Tuesday or Wednesday. It's party time.
- WANTED: Artist to illustrate poetry. Contact Rachel Mountford, Civ Eng II or on 071-603 5234.
- INTERESTED in accommodation exchange, Paris (15e arrdt)? For 2 to 4 persons in May-June (or later). Phone Dr Roger Frank on 010-33-1-45580720 or office: 010-33-1-43044098.
- SEATTLE, USA. Small fully furnished house central location near university. Use of car included. Available June to September. One month minimum. £700 per month, phone 071-722 8054.
- PHOTOCOPY TONER: Sharp PPC SF880ST1 black and PPC SF-880T2 red. Phone 3515
- THE ROYAL College of Science Union are sorry to announce that the Capital Roadshow and the Bucking Bronco will not be at their Ball due to circumstances beyond their control.
- WANTED: Engineering student willing to accommodate a French Engineering student. See letters page.
- SUBWARDENSHIPS: Garden Hall and Weeks Hall. More details from the Warden (Dr S P Walker) on ext 8630.
- FOR SALE Techniques SL/P320 CD. £150 ono Contact M Hadwin, Geol pigeonholes or 071-581 5398 (eves).
- FULL colour photocopier available in the Felix office. Prices - 40 pence A4, 80 pence A3. For black-and-white - 5 pence A4, 10 pence A3. Will do birthdays, diwails and bar mitzvahs.



## Light

David Phillips, Professor of Physical Chemistry, gave a lecture entitled 'A little light relief' on Wednesday April 29. In front of a packed lecture theatre, Prof Phillips presented a light-hearted look at photochemistry and its applications, including laser endoscopy, pregnancy tests, eye surgery and sun bathing. He also provided his version of serendipity, namely 'looking for a needle in a haystack and finding one farmer's daughter'.

## States

Students going to America to start postgraduate studies can take part in a one day 'pre-departure orientation' event organised by the Education Advisory Service of the Fulbright Commission. Anybody interested should contact Steven Alty at the Fulbright Commission, 6 Porter Street, London W1, or telephone 071 486 7697 for a registration form before the end of May. The event will be held on July 29th at International Student's House in central London. (iCNN).

## Water

The manufacturers of 'Springlife,' a new mineral water, hope that sales will benefit thousands of people in the Third World. The price of each bottle includes a donation to Christian Aid who will use the money for clean drinking water projects.

Five pence will be donated to Christian Aid for each bottle sold. Springlife sales are expected to raise £80,000 in the first year. This money raised will be used to supply pumps, deep wells and other facilities to provide cleaner water. (iCNN).

## What!?

The National Student Television Association's annual conference took place in Brighton during the Easter vacation. Imperial College Union's television station, STOIC, won first prize in the video to music category and third in the documentary section. The winning programmes have already been shown. The winner of the music section was produced by Olivier Crepin-Leblond and the extract in the documentary class was by Alex Weidmann. (iCNN).

## High Spirits

Prices of beers in the union bar have been raised in line with the duty increases imposed by the Government's last budget. This has meant an increase of two pence on a pint, such that an average pint will cost £1.12. Spirit prices will remain unaffected, despite the spirit increase announced in the budget.

The selective price increases were announced by the IC Union Bar and Catering Committee. At the meeting to decide the increase, the current bar manager, Mr. Andrew

Flanagan, is reported to have spoken against an increase at this stage. He was apparently in favour of a five pence increase across the board, to be implemented at the end of July.

Southside bar has also announced its post budget increases. The price of beer is to rise by between two and six pence per pint, with an average increase of four pence. Some spirit prices are to rise by five pence. (iCNN).

## Stress Line

Students suffering from examination stress this term can find support from a number of sources. British Telecom and the Samaritans have set up a confidential helpline to discuss such problems. It costs local rate prices and will operate from one month from April 29th and can be found on 0345 90 90 90. BBC Radio 1 are broadcasting a four part series looking into the pressures that cause suicide (see radio listings for details).

IC Student Counsellor, Don

Adlington, has written an introduction to his service on page 10 of this Felix, and can be contacted in his office (15 Princes Gardens) or by phoning internal 3041. IC Union's Welfare advisor, Stefano Ruis, may be able to advise on other matters and can be found in the Union office on Mon 11.00-13.00 and 14.00-18.30, Tues 10.30-13.00 and 14.00-17.00, Wed 14.00-17.00, Thu 10.30-13.30 and 14.00-17.00. He can be contacted by phone (071 589 5111 x3507) from 11.00-17.30 Mon-Fri.

## Hospitals for Axe?

Sources from St Thomas' Hospital and the Charing Cross Hospital have reacted angrily to newspaper reports this week that they are to close. The prospect of these teaching hospitals being axed was raised by the left wing pressure group, 'London Health Emergency.' In their report, 'Countdown to Crisis', they say the consequences could be the closure of 2,000 beds, 100,000 fewer London operations, and the loss of 10,000 NHS jobs.

The report alleged that a secret inquiry, headed by Sir Bernard Tomlinson, is drawing up a hit list of proposed hospital closures. 'We are sounding the alarm now, to alert the public to the danger before the changes are announced,' said John Lister, Information Director of London Health Emergency.

The publication of the report has been greeted with scorn and derision. A spokesman for St Thomas' Hospital said that London Health Emergency were to health what the Socialist Workers were to politics. 'London Health Emergency never check their facts. Their reports are badly researched and generally erroneous. They are a constant irritation. They are

provocative and childish. Their report is completely without foundation.'

A spokesman for Charing Cross Hospital said that the story had caused a lot of worry, but that as the rumour had been going round for over a year, it was about time that Charing Cross was mentioned.

The rumour is being fed by the uncertainty caused by the Tomlinson inquiry. Sir Bernard Tomlinson has been appointed by the Department of Health to look into the provision of health care in London. The inquiry is not due to report until after the summer, but it has been widely rumoured that the inquiry is to recommend closure of two hospitals. London Health Emergency has seized on this to claim the existence of a 'secret agenda'. This the Department of Health denies. Hospitals minister, Dr Brian Mawhinney, said 'it is nonsense to suggest there is a hidden agenda. Sir Bernard Tomlinson's inquiry into health care in London has yet to come to any conclusions. London Health Emergency are simply scaremongering.' Labour's Hospitals Spokesman, Harriet Harman, was unavailable for comment. (iCNN).

## Pram Prix

Imperial College Day Nursery is celebrating its 21st birthday by holding a 'Nursery Awareness Day' on 15th May. The day will feature a 'Celebrity Pram Race' around Prince's Gardens, with barrels of beer awarded for the outright winner, the most beautiful celebrity baby and the most technologically advanced pram design.

The prizes have been sponsored by IC Students' Union. The Chairman of the Day Nursery Appeal Committee, John Kilner, invited departments and clubs to enter teams for the Pram Grand Prix. 'We hope to raise funds for the modernisation of the Day Nursery facilities. The race will raise a lot of money through sponsorship and will be great fun for all the participants.'

Entry and sponsorship forms can be obtained from Ian Gillett, at the Safety Office, 14 Prince's Gardens. Completed entry forms should be returned by the 4th May. (iCNN).

## Brook

Peter Brooke, the Member of Parliament for Westminster South, the constituency in which IC is situated was defeated this week in his attempt to be elected speaker of the House of Commons. Mr Brooke was challenging Ms Betty Boothroyd, the MP for West Bromwich. In a free, ie non-partisan, vote, Ms Boothroyd received 372 votes compared to Mr Brooke's 238.

The defeat of Mr Brooke was in part due to his recent cabinet post as Secretary of State for Northern Ireland, a post which he lost in the recent cabinet reshuffle. Ms Boothroyd has been a deputy speaker since 1987 and has not held cabinet office.

Speaking after the election of Ms Boothroyd, Mr Brooke said, 'I want to be among the first of the backbenchers to congratulate you on your elevation.' (iCNN).

## Stretch

An estimated thirteen thousand people gathered in the Earls Court Exhibition Centre on Sunday 26th April to take part in the '1992 Boots Aerobathon.' Six hundred thousand pounds were raised during the world's largest indoor aerobics display. The money raised will go to treat cancer patients at the Royal Marsden Hospital in South Kensington.