The Student Newspaper of Imperial College

Imperial Stands Firm Against NUS

BY RACHEL WALTERS

The campaign to reinstate Imperial to the National Union of Students was overwhelmingly defeated in last week's referendum. With a markedly larger ballot than many had predicted, 965 students voted to stay out of the NUS while 696 wanted to rejoin.

The decisive result has been seen as a vindication of Imperial College Union. Criticism of both the pro-NUS campaign and the Union Exec's management had dogged the referendum.

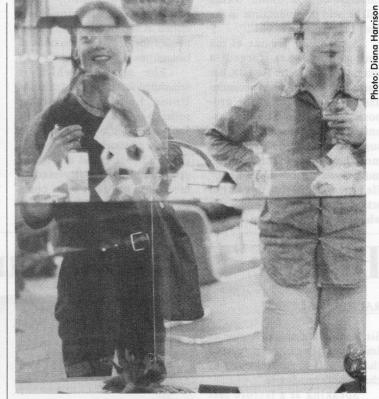
A barrage of complaints concerning discrepancies in campaigning led to a heated debate in an emergency executive meeting held just before counting started. Karl Drage led calls for the referendum to be declared void, but the motion was defeated. "It would have been a great shame if the NUS had won in the light of the

campaign which was run," Dan Look, Deputy president (Finance and Services) said.

Sarah Thomas, who masterminded the anti-NUS campaign, said that she was surprised and delighted with the result. Saying that the election had 'turned into a farce' she was 'just relieved that it was all over, to be honest.'

Lucy Chothia, Imperial College Union president, was also 'very delighted'. She said that the referendum, which had a Union Funding Council budget of £1000, was an essential assessment of student opinion after the seventeen year period since ICU left the NUS.

Interestingly, results from the St Mary's side of campus showed that over 80% of the medics actually wanted to rejoin the national body. Explaining their voting, one St Mary's student speculated that they may have thought that they would get lower beer prices by joining.



No1029 19MAY95

The annual staff/student art exhibition returned to the Sherfield Ante-room this week, writes Owain Bennallack. Visitors are treated to a wide range of themes and mediums with paintings, photography and sculpture all featuring prominently. The exhibition, which is free, has been co-ordinated by the Leonardo Fine Arts society, who run a variety of courses for both staff and students throughout the year. Speaking at the exhibition's opening, Vice President Ola Al-deeb commented: "It's wonderful to see that there is a chance to see art at IC". So if you want to see art at IC get along to the exhibition: it runs until June 16th. Some of the works are also for sale.

Imperial College Goes To Press

BY OWAIN BENNALLACK

Imperial entered the world of publishing last Monday with the launch of Imperial College Press (ICP). The venture is a collaboration between College and the Singapore-based World Scientific Publishing (WSP), which has a 51 per cent share in the initiative. Dr K K Phua, chairman of

WSP, and also of IC alumni, said that the press would publish books and journals in both printed and electronic formats in a number of different languages. "We hope to develop Imperial College Press so that it is as good as Cambridge University Press or Oxford University Press - or better," he said.

Publishing operations are

relatively common among top universities - as well as the Oxford and Cambridge concerns, both Edinburgh and Manchester University have presses. Recently the latter had to close its scientific publishing wing as the effort to manage both science and arts interests became too great. Given this, it seems almost surprising that ICP has taken so

long to arrive.

The Rector, Sir Ronald Oxburgh, expressed similar sentiments. "It's high time that an institution of the stature of Imperial College had its own press," he said. "We are excited by this venture, which will further strengthen our international network, particularly in (continued overleaf)

I news one&two&three ■ editorial&credits three ■ incoming five ■ s-files: picking up on radio seven E features: a moving experience part 2 and information superhighway eight E backchat: with computer chess master Richard Lang nine a xtra curricular: soaring eleven standby: lo-fi thrills twelve&thirteen = eight day guide fourteen&fifteen = sport: airborne sixteen =

News

AGM Angst and Antics

BY THE NEWS TEAM

The success of today's Annual General Meeting (AGM) of Imperial College Union, which will be held this lunchtime in the Ents Lounge, is in doubt.

A candidate for one of the Union posts has forged a seconder's signature. FELIX has learnt that the supposed seconder has not even heard of the proposed candidate. The impersonated engineering student has suggested that the candidate must have been "smoking too much dope, maybe off his head." He further added that this sort of activity "makes a mockery of the whole election."

It is not clear whether in fact the nominee is a 'joke candidate', as by Wednesday night he had only managed to find four seconders. The validity of the whole meeting is being questioned as two hundred people are needed for the AGM elections to be legitimate.

The meeting, which is scheduled for today at 1pm in the Union Lounge, has further suffered from a lack of publicity. Last week's advertisement in FELIX gave neither a date nor a time and posters did not appear around college until yesterday morning. This has been contrasted with the wide publicity given by the Union to encourage students to vote in the recent NUS referendum.

Today's gathering is to elect eight new Union officers and to ratify the election of next year's sabbaticals. In addition, this year's officers are likely to be questioned over their annual reports.

The only contest in the elections is likely to be that for the powerful job of Council Chair. As FELIX went to press the only declared candidate was Vinnie Fernandez, Royal School of Mines Union President, but sources insist that Charlie Bell. Royal College of Science Union President, had previously planned to stand.

(ICP continues from page one)

the Asia Pacific region." World Scientific Publishing is the only sizeable publishing group based in that area of the world.

ICP's Editorial Advisory Board is chaired by Lord George Porter, Nobel Laureate and Professor at Imperial College's Department of Chemistry. It is suggested that they will approach past students and academics first, but will also look to publish works from outside the College. World Scientific will lend sales, marking and distribution skills, as well as actually producing the books and journals.

Speaking to FELIX, Tony Moore of ICP suggested that the extra impetus to launch a publishing concern might be due to Imperial's emerging status as a medical institution. It is thought that Imperial College Press will publish extensively in this field, as well as in science and technology.

Mr Moore stressed the importance the emergence of electronic formats, saying: "it is recognised that is the way science publishing will move - it is a matter of sooner or later."

Loweth to Go

BY THE NEWS TEAM

The main Imperial College repair and maintenance contractors, Loweth and Company, look set to lose their IC work. Their agreement comes up for review this July. Last year the company was reappointed after an annual assessment, but with their quality of work being questioned, the contract is once again going out to tender.

Ron Jeeves, College's Operations Manager, has said that it is 'likely that we will not employ them' after the current tendering procedure. While emphasising that the retendering is 'part of the natural process' he later admitted that 'it is almost certain' that another company will take over the contract.

Rector Talks Top-up Fees

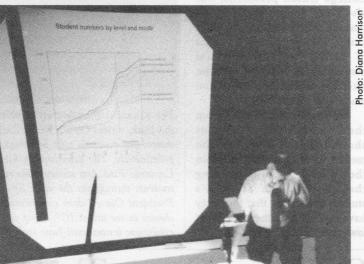
RACHEL WALTERS

Sir Ronald Oxburgh, Rector of Imperial College, has predicted that IC will soon be forced to charge undergraduates.

Speaking at a lecture last Monday on the role of Imperial in the future of Higher Education, the Rector refused to give an exact time-scale, but suggested that top-up fees could be introduced by the turn of the century. "It will not be in the immediate future, and we will not be alone," he said. As a member of the Russell Group of top universities, which includes Oxford, Cambridge and the LSE, Sir Ronald is believed to have previously considered the introduction of top-up fees to boost their falling budgets.

He emphasised the importance of College developing a more flexible approach to teaching, as well as finding a way to be more economical. Highlighting the need for the College to vigorously defend its approach to undergraduate teaching, he said that "if we plan without recognising that our position in the world has changed, we could make some very bad decisions."

Sir Ronald expressed concern that the older, elite universities, will lose out in the



'dramatic changes' which are happening to higher education. He was critical of much of the present university environment, describing the highly influential Higher Education Funding Council for England as being 'at times hostile and threatening'. The Committee of Vice Chancellors and Principles (CVCP), which attempts to represent all higher education heads, had 'shifted away from the kind of things we do and the kind of values we cherish'.

The wide ranging talk discussed the changing relationships between teaching, research and industry in the light of the recent expansion in student numbers. He was particularly enthusiastic about the idea of continuing education. This would encourage graduates to return to university during their working careers for retraining increasing interaction between higher education and industry.

The Rector highlighted the striking changes seen in the level of student finance, showing figures which indicate that by the end of the century funding per student will have halved from 1980 levels. Sir Ronald is believed to personally prefer the option of graduate tax over topup fees.



News In Brief

Exam Traumas

Second and Third Year Mathematics students were disrupted during their exams last Tuesday as a fire broke out in the basement of the Huxley building. Dr David Herbert, the department's Senior Tutor, has insisted that students were only out of the exam rooms for 'two or three minutes.' The small fire was put out by Maths' Safety Officer, Geoff Reason, and students were given an extra 15 minutes at the end of the exam to make up for the distraction.

Vernon McLure, the Academic Registrar, has suggested that the Board of Examiners will be advised to make allowance for students losing train of thought during the interruption. He discounted suggestions that the examination would have to be rerun saying that unless there had been a major breach of rules the majority would "rather get on and get over with it".

Pub Watching!

The rising number of drunken incidents (FELIX 1005-1028) affecting Imperial College is being tackled by local police and college drinking establishments with a new scheme called 'Pub Watch'. At present an anomaly exists whereby students banned from one establishment, for instance the Union Bar, can still drink in either the Holland Club or Southside.

Security Control in Sherfield will coordinate a programme whereby descriptions of banned students will be posted in each bar. PC Clive Coleman suggests that as offensive activity in any of the campus bars would force students to drink outside college (and hence pay higher prices) student behaviour should improve. The 'Queens Arms' is involved in the scheme and Clive hopes that other local hostelries could soon also be included in the initiative.

Even people who look suspicious could be included, as PC Coleman points out that licensees do not actually need a reason to bar prospective drinkers. The police hope to have the scheme 'up and running pretty soon'.

Pimlico Safe

Questions over the future of the Pimlico Connection tutoring scheme, raised in the Times Higher Educational Supplement earlier this month, have been quashed by Dr Sinclair Goodlad. The Head of the Humanities Department dismissed the paper's announcement that 'the Imperial scheme may be for the chop'. Financing for the programme has been guaranteed for the next five years.

Top Gear Stalled

Last Friday's Top Gear feature – due to show Imperial engineers in a kit car building race – was cancelled at the last minute. The presenter booked to do the voiceover wasn't available. BBC sources have suggested that the event's screening has been postponed until next autumn's series of the popular programme.

Briley's Rogues Gallery

Terry Briley, Deputy Head of Security, is planning to set up a 'rogue's gallery' of Imperial criminals. Armed with a new Polaroid camera, he intends to record suspicious incidents and college intruders so that repeat offenders can be easily identified. Mr Briley also intends to extend the plan to include cooperation with other London Colleges. "People make a living out of doing over Universities," he said.

The plan is part of the continuing security clampdown on the ever-growing college crime problem. Speaking to FELIX, PC Clive Coleman said that over 50% of crimes in the Belgravia sector, which includes Knightsbridge, occurred at Imperial. Recent incidents include a break in at Dr Learner's flat in Princes Gardens, after which a man was chased by College Security but lost in Exhibition Road.

Input Rejected

Imperial College Estates look set to go ahead with their Strategy Review without encouraging students to comment upon the proposals. Leading up to the publication of a final strategy in June, the review was issued to college staff in March. It discusses the development of student accommodation and the future of the whole of IC's estate.

Whilst the College claims to have a policy of openness, Mr Ian Caldwell, Director of Estates, has declined to give FELIX a copy of the report. It is suggested that he would prefer that students commented on the final strategy rather than misinterpreted the initial document. In the light of this decision, college staff will be able to influence the plans but students will not be able to discuss the proposals, only merely reflect upon the final conclusions.

Credits

-editorial

A friend returned from a jealousy provoking trip to South, and then North, America earlier this week. Whilst she portrays rainforests in the 'get there before they're gone' manner I'd have expected, her reaction to the States is more of a surprise. She describes dead suburban towns crawling with Beavis and Butthead stereotypes and of the fear of walking at night - and these were college towns! Although this is an almost cliched view of America, for me it gained an added poignancy thanks to her delivery. She is usually unbearably optimistic about places and people, and in America only the madness of New York seemed to her real.

I mention it because I find it fascinating that there is a country behind the gore-bytes we read and hear. The first three things that spring to my mind if I think of the US are the OJ Simpson trial, the recent Oklahoma bombing and a trashy story about a chat show involving a woman who slept with 251 men in ten hours – filmed, the video is available for purchase. One's initial thought is that this is just tabloid sensationalism but with years of repeated doses, hypochondria gives way to disease.

Recently there has been much debate over arming the police. Too often America is brought up as an example of a tough police force – even though everybody knows about the murder counts and gun law. Maybe we're subconsciously motivated by the comforting thought of Cagney and Lacey pulling a gun on the streets of London, maybe scared of seemingly increasing crime we'd like to feel safer. The problem is that it is so difficult to determine whether crime is actually on the increase. Detection rates, changes in the definition of laws, changes in those you consider covered by the law (it's only in the last hundred years that people have really expected the poor to be anything other than criminal: witness the illegality of poverty in centuries past). All can confuse the picture.

The growing power of the media as the only voice of 'authority' has also, I'm sure, contributed to this perspectiveless 'bloodbath'. Even here we suffer Crimewatch UK and a barrage of lurid news reports. So it surprises people that the most gruesome killing of Police Officers happened in the sixties. The media has a fundamental desire to show the world as a bad place, in order to sell product.

The scary thing about America is it seems to be true!

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Editor Printer Assistant Printer Business Manager Advertising Manage	Owain Bennallack Andy Thompson Jeremy Thomson Tim Bavister r Wei Lee
Editorial Team	
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Editorial Assistance	.e
Collating Last Week	J. Jordan, Paul Dias, Razza Walters Rebecca Walters
Helpfulness	Simon Govier

I9MAY95





Wot no Frater?... Questionnaire Plug... The Sex War on Wheels

Frater's Fan

Dear Felix,

I am distressed to see that our good Frater, no doubt lost in meditation and removed from concerns of the temporal realms has ceased to offer words of Wisdom and Comfort to his followers.

Thus I am bidding him continue, for a slightly deranged PG student is finding it increasingly difficult to find solace from meetings with the Supervisor, without Frater Fiam's weekly poetic discourse.

Yours etc. **Dimitris Fatouros** 2nd Year PhD **Centre for Quantitative Finance**

My recollection of the Frater's last article was that it was very much a farewell piece. He has hung up his hat in recognition of the futility of his original question, not to mention the infinite and reflexive nature of the answer he sought. Or maybe he died, suffering horribly in a car crash. Something like that.

Sort out ICU

Dear Owain.

I know most of our students must be sick of answering questions at the moment, but this is a quick reminder about the ICU questionnaire

As a Student Union, it is important for us to know what students think of us now, and what they'd like us to do in the future. Basically, if we know what you want, we might be able to do something about it.

So, if you've got an opinion, pick up a questionnaire from: The Union Office, Bookstore, STA Student Travel or Da Vinci's and then return it to us. Oh, and to encourage you, STA travel have given us £150 work of travel vouchers to give to the person who fills in the first questionnaire we pull out of the hat on June 16th.

Your opinion matters, so tell us what you think. Best wishes,

Mark. **Events and Publicity Manager**

Sex Change

Dear Felix,

I decided to write this piece as a result of a culmination of thoughts over a series of events. For a start, I am female. I state this because for 2 hours of sitting next to a Frenchman on a bus I was mistaken for a male despite conversation being continuous though maybe a little one sidedhe did most of it. Various gestures forced me to this conclusion. Firstly he nudge- nudge wink winked at two girls sitting next to us, who tittered and glanced slyly sideways. "Strangely" enough I failed to respond! Secondly since it emerged during the course of the conversation that I had just been

to visit my female French exchange, he asked whether she was my girlfriend. I thought this just a little bit forward. I think that unless you feel very comfortable with the idea of homosexuality it is not a question generally asked. However you never can tell, so I decided not to comment. Further mild astonishment ensued when he asked whether I thought my French exchange was pretty!! Thirdly he explained the meanings of some less than polite French words, which in my opinion would not have happened had he known the truth! Other gestures followed! Accustomed as I was (and am) to being a girl it was not until journey's end that I realised what must have occurred. I decided not to embarrass the poor man with enlightenment and grabbed my back pack off the front seat with what I thought was a manly show of strength! So that's how one guy behaves when he meets another. Interesting! (or was the whole thing done on purpose and really I was the one who was fooled?)

This brings me to the second event, the much publicised Southside Incident and the even more publicised Oxford University bridge jumper and the difference in attitude to males and female exposure. Many people regarded the former as a good laugh though there was outrage and pity as well. Would the reaction have been the same had the three participants been girls. From the reaction to the Oxford airl I doubt it When

Edited this week by Owain

women expose their natural endowments they are more often than not regarded as cheapening themselves- which is what the Oxford girl has done particularly by posing for the Sun. It's hard enough for women to get taken seriously in higher education establishments and professions as it is and unfair as it is. After all we don't see a male page three! Nor have the three Southside participants jeopardised themselves.

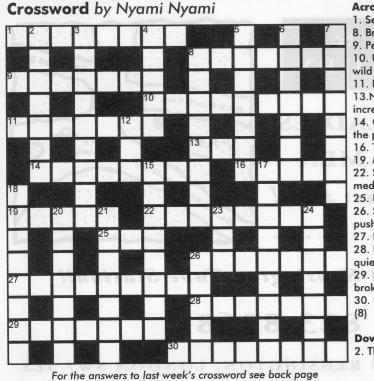
Finally, perhaps the difference in reactions is slightly related to the two terms macho and girlie. The former though intellectually rejected (it is after all not in harmony with the new man image!) is still I suspect secretly thought complimentary. Being called a "girlie" by anyone, male or female is never complimentary. Yours Sincerely,

Ida Lister

Biochemistry UG1

We're planning an issue in just three weeks time tackling the differences between men and women and looking for much input! All contributions on the subject received by Friday, June 2nd will be deemed excellent. Get battling!

Letters may be commented on by a quest editor, whose opinions are not necessarily those of the editor, and cut due to space restrictions. Deadline: Monday 6.00pm.



Deddline: Monady o.00pm.
many scored (7)
3. Curved path of plane over smelly
city (9)
4. Measure attempt at breakthrough (5)
5. Fruit and 25A returned to villain on
first of October (7)
6. Relatives, for example, gain cat by mistake (7)
7. I break thermos and heat line (9)
8. Sally organised a little bubbly after
dessert (8)
12. Thanks to Jamaican leader for cap (3)
15. Attacked as it floated (8)
17. It's rough on bird - I leave a
replacement! (9)
18. Funny looking, I gas 'im at riot! (8)
20. Greets Roman leader and stirs up
bad feelings (7)
21. Bomb explodes in German capital
and crowding ensues! (7)
23. Master will rise up and drop
sweetheart(3)
24. College head plays lovesick music!
(7)
26. Edge back to French way of
preparing food (5)
15A HARRINGT



The S-Files

Voices out of the air: the radio centenary

UNWIRED FOR SOUND

20 YEARS OF IC RADIO

RADIO BAUDCAST

Reaching a Century ○WWW Coldlinks ○Essential Sounds



One hundred years ago this year, a twenty-one year old Italian invented the first practical wireless telegraph set. The following year Guglielmo Marconi patented his invention in England – the Italian authorities having rejected his proposal – and radio was born.

Ten years elapsed before the first transmission of speech, and in the same month that the BBC began broadcasting, King George V delivered his Christmas Day message by radio, addressing "men and women so cut off by the snows and the deserts that only voices out of the air can reach them".

Today, the BBC World Service reaches 130 million listeners world wide. Radio saturates the airwaves: what's the next step? This week in the *S-files*, we ponder two developments. In last Monday's *Guardian* newspaper, Kevin Kelly (Editor of *Wired* magazine and acclaimed, yet not over-exposed, guru) compared society's resistance to early radio with current resistance to the Internet: "Early radio was too hard to use, and there was nothing to listen to, just radio enthusiasts talking to each other. In the beginning it wasn't thought of as a communications

device at all. These things aren't always obvious."

But the Internet is leading radio in a different area. The huge amount of information on the Internet means that an automatic scanning programme which selects items of interest and ignores the rest has already been developed. Nicholas Negroponte of MIT saw the same development ahead for



Happy to be the only student radio station in London

radio when interviewed on *The Network*, a BBC Radio 4 programme: "The big difference is that information can now be processed at the receiving end. I think that radio in fact will be where most of the innovation takes place. It can listen to 5 - 10,000 hours or radio on your behalf and record little chunks for you. It's already much more digital than the video world; eventually I think that car radios and home radios won't have an on-off switch any more."

On the right, hear what Dave Cohen, former IC Radio Station manager has to say about our very own 20-year-old station. And below, check out the emerging overlap between Radio and the Net. Bizarre! S-files

Student radio sites

Nottingham Uni: http://unicorn.nott.ac.uk/~ppyjdnmb/urn.html Oxford Uni: http://info.ox.ac.uk/~osr/

Other sites

BBC Web Resources: http://www.bbcnc.org.uk:80/bbctv/ bbc web resources

Radio 1 Interactive: http://www.bbcnc.org.uk:80/online/radiointeract/index.html Radio 1 Fanzine: http://www.bbcnc.org.uk:80/online/radio1/izine.html Bellingham Early Radio Museum: http://www.pacificrim.net/~radio/site.html Airwaves Radio Journal: http://radio.aiss.uiuc.edu/~rrb/help TV & Radio opportunities in the US http://web.bu.edu/COM/html/radiotv.html World Broadcasters

http://www.comlab.ox.ac.uk/archive/publishers/broadcast.html Virtual Radio http://www.microserve.net/vradio/ Internet Multicasting service http://town.hall.org/sponsors/ims.html Radio on the internet: http://town.hall.org/radio/

Or e-mail Fist.of.Fun@bbc.co.uk Tworld@bbc.co.uk (Tomorrow's World) pov@bbcnc.org.uk (Points Of View) Worldservice.Letters@bbc.co.uk S-files spoke to Dave Cohen, IC Radio Station manager 1992-93:

"The Radio station was set up in about 1975, but it didn't get its first broadcast licence until March of 1976. It's still the only broadcasting student radio station in London

IC Radio is the only broadcasting student radio station in London

One of the first songs they played was Elton John's Crocodile Rock and so the crocodile became the station's mascot. I think the actual crocodile got thrown away, but John Allen, the first Station manager (who is now controller of LBC) returns every year for the Croc Club dinner when old members get together.

IC Radio owns 10,000 singles, 4,000 albums and 1000 CDs

It's true that we're still broadcasting on leaky coaxial cable, 19 years after opening. To go FM would mean we would have to contend with other local stations like Capital FM, though. We might be able to get a temporary FM licence, but they cost a lot of money, and we'd need a transmitter which would also be expensive.

If IC Radio was run by a sabbatical, more time could be spent on broadening the listenership by increasing

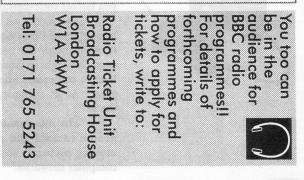
To go FM would mean contending with stations like Capital FM

fundraising efforts to pay for things like transmitters, and devoting more time to organising shows and training people.

The problem is that the listenership is restricted to Southside and so advertisers aren't interested. But until funds are raised, we can't increase the audience. If one year the distribution was increased, by laying landlines over to the Union bars, the college common rooms and all the halls of residence, or better still by obtaining a wide area broadcast licence, a large part of the problem would be solved. After that the Station Manager could concentrate on programming.

IC Radio provides a unique opportunity for students to have a go at broadcasting

At the moment IC Radio is very important because it provides a unique opportunity for students to have a go at radio broadcasting, not to mention being excellent fun. Its significance would further increase as a college-wide source of information and entertainment if its profile was raised and these changes took place."



Features

Moving Experiences II

lthough I have stressed that Paul is a competent individual, I should make clear that he shared some of our collective traits. We left him to look for a house and he, competently, decided to pay someone else to do it. The agent's name was Bob. He didn't like Indians very much, he told Paul, and he hoped that none of our party were of this or any other Bob-deigned undesirable class. He'd had a lot of trouble with Jews and the Irish were difficult to manage too. It seemed a weird sort of inverted racism (Bob himself was dark-skinned) that led him to categorise his wards purely on genetic background: I have no doubt at all that when approaching landlords he got in 'they're white' before 'they're non-smokers'.

He didn't further his case as an impressive and assured agent when we arrived at his office, with a cheery Paul telling us that together they had found the perfect place. I have a generous spirit, and when I saw that his office had been ransacked, his filing cabinets emptied onto every available surface and the office stripped bare of any modern, post-sixties office equipment I felt we should leave him to recover the bare essentials of his agency business. But he was a plucky man: he welcomed us and dived beneath the thousands of pieces of paper littering his desk to find one with 'Paul – not Indian' written across the top.

The poor mentally retarded immigrant who he employed in the office (due I presume to the unwavering goodness he had already displayed) stood in the corner and repeated everything Bob told us with a 'Bob is very good' tagged on to the end. Bob explained the details of the wonderful three bedroomed apartment we would be moving into. Principally it was halfway up the building and Bob felt that properties always improved as one ascended skyward. (Only later did I watch a cockroach struggling to escape up the bathroom wall and realise his reasoning). It was close to college - true. The landlord was very nice (more very polite, I later found out, like the villains in James Bond). His main recommendation was that he had turned away most of Imperial's students that very afternoon because he had promised the flat to Paul. We'd be fools to miss out.

- by Owain

I must admit that I was carried away with the whole romance of it. Plus, I knew that I would be living on the streets in a couple of days and that lit up the future apartment with a rosy, super long-life glow. At that point I believed we would actually be visiting the flat before buying it – indeed the assistant had phoned the landlord minutes before. Most of their conversation had centred on money rather than a prospective visit, but we had faith in Bob.

We couldn't unfortunately enter the flat on arrival, due to a lack of keys on the agents part, but it certainly looked as if it was undergoing the promised 'renovations'. To be honest it looked as though it would have been falling down without them. I was too busy at work to worry much – and after all, my request had just been for a roof over my head.

The others moved our possessions across whilst I languished in the office all day, as recounted in an early editorial. But the fateful moment couldn't be delayed. At about 2.00am we unlocked the door. The light didn't work but dawn's glow eventually came. I went into denial.

>Information SuperExhibiton

A new exhibition at the Science Museum aims to give the public a better idea of what the Information Superhighway could do for them. Mark Baker logs on...



SCIENCE MUSEUM LONDON



The Information Superhighway (ISH) does not exist. So says the Science Museum in a new miniexhibition. But why have an exhibition about something that doesn't even exist yet? (and might never exist, the exhibit goes on to tell you).

The simple answer is that the press coverage of the Internet / ISH has increased by over 1000 times in the last two years, and most of the public is probably still wondering what all the fuss is about. This exhibition is a great opportunity to find out more about the current technology and what the future may hold. You can even have a go 'live' on the Internet, with 'Lifeguards' standing by to help you out (should you fall off your digital surfboard).

The exhibition itself is very small, and is located on the first floor of the museum. To find it, go through the barriers, straight ahead, first steps, it's right in front of you. It's fairly gaudy to look at, but presentation aside, the content is very good. As an example, here is their definition of the ISH:

"The information superhighway will allow people to send and receive words, sound and moving pictures, anywhere in the world, over computer networks."

The language used is deliberately nontechnical but without too much skimping on information or simplifying of issues. As well as several interactive 'simulations' of using the Internet and ISH, there are eight PCs ready to use in a special 'Surf City' section. With these PCs you can browse the World Wide Web and get a taster of the kind of information and services available on the Internet today. Very friendly and helpful boffins are on-hand to enable even the most computer-illiterate of museum-goers to try out the system. When I went I saw a young girl looking up Hockey teams, next to her dad who was looking for travel information. This is the best part of the whole exhibit, and is popular with visitors. "One lad sat there for four hours, and even worked out how to use email." a 'Lifeguard' said.

I was expecting to be patronised, but instead was informed. This is an exhibition that is well worth seeing, even if - like myself - you already know something (or a lot) about the Internet, and even more so if you don't.

The exhibition runs until 3 September, when it goes on tour. Entrance is free to ICU card holders or £5 adults, £2.60 concession.

800

A Fast, Floppy Check Mate

After graduating from Imperial College in 1977 with a Physics degree, Richard Lang started messing around writing chess playing games on his home computer. Last year one of his programmes, Genius 2 beat world chess champion, Gary Kasparov at speed chess.

For hundreds of years the game of chess has been thought of as one of the defining marks of human intelligence. Its grandmasters may not have been viewed as very useful by the general public, but in some abstract sense we were always glad they existed. Now however, the shadow of the computer looms large over the world of chess.

On one level sit the big number crunching mainframes, with names like Deep Thought and Deep Blue; these are the dedicated chess machines which play the 'full' game. Scurrying below such behemoths are the micro-computer based programmes; the rapidly developing kings of 'speed chess'. Perhaps the most famous of these are the Chess Genius series of Richard Lang.

In a similar way to many of of those who have since come to prominence in the computing field, Richard just started off messing around at home. He also studied Physics at Imperial. "I worked a bit too hard and didn't play hard enough" he joked when I spoke to him over the phone from his home on Dorset. After graduating in 1977, he got his first job doing safety research for British Gas.

"It was about the same time that I got a home micro and just played around with it, as a hobby", Richard explained. At first he toyed with simple programmes for noughts and crosses and the odd video game, but 'the first proper game programme' he wrote was a chess playing programme. "I started off playing chess at school", he said "and I did play at the college club, but only for a term". This hobby grew until one of this programmes won a European microcomputer chess competition. After that he was offered a job with a small software house,

before going freelance a few years later.

Chess Genius 2 burst onto the scene last year during the Intel Chess Grand Prix. This tournament, sponsored by the makers of the ill-fated Pentium chip, pitted the best micro-chess programmes against some of the world's top grandmasters.

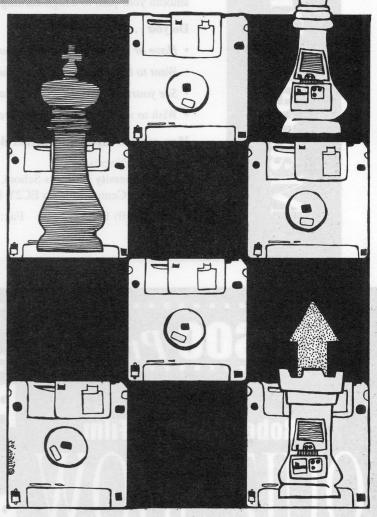
"When we heard that we were drawn against Kasparov [the world chess champion] in the very first round, we thought we'd be knocked out and go straight home", recalled Lang. "It would have been no disgrace to lose. I was absolutely amazed when we won."

Of course for the purist, speed chess competitions are viewed as artificial events with each player only having a total of twenty five minutes to make their moves. However, the fact that it was Kasparov that had lost, resulted in a media explosion.

"As soon as we'd won, I knew it was a really big event, a mile stone in computer chess", Lang told me. "Kasparov looked absolutely devastated when the game was over and he went backstage and disappeared from the tournament." As another grandmaster commented at the time, "he [Kasparov] wanted to crush the computer, not just beat it".

Of course the inexorable rise of computers in chess has been on the cards for a long time. It is said that Napoleon was fooled into believing that he had been beaten by a mechanical chess playing machine. In actual fact there was a midget secreted inside the mechanism, or so the story goes.

By the late eighties only the top thousand chess players were capable of beating the best computers. Then in 1989 the mainframe, Deep Thought, beat a



BackChat

a care

talks to Jon Jordan

Danish Grandmaster. Kasparov losing to a micro was seen as a different matter.

Kasparov's hostility to computers beating him at chess is not merely an intellectual reaction, though. As the top player in the world he makes around £1 million a year. As many have commented, who'll want to watch people play chess when they can buy superior software for £100?

It's not something that particularly concerns Richard. "I think computers add to the game" he said, "A car can 'run' faster than a human and it doesn't stop people running. You can play against a computer to improve your game too".

With Chess Genius 3 selling around 10,000 copies a year, Richard says "it's an on-going work". There are about four similar programmes on the market, and they're highly competitive. Next week Richard takes his latest development to Hong Kong for the World Computer Chess Championships. There's also a revenge match against Kasparov in Germany. "I think he'll take computers much more seriously in the future", said Lang.

And the in future? "Well maybe in ten years I'll get round to the Chinese game of Go! I've heard it's quite interesting".





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Winners will be drawn in the last week of term.

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Union

Union Job Offers

Keys: Council, Represent, Chair

The following posts are up for election at the Annual General Meeting at the Union.

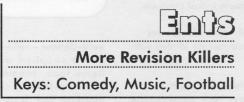
- Rag Chair: Chairs the Rag committee to organise all the Rag Events, from collections to Tiddlywinks. Rag raises thousands of pounds every year. Can you improve on this?
- Welfare Officer: Represents the students needs on the College welfare committee. It is also the Welfare Officer's job to alert the students to welfare issues of all types and, in collaboration with the Union Welfare Committee, to run the Union's Welfare week.
- Women's Officer: Represents women students at Imperial College and is responsible for running the Union minibus service.
- ICCAG Chair: Imperial College Community Action Group Chair organises the community action. The major effort is, at present, put into maintaining a regular soup run for the homeless in London.
- Transport Officer: Looks after the Union's fleet of minibuses.
- Accommodation Officer: Works to improve the living standards of IC students both in and out of halls. They also Chair regular meetings between the Hall representatives and members of the College staff.
- Postgraduate Group Chair: Responsible for running the Postgraduate network. The network provides entertainment and meetings for Postgraduate students.
- Equal Opportunities Officer: Alerts students to the needs of minority groups within the college and works with the welfare and women's officer to run the Union's Welfare week.

Film Soc Forthcoming Attractions Keys: Killing, Porter, Quiz

Another famous ICU cinema late show takes place this Saturday at 11pm with everybody's favourite transvestite film, **The Rocky Horror Picture Show**. The film before this (at 8pm) is the much talked about catwalk film, **Pret-A-Porter**. Robert Altman's satirical film has so many cameo roles that it is hard to pick out an overall star. Julia Roberts, Tim Robbins, Sophia Loren, Kim Basinger and Tracy Ullman seem to get top billing but this is just the tip of the iceberg – blink and you'll miss a stunning supermodel. There is a murder involved so not only is the film a who-is-it but it is also a whodunit.

If you are thinking about cheating in your exams then come along on Sunday at 8pm to see how the professionals do it. Quiz Show, a film directed by Robert Redford, is concerned with the scandal of the 1950's American programme twenty-one in which the contestants (Ralph Fiennes et al) get given the answers, which surprisingly enough seems to make things a tad easier.

The last film of the week (Wednesday at 8pm) is one for which Quentin Tarantino was executive producer, **Killing Zoe**. Eric Stoltz stars in a Roger Avary film about a bank job in Paris. With the way my grant's going (quickly) I may have to consider a similar idea.



So, here I am, basking in the reflected success of Harry Hill and ready to go with another week of '12 points' style fun. And here it is...

Friday – Comedy Awards

The triumphant return of the Bust-a-Gut Comedy Club, after last week's sell out show. For our final show of the year we are proud to present the Semi-finals of the National Comedy Network Open Mic Awards. The show features 5 top new acts, as well as Boothby Graffoe. The winner of the show based on audience reaction and the opinion of the expert panel will go on to perform at the Edinburgh Festival. So, you could be witnessing a star in the making. Tickets are just £2, there's a free bottle of Newcastle Brown Ale to the first 50 in, and the doors open at 8.30pm. Then you can dance the rest of the night away 'til 2pm at Atmosphere. Free if you go to the comedy or are there before 9pm, £1 otherwise.

Saturday – Man U 7 - Everton 0 Almost as good as being there... the FA Cup Final between Everton & Man U live on the BIG screen in Da Vinci's. Come and see whether United bite off more than they can chew against *the toffees* (that's my fantastic football cliche for the day – just see how many times it gets used on match day). The bar opens at 1pm to set the atmosphere, and Heineken is $\pounds1$ a pint (while stocks last), so don't be anywhere else.

Monday – Monday Madness There might not be any more footie, but we've still got Monday Madness. As usual, one beer will be £1 a pint while stocks last. Tuesday – Bar Trivia

Put your mind to gainful pursuits with a special *Bar Trivia* night. There's £50 cash, or crates of beer to be won and entry is *free*. Questions start at 8.30pm in Da Vinci's, and there won't be an invigilator in sight.

Wednesday - Club Spanque, Football

Providing that length isn't everything, the ever shrinking sensation that is Club Spanque. Music from 8pm to 11.30pm, but it's still great value for money because it's free. Also, the European Cup Final will be live on the big screen at 7.30pm.

Thursday - Cocktail Night

We can't guarantee a *screaming orgasm* every week (well, not in cocktail terms any way), but we have got the best value Cocktail Night in South Ken, 5pm until 11pm.

Friday, 26 May - Shaft

Leave your Gaultier at home, forget being cool and get your spangliest dancing trousers on for a night in Disco Heaven. Yes, for those who believe in the Boogie Wonderland, and the power of pop, the return of *Shaft*. Classic records from the days before remixes, when House was where you lived and Texaco was the only Garage that mattered. Thrill to the likes of ABBA, Odyssey, The Jacksons, Duran Duran, Wham and a cast of thousands. Dress up and there's T-Shirts and C.D.'s to be won. FREE before 9pm, £1 after.

Record Breakers

Keys: Fastest, Youngest

Only a few months after the purchase of our new competition class glider, Pete Masson (Biochem 2) broke 2 UK gliding records on Good Friday. He became the youngest person ever to accomplish this feat.

He achieved the fastest flight ever in this country over a distance of 500km in both the 15-metre and standard classes. The flight was from Lasham (near Basingstoke) to Tickhill (near Doncaster) and back again. He did this in a time of around $5\frac{1}{2}$ hours at a speed of 85kph beating the previous record of 75kph which stood for the past 5 years.

The glider was purchased thanks to money from the Union and the Harlington Trust. The ASW-24 single seater glider was recently on show on the Queen's Lawn during which time the Rector came and wished the club every success for the future.

The total number of glider pilots who have flown 500km is very low as a flight of this length is only possible on a couple of days each year. Pete's background in gliding commenced when he was 16 as a Lasham cadet and he has recently been awarded an air league flying scholarship to enable him to gain his PPL. He joins Afandi Darlington (Aero 4) as only the second ICGC student to have ever flown 500km.

If you are interested, come to our weekly club meeting in Aero, room 266 on Thursday at 1pm. You could also contact Wendy Yates (Captain) on w.yates@ic.ac.uk or Pete Masson (Vice Captain) on p.masson@ic.ac.uk.

Standby

riddlers

"There is no art in these songs, they drive themselves, become exacty thier limits and possibilities" scrawl **pavement** (sans dictionary) inside their new album, wowee zowee.

Which is what we've come to expect from the kings of diy american music; something that initially seems so throwaway and stupid, that on reflection actually encapsulates some deep seated truth. Remember 'cut your hair' from their last album, crooked rain, crooked rain'?; "music scene's crazy, bands start up each and every day. I saw another one just the other day, a special new band". It's all there; the inane, the vain and the glorious sides of life. And in the same way, Pavement are probably the only band in the world who could label an album 'wowee zowee, whilst keeping their smiles akimbo and turning out songs as great and meaningful as 'rattled by the rush' and 'fight this generation'.

"Teenage angst has paid off well and now I'm bored and old" were the first words growled by Kurt on his last studio album. "There is no castration fear" chimes back Stephen J. Malkmus on opener 'we dance'. Maybe it's supposed to be significant but more probably Pavement are just out baiting the open mouths of the press legions again. After the fun they've had bad-breathing the Smashing **Pumpkins and Stone Temple Pilots** in the past, who'd deny them the opportunity. Still it would be more than a shame if this kind of rumpus overshadowed the brilliance of 'wowee zowee'.

Whereas, 'crooked rain, crooked rain', was too polished for some, this new selection of eighteen tracks see Pavement slightly regressing back to the rambling style of 'slanted and enchanted'. Yet the strength of 'wowee zowee' is that its sprawl is far tighter than before.

Their trick is that although songs like 'best friends arm' and 'brinx job' veer close together, they remain distinct. Partly it's because Pavement ignore the traditional niceties of verse-chorus-verse and so they can crash out, kick in overdrive guitars or even the odd harmonica to redirect the melody wherever they change their mind. Partly it's the simple fact that Pavement are one of the best bands playing around today. But whatever the reasoning behind it, all you need are the ears to hear it. Pavement are inane, vain, glorious, and we're proud of it. (9)

rotation

mcalmont & butler - yes

This curiously motown inspired pop sounds rather boring in the mix, with Butler little more than a famous session musician.

hed - folklore

Pumping dance thing, but I like itl Unusually strong lyrics and a jigging Irish feel warrants a result.

letters to cleo – here and now Likeable poppy jount tackles tongue-twisting lyrical tightness.

radiohead – fake plastic trees Poignant supersuede loaded with sentiment.

paradise lost – the last time Fallen heavy rock band trudge along with Smash Hits lyrics. Read some Milton lads.

After looking at the track listing I suspected that this might not be a fantastic album. Although **salad** have released two very good songs in 'drink the elixir' and the current single, 'motorbike to heaven', placing them as the first two tracks on their new album, drink me, suggested that the rest might be lacking a little.

Sadly my preconceptions were not challenged by the additional twelve titles which, apart from being considerably shorter than the released songs, seem to be deficient in originality too. Indeed many of the tracks had a distinctive b-side feel to them and didn't follow in the style that Salad have built up.

Some songs however were very catchy, such as 'overhear me' and none were particularly offensive to the ear. Many tended towards an Elastica like sound, which was disappointing as it veered from the slightly creepy, haunting tones so successfully produced up to now. A lot of the lyrics also seemed fairly poor, 'a man with a box' obviously has a message but the song wasn't dynamic and it just became banal.

Overall this isn't a terrible album but I'd only buy it if I was a big fan. It would probably be better just to buy their last two singles. (6)

So **kingmaker** are back with in the best possible taste, their fourth album, and they've even had a hit single to boot. This, despite being at the end of more than one waspish tongue from the hack pack. And



A full and frantic week is in progress. Tintin waxes and buffs lo-fi heroes **pavement**, Matt finds a drooping **salad**, D.C.Dick rises from his slumber for the sake of **kingmaker**, Vik reviews **francis dunnery** (again) and Helen Louise rounds off with those african peakers, **sidi bou said**.

THE MENU



Time to tug feltlock as the lord of the manor deigns to visit the stinking hovel that is our humble **rotation** – Hello Owain.

There's a bit of run on Mr Depp this week folks. Magpie caught Johnny as the pneumatic lover in **don juan de marcos** and then the watcher passed him lady's underwear in **ed wood**. A thankful Magpie finally saw the depp-less rob roy. 'Haggis' he cried.



'Summertime, and the living is easy' so the song goes. But it's not the case for dedicated followers of **fashion** says *Fiona*. Attention to detail is the order of the season.

velo-deluxe – vello-deluxe Demo supplied on unwound demo tape. Hmmm, not good when reviewing singles from morning bed. It almost spoiled this overpraised FELIX TOWER's favourite. purescence – I suppose I suppose she dumped him for being so remarkably dull.

sundial – bad drug Goes nowhere.

whilst it's easy to pick on their 'A' level politics (some of Loz's lyrics still fall wide of the mark), on the whole 'in the best possible taste' is an accomplished album, with more good than average.

Produced by Stephen Street (of Morrissey fame) the end result is a fuller and not so 'much in your face' compared to their earlier recordings. Whilst the single, 'you and 1' is possibly the most immediate track on the album, 'hey birdman' and 'frustrated gangster' show them in more reflective mood and they are the most satisfying.

In the best possible taste? I wouldn't go quite that far, but for anyone who thought that Kingmaker were long past their sell by date; think again. (7)

If you're a regular reader of the hallowed music page then you'll know already what I think of francis dunnery, ex-singer and guitarist with late '80s rock maestros It Bites. If you're a stranger then shame on you but read on and all will be forgiven.

Wit, self-effacing humour, musical expertise and genuinely emotive songs are hard to come by in these days of floppy fringes and vacuous, pseudo-intellectual proverbs. All of these are necessary components of the live acoustic lp, one night in sauchiehall street. Wit: "Robert Plant said to me, 'Frankie, you'll never do anything new in rock 'n'roll'. Well I ain't ever seen Planty make a cup of tea on stage."

(proceeds to put the kettle on.) Selfeffacing humour: "I used to sit on Sunset Boulevard stone drunk watching the rock dudes go past. Then one day I woke up and realised that I was one of them."

Musical expertise: pay homage to the king of unpretentious guitar dexterity on the likes of 'Heartache Reborn'. Genuinely emotive songs: every track but I defy you not to feel a rather large, lumpy thing taking up residence in your oesophagus when you hear 'what's he gonna say' (about adultery), the cynical in jaunt's clothing of 'american life in the summertime' or the It Bites' tour de force, 'still too young to remember'. At the end of the show a voice shouting, "You're a f*in' genius", is audible. 'Nuff said. (9)

I've no idea how to pronounce sidi bou said, which is a shame cos after hearing their new album, bodies, I want to check out their previous stuff. I could bandy about words like 'indie', 'rock;, 'goth' and 'punk' but none would even come close - influences merge and come together with no hint of pretention. Unexpected tempo changes, strange sound effects and slightly twisted vocals merge to form the most original thing I've heard since the last Wildhearts' album. Song titles like 'ode to drink' and 'sicky vomit' don't do justice to the delicacy of the introspective, often sexual, lyrics. And for once I totally forgot that they're an all-girl band. I am impressed; way above average.(9) O

015





men in capes, skirts and angora sweaters

There he stands claiming to be Don Juan and only forty feet from death. **don juan de marco** (Johnny Depp), the world's greatest lover and seducer of more than one thousand women, looks over the window ledge, suicidal with the loss of his only one true love. Dr Mickler (Marlon Brando) is called by the police to talk the jumper down and there he finds the young man dressed in a cape, a Zorro mask and wielding a sword.

Don Juan, now in a mental institution, starts to retell his life's story of love and romance. With each session Dr Mickler becomes more engrossed by the young man's stories and slowly begins to believe he really is Don Juan De Marco. Don Juan's influence is evident and his love of love rubs off on the doctor who starts to rekindle the flame with his own wife Marilyn (Faye Dunaway). However with only ten days to decide whether or not Don Juan should be institutionalised permanently, Dr Mickler has to persuade him to 'drop this facade'.

Don Juan's tales are certainly tall, like hiding in an arabian harem with 1,500 women, but as the film progresses you end up wanting to believe in this fantasy world to escape from the dreariness of the everyday life. It's becomes a question Dr Mickler has to face; is the reality of his life more desirable than this fantasy world?

The film's passion is addictive and this is what makes it so enjoyable. It's feelings of love, passion and romance will linger long after the tale is ended.

Having passed up directing Batman Forever, *Tim Burton* concentrates his unique macabre visual and directing styles on the story of Edward D. Wood Jnr. This infamous cross-dressing director was recently voted 'worst director of all time' thanks to such Z-grade movies as Bride of the Atom and Plan 9 from Outer Space.

ed wood focuses on Wood's (Johnny Depp) struggle in Hollywood to make his films whilst



juggling his personal life and in particular his secret passion for dressing in women's clothing. The film also deals with Wood's friendship with the washed-up, morphine addicted former movie star Bela Lugosi (brilliantly played by Oscar winner, Martin Landau).

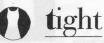
Opening with one of the most innovative and original opening sequences for a long time, the film is shot in black and white which allows Tim Burton to recreate his typical gothic, brooding visual style. With an often very amusing script, the film moves along at a fairly sedate pace and although it runs slightly longer than needed, nevertheless it never ceases to be engaging.

Perhaps it's true to say that it does tend to concentrate more on Ed Wood's film making, treating the transvestism as a side-line which is never really explored. And it is the films that Wood 'makes' which are the driving force of the movie. Always struggling to raise the money and sometimes shooting as many as thirty scenes a day, what Wood lacked in talent he made up for in drive. He wasn't bothered about the quality of the films so long as his vision wasn't compromised. In a particularly effective scene Orson Welles tells him to shoot his vision and nobody else's.

As winter approaches in 18th Century Scotland, highlands' clan chief Rob Roy MacGregor (*Liam* Neeson) enters a business venture with the Marquis of Montrose (*John Hurt*). The Marquis' tax collector and English social parasite, Cunningham (*Tim Roth*), however conspire to steal the clan's money and thus they risk losing their land to the Marquis.

Whenever Hollywood gets its hands on a historical icon, it hashes out a story involving a great deal more passion, drama and action than what really happened. There's nothing wrong with that but when the casting is mismatched (Robin Hood aka Kevin Costner) it is hard to trust the story.

rob roy follows a similar pattern; Liam Neeson being Irish fails to convince the audience he a Scot and so Rob Roy fails to hit the all important culture button. The film throws you between Rob Roy's love of his wife, Mary, and the theft of the money. Rob Roy tries to mix the two stories but in the end the film just becomes a big mess.



This season's key idea is refreshing simplicity, with extreme attention to detail. So, whilst the sleeveless shift remains an essential it's becomes slightly more structured than before; team it up with chic headgear, sophisticated sunglasses, well cut hair, perfect nails and pedicured feet in startlingly high stilettoes.

Underwear has to uphold the unhindered line and create the 50's ultimate hourglass form. To do this, M&S have new seamless satin underwear and Gossard have produced a waist clinching, cleavage producing basque. Before we 90's women frown, remember that as Jill Tweedie says, "You don't have to signal a social conscience by looking like a frump – lace knickers won't hasten the Holocaust".

According to Vogue, the essential basic wardrobe for this season comprises of the dress, the twinset (buy one size too small), a waisted linen suit, a pencil skirt and skinny top. Pencil knee-length skirts can't really be carried by anything other than heels - as high and thin as you can stand up in. The hottest, indeed the only, footwear of the year comes in white patent; whether 3" tall or loafers. For those with a life to lead that involves walking more than three paces in a day, the fun alternative is those childhood favourites - jelly shoes (Warehouse £9.99).

Warehouse is also currently stocking a fabulous range of skinny, lycra based tops - in the very best of 50s' styles, and even better, 90's prices. Sticking with the childhood-revisited theme, for those who like to have a startling effect on passers-by, the new palette influence is citrus, with tangerine sheen, lime and glowing yellow. Best buys in this range are from Kangol, Oasis and Jeffrey Rogers. The latter also stock an excellent pair of three quarterlength gingham capri pants for only £16.99.

Returning to attention to detail, the latest acclaimed accessory is the perfectly groomed man. Personally I prefer the old idea of a lap dog – as Ms Carelli so elegantly expresses it "I never married because there was no need. I have three pets at home which answer the same purpose as a man. I have a dog which growls every morning, a parrot which swears all the afternoon and a cat which comes home late at night." G

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	× - contains MINAL	FRIDAY	SATURDAY	G	THORN	TUESDAY	WEDNESDAY		NEXT	Guide Places SG Southside Gym
	EVENTS INDE	Bust - A - Gut 8.30pm Open Mic Awards. 5 New acts compared by Boothby Graffoe. £2 including bot- tile of Newcastle Brown. Atmosphere 9pm £1 after 9pm.	FA Cup Final 1pm Eventon vs Man Utd Big screen. Bar open from 1pm. Heineken £1. Da Vind's.		Monday Madness! Bar promotions at Da Vind's.	Bar Trivia 8.30pm £50 cash prize. Free entry. Da Vina's.	Club Spanque 8-11.30pm Free. UB. R Open Day 12.00pm- 14.00pm An opportunity to talk to the Humanities and Languages Teachers about the options available to you next year. Mech Eng, rooms 313A-313B.	Cocktail Night 5-11pm Bargain cocktails from £1.70. Weekly specials. Da Vinci's. R.	FRIDAY Shaft 70s & 80s pop disco. £ Lafter 9pm. Prizes for funkiest outfits.	SL Southside Lounge UDH Union Dining Hall UCH Union Concert Hall EL Ents Lounge GH Great Hall TTR Table tennis room LT Lecture Theatre
ITHOME	REGULARS	entry reinstated, c almost anything e	Gliding Club 8.15am Lashem Airfield. Come to Thurs meeting if it is your first time. Roller Blade Soc 10.45am. Ramp skating at Brixton Skate Park. SL. Roller Blade Soc 2pm Skating and Hockey in Hyde Park/Kensington Gdms. SL.	Gilding Club 8.15am Lasham Airfield. Come to Thurs meeting if if is your first time. I Choir 11am Rehersal. Reed LT Wargames Club 1pm Table Tennis Rm. Roller Blade Soc 2pm Skating and Hockey in Hyde Park/Kensington Gdms. SL Aerobics Class 2pm Intermediate level III. SG. Tae Kwen De Bpm Self protection. New olympic sport, tukered by current silver medalist.	Aerobics 12.30pm Body Toning level I. SG. Exploration Soc. 1pm Meeting. SL (upper). 1-2pm Meeting. Brown cmtly rm. Skt Club 1-2pm Meeting. SL (upper). Aerobics Class 5.30pm Beginners level I. SG. Concert Band 5.45-7.15 Any Ability. GH. Bridge Club 6pm Rm 345 Huxley. 6pm	Meeting. All Welcome. SL. UCO 1pm Bible study. Mat B432. Leonardo Soc 5.30pm Class with Des. CivEng 101. £2, £3 non memb. Aerobics Class 5.30pm Advanced Step level IV. SG. Wine Tasting Soc 6pm	Roller Blade Soc 12.15pm Meet at SL for hockey. Motorcycle club 12.45pm weekly meeting. SL. Micro Club Ipm Meeting. Top floor, Union. Aerobics Class 1.15pm Beg/inter level II. SG Hoverclub 1.30pm Old Chemistry Ten Pin Bowling 2.15pm Meet outside Aero Eng. Jazz Dance 3.30-5pm Beginner. Southside Gym. Aerobics Class Spm Step level III. SG.	Aerobics Class 12.30pm Legs, tums & bums. SG Conservative Soc 1pm Meeting, SL. Gliding Club 1pm Meeting, Aero 266. Jazz Dance 5-6.30pm Union Dining Hall. Aerobics Class 5.30pm Intermid level 3. SG. IC Cheir 6.15-8pm Rehearsal. 342 MEng IC Jazz Big Band 7pm Rehearsals. SCR Union. Dance Club 7pm Autum beginners. JCR. ULU Lesbian & Gay Soc 7.30pm Rm 3C, ULU, Maler St, WC1. 0177 580 9551	Labour Club 12.30pm SL upper Islamic Society 1pm Friday Prayers SG ICU Rag 1.10pm Rag Meeting. EL Aerobics Class 5.30pm Advanced Step level IV. SG. Free Minibus Service 11.30pm-2am from the Union.	Careers Office Rm 310 Sherfield, Open 10om-5.15pm, Mon - Fri Missed the Milkround? Don't panic. Careers after is contacting employers Contact careers after finals Penultimate years- Sort your life out now - try the new computer in careers. NEBOSH certificates S free post grad places for the summer, 26/6/05 - 7/7 /95 plus revision days. Contact Safety Unit, 14 Princes Gardens ext 49423. SMALL ADS
F	M EDIA	Father Brown 2.20pm C4. Robert Hamer's pro- duction of G.K Chesterton's classic. Stars a young Alec Guinness. Rab C. Nesbitt 9pm BBC2. Glascow art. John Peel 10pm R1. Including sessions from Calvin's Party.	The Pick of Punt & Dennis 10,10pm BBC1. The weaker half of Mary Whitehouse in fairly amusing sketches. Stanza On Stage 10,15pm R4. With Roger McGough (Felix Passim) and Alan Clarke. Low effort culture!	Mean Streets 9.55pm C4. Martin Scorses classic Italian hoodlum film. Do not miss this one. That's my advice, anyway. Ignore it if you like - I endeavour only to inform not instruct. In truth, I prefer not to watch telewision at all, but if you choose to do so this is one of the best times to turn on. Probably. There.	The Golden Demon 9pm R3. The life of the shunned Adolf Sox. The Net 8pm BBC2 Interesting internet investi- gation. Film 95 11.35pm BBC1. He's dull, he's opin- ionated, but he's usually right.	The Compath Winfrey Show Spm C4 "Are men & women on different planets?" hmm. The Ren & Stimpy Show 7.10pm. BBC2. The Cook Report 8.30pm. IV. The Politician's Wife 10pm. C4. The highly acclaimed new series.	Cricket One Day Ints 10.45pm. R4 LW. England vs West Indies. (some hope) Indiana Jones & the Temple of Doom 7pm BBC1. Bored? Dave Letterman in London 11.15pm BBC2. Irony free lovable mug presents thin talk show with Yan Morrison.	Paul Merton's Life of Comedy 8.30pm BBC1. The Critic 9pm Bravo. Clever satirical cartoon, excellent by all accounts.	Drop The Dead Donkey 10.30pm. C4. Weekending 11pm R4. News satire of vari- able quality.	We could really do with a new (to us) tope player that rotates at somewhere near the correct speed here at FELIX. Please help! Speakers not needed. Fleadh Festival Programme sellers wanted. Make money and get into the festival by selling programmes on 10 June. Contact Mark Home in the Union Office ASAFP.
	film	ICU Cinema prices are £2 or £1 for Film Card holders or £3 for non ICU card holders. Salad + Flinch	Pret-A-Parter 8pm The Rocky Harror Picture Show 11pm Both at ICU Cinema. Gun	Quiz Show ICU Cinema. Bpm ICU Cinema. Terrorvision + EMF + Joyrider	Animals that swim + Dogger	Massive Attack Sound System vs. Mad Professor + Talvin Singh	Killing Zoe 8pm ICU Cinema.		Drizobone	On Stephen Fny's C.V "On one side he listed all his successful TV roles to date, and on the other it said 1st and had a pic- ture, of the queen."
E	MUSIC	LA2 tube; Tottenham Ct. Rd. 0171 434 0403 doors; 7 p.m. tickets; £6.50	Shepherd's Bush Empire tube; Shepherd's Bush 01817407474 doors; 7 p.m. tickets; £8.50	Brixton Academy tube; Brixton 0171 924 9999 doors; 7 p.m. tickets; £9.50	Dublin Castle tube; Comden Town 0171 485 1773 doors; 8.30 p.m. tickets; £3.50	Le Polois tube; Hommersmith 0181 748 2812 doors; 7 p.m. tickets; £12.50	Do some revision!	Do some revision again	The Forum tube; Kentish Town 0171 284 2200 doors; 7.30 p.m. tickets; £10	Radio 4's Labour Exchange
IN O I UI	VISUAL ARTS CLARANC	Boys on the Side MGM Fulham Road 0171 370 2638 S. Ken tube and then bus 1.0, 4.00, 6.50, 9.30 tickels; E6, Mon-Fri before 6pm and students E3.50 Landscapes of France Hayward Gallery, South Bank, SE1, 0171 261 0127 until 28 August. E5, E3.50 concs. A celebration of French impressionism with an fine group of artists - Monet, Renoir, Pissaro, Sisley, Ceranne and more. Mostly features beautiful country scenes, as the name suggests, but				Circle of Friends Odeon Kensington 01426 914666 tube; Kensington High St 2.15, 4.45, 7.15, 9.45 tickets; £6, £6.50, before Spm £3.50 Art Unlimited Royal Festival Hall, South Bank, SE1. 0171 921 8800 Until 11 June. Mass produced art - from 2 to infinity, from desk top toys to arson kits it's ail here. Rachel Whiteread has commem- orated sculpture with sculp-ture by casting brass door handles in self gratifying honour of her concrete ex-house.		Clerks MGM Fulham Road 0171 370 2636 S. Ken tube and then bus 1 10, 3.20, 5.30, 7.40 tickets; Eó, Mon-Fri before ópm and students £3.50 Guillerme Kultce Whitechapel, Whitechapel High St. Aldgate, E1. 0171 522 7888. Free. Imagine my satisfaction when I discovered that my review of Self Storage (two weeks ago, in this very space) inspired a collegue to venture to the cold, frightening Wembley ware- house and see it. Kulta is another artist worth a visit, an Argentinian war-influe	Richard Avendon National Portrait Gallery St. Martin's Place (off Off algar Square) WC2 OT1 306 0055 Free. Avendon's photography can be described as no less than cruel. Faces are totally harsh, fierce creas- es, blotches, glances of insanity rule the images. No where to hide, the portraits are caricatures of weakness, fault, fear.	Used bonds sched in the 1985 film Withnail & I f Could they possibly be related ? Usedk Hudibrastic Meaning: Mock heroic in style. Example: "Come on, I'm not getting any emotion here!" exclaimed Sandy's drama teacher. Sandy began to suspect that the role of Beowulf was a little too hudibrastic, even for his school play talent and doctors & nurses experience.
014	FELIX	ISWAV95	KINGS £12.50 Sonny R Pavement + di	ollins Barbican 3 June £25, US Brixton Academy 9 June	10 Dodgy Forum 9 June £8 £9 Fleadh 95 tons of band	B Michelle Shocked Mean F Is Finsbury Park 10 June £27 Sparks + Dodgy Mile End	iddler 9 June £10 50 Freak Power Astoria	FELIX		or and on behalf of Imperial n SW7 2BB (Tel: 0171 594 8

IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE

HUMANITIES PROGRAMME



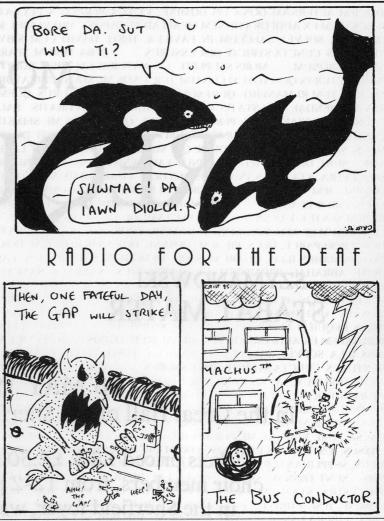


WEDNESDAY, 24 MAY 1995

1200 - 1400

ROOMS 313A and 313B MECHANICAL ENGINEERING BUILDING

An opportunity to talk to the Humanities and Languages Teachers about the options available to you next year. Options include Philosophy; Philosophy of Science; European History 1870 - 1970; Politics; History of Science; History of Technology; Modern Literature and Drama; Communication of Scientific Ideas: Practical; History of Medicine; French; German; Italian; Spanish; Russian; and Japanese. Detailed course notes will be available for inspection to help students decide.



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Sport



This week on weird sports: Ultimate Frisbee, which is a game played with a Frisbee (surprise suprise). For those of

you who do not know what a Frisbee is, it is a circular chunk of plastie which curls around slightly at the edges. You can throw it and it tends to go a long way (even further when heading in an unexpected and incorrect direction). It was invented in 1969 when the first game was

played between the student newspaper staff and the student council at Columbia High School,

USA (the newspaper staff won!).

There aren't many rules, but here they are:

- 1. *The Field* A rectangular shape with endzones at each end. A regulation field is 70 yards by 40 yards, with endzones 25 yards deep.
- 2. Initiate Play Each point begins with both teams lining up on the front of their respective endzone line. The defence throws ("pulls") the disc to the offense. A regulation game has seven players per team.
- 3. Scoring Each time the offense completes a pass in the defence's endzone, the offense scores a point. Play is initiated after each score.
- 4. Movement of the Disc The disc may be advanced in any direction by completing a pass to a team-mate. Players may not run with the disc. The person with the disc ("thrower") has ten seconds to throw the

Crossword Answers

Once more I must bow my head in shame, for last week's crossword was, as you might have noticed, incomplete. I know not who was responsible, for all the clues were there when I put the crossword in.... The clues to 24D and 27D should have read "Wear French fancy-dress to dance (6)" and "A fat fish? (5)" respectively.

disc. The defender guarding the thrower ("marker") counts out the stall count.

 Change of possession – When a pass in not completed (e.g. out of bounds, drop, block, interception), the defence immediately takes possession of the disc and becomes the offense.

6. Substitutions – Players not in the game may replace players in the game after a score and during an injury timeout.

 Non-contact – No physical contact is allowed between players. Picks and screens are also prohibited. A foul occurs when contact is made.

8. Fouls – When a player initiates contact on another player a foul occurs. When a foul disrupts possession, the play resumes as if the

possession was retained. If the player committing the foul disagrees with the foul call, the play is redone.

9. Self-Reference – Players are responsible for their own foul and line calls. Players resolve their own disputes.

 Spint of the Game – Ultimate stresses sportsmanship and fair play. Competitive play is encouraged, but never at the expense of respect between players, adherence to the rules, and the basic joy of play.
 Rules supplied by Steve Courlang, UPA Juniors Director
 Ultimate Players Association, 1993.

27.Chub.

Solution to last week's **Crossword: Across:** 1. Auspice, 9. Casanova, 10. Bony, 11. Splash-down, 12. Kelpie, 13. Condiments, 17. Bearer, 18. Act up, 21. Averse, 22. Battlement, 25. Induct, 26. Lacklustre, 28. Boor, 29. Nauseous, 30. Demeter. **Down:** 2. Unopened, 3. Pay up tront, 4. Consecrate, 5. Tabard, 6. Mayhem, 7. Pogo, 8. Garnish, 14. Witre, tront, 4. Consecrate, 5. Tabard, 6. Mayhem, 7. Pogo, 8. Garnish, 14. Witre, 15. Impatience, 16. Expendable, 19. Isochore, 20. Abalone, 23. Lilies, 24. Masque, 15. Impatience, 16. Expendable, 19. Isochore, 20. Abalone, 23. Lilies, 24. Masque,

REQUIEM AETERNAM DONA EIS DOMINE. ET LUX PERPETUA LUCEAT EIS TE DECET HYMNUS IN SION ET TIBI REDETUR VOTUM IN JERUSALEM EX AUDI ORATIONEM MEAM AD TE OMNIS CARO VENIET KYRIE ELEISON CHRISTE ELEISON KYRIE ELEISON DIES IRAL DIES ILLA SOLVEF SAECLUM IN FAVILLA. TESTE DAVID CUM SIBYLLA. QUANTUS TREMOREST FUTURUS QUANDO JUDEX EST TUBA MIRUM SPARGENS SONUM PER SEPULCHRA REGIONEM COGET OMNES VENTURUS CUNCTA STRICTE DISCUSSURUS. MORS STUPEBTE LT NATURACUM REFURGET REATURE TODICANTI RESPONSURA. TOTUM CONTINUUR, UNDE MUNDUS VIII VATOR JULE VINGO CUM SEDEBIT QUIDQUI ANTE THRONUM. LIBER SCRIPTUS PROFERETUR IN QUO TOTUM CONTINETUR, UNDE MUNDUS UTILICATOR NIL INULTUM REMANEBIL, QUID SUM MISER - FÜNC - DICTURUS, QUEM SEDEBIT QUIDQUED LATET APPAREBIT. ROGATURUS, CUM VIX JUSTUS SIT SECURUS? ATRONUM REX TREMENDAE MAJESTATIS, QUI SALVANDOS SALVAS GRATIS. SALVE ME FONS PIETATIS, RECORDARE, JESU, PIE, QUOD, SUM CAUSA TUAE VIAE, NE ME PERDAS ILLA DIE, QUARERENS ME SEDISTILASSUS, REDEMISTI CRUCEM PASSUS, TANTUS LABOR NON SIT CULPARUBET VULTUS DEDISTI, PRECES MEAE CASSUS, JUSTE JUDEX ULTION AM REU JE SPH MEUS. SUPPLICANTI PARCE. D RUNI NE PERF SUNT DIGNAF, SED TU REMI-R TA, ET AB HAEDIS MI NON SEQUESTRA, STATUENS IN PAR ALIS MA MF CUM BENEDIC LIS II 1111 DOMINE JESU CHRISTI DELIU SIGH LACC: LIBERA FAS DE 1101 120 REPRAESENTED EAS IN TECHNENANCIAM. QUAM OF TAE PROMISISTEET SEMINEEUS ORO SUPPLES ET ACCLINIS, COR MOSA DIES ILLA QUA RESURGET EX FAVILLA JUDICANDUS HOMO REUS. CONTRITUM QUASICINIS, GERE CURAM MELLINIS. LACRI HUIC ERGO PARCE, DEUS, PIEJUSU DOMINE, DONA EIS REQUIEM, HOSTIAS ET PRECES, TIBL DOMINE, LAUDIS OFFERIMUS; TU SUSCIPIE PRO ANIMABUS ILLIS, QUARUM HODIE MEMORIAM FACTMUS FAC EAS. DOMINE. DE MORTE TRANS IRI SANCIUS, SANCTUS ROUG AMSOLLET OLIM ABRAILSZYMANOWSKI TUS STABAT MATER AMEN REQUIEM AFTER A LUCEATEIS TEDECI ARO VENIET KYRIE ELEISON CHRISTE ELEISON. KYRIE ELEISON JERUSALEM EX AUDI ORA FIONEM MEAM AD THOMNIS DIES IRAI DIES ILLA SOLVET SAECTUM IN LAVIEUA, TESTE DAVID CEM SIBYLLA, QUANTUS TREMOREST FUTURUS, QUANDO IUDEX IST VENTURUS CUNCTA STRICTE DISCUSSURUS. TUBA MIRUM SPARGENS SONUM PER SEPULCHRA REGIONEM COGET OMNES ANTE THRONUM. MORS SHEE BULLET NATUR 261 MARY 1995 RATE PROFESSION ALD RESPONSE A LIBER SCRIPTUS PROFERETURIN QUO TOUS ADDIVINED R. UND 26 MARY 1995 RATE PROFESSION DEBIT. QUODO DE LA ULI APPAREBU COGET OMNES SCRIPTUS NEW REAL AND THE Great Hall of the Sherfield Building, Imperial College CAUSA TUAE VIAE, SE MIL PERDAS IELA DIE, QU CASSUS, JUSTE JUDEX OF HONES DONUMEAC REMISSIONS AND DIEM RAHONIS, INGEMISCO TAMQUAM-REUS, CUE PARUBEL VULTUS MECS, SUPPLICANTE DA TICKETS priced £5. & £2.50 (students) rarenavailable from. precis meat NON SUNT DIGNAL choir members, from 1272 pm on the 25th and 26th May BENEDICTS in the Sherfield foyer, walkway level or on the door. He DE PROFENDE DOMINE JESU CHRIST LACU: LIBERA EAS DI REPRAESENTET EAS IN LUCEM SANCTAM, QUAM OLIM ABRAHAE PROMISISTI ET SEMINI EIUS ORO SUPPLEX ET ACCLINIS, COR