



Workmen are water-blasting bricks at East Campus in preparation for pointing as part of the summer-long East Campus renovation project.

Tech photo by Simson L. Garfinkel

News Analysis

Mondale position tenuous

By Robert E. Malchman

SAN FRANCISCO — Walter Mondale's selection of Rep. Geraldine Ferraro of New York for the vice presidential nomination and his abortive attempt to install Bert Lance as chairman of the Democratic National Committee dominate the thoughts of politicians and journalists at the party's convention.

Ferraro's selection was hailed throughout the party as a bold step by the normally cautious former vice president. Pundits, however, see the choice as a risky maneuver by Mondale, who was down by 19 percentage points to President Ronald Reagan in the latest Gallup poll.

The Democrats hope Ferraro will attract non-voting and unregistered women to the ticket and the party. The strategy should work best with liberal women, but that group was already expected to be strongly pro-Mondale.

Ferraro, from a conservative district in New York City, will challenge the Republicans' domination of the themes of family unity and a strong military.

Mondale, by picking a woman, hopes to seize the issue of the future of America that Sen. Gary W. Hart (D-Colo.) used effectively against the former vice president in the primary campaign. Identification with the future would aid Mondale in overcoming his lackluster image.

The congresswoman should also help the ticket in New York

and other Rust Belt states, and among Italian-American, Roman Catholic and blue collar voters.

Mondale's selection may hurt the ticket in other crucial areas, though. The former vice president trails Reagan badly among white male voters. Ferraro could push more of them, especially conservatives, toward the president.

Worries about the south

Mondale, by not choosing a Southerner like Sen. Lloyd Bentsen (D-Texas) or Sen. Dale Bumpers (D-Ark.), Mondale risks giving the region to the president. Reagan won every southern state except Georgia in 1980. Mondale must change that outcome if he is to have any chance to win the

election.

Mondale planned to appoint Lance, the controversial Georgia State Democratic chairman, to be the chairman of the National Committee to quell possible dissent in the South.

Lance has become a major figure in southern Democratic politics and has a good relationship with the Rev. Jesse L. Jackson, who is a unifying and motivating force among black Americans.

Opposition mounted as rumors of the plan spread. Lance had been forced to resign as former President Jimmy Carter's budget director after allegations were made of improprieties among Lance's business deals. A jury ac-

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MIT applies for exemption from state right-to-know law

By Diana ben-Aaron

MIT will apply for research laboratory exemption to the Massachusetts right-to-know law, which details rights of employees who work with hazardous or toxic substances, Safety Office director John M. Fresina said yesterday. The exemption will affect Lincoln Laboratories, Bates Linear Accelerator, Haystack Observatory, and similar MIT outposts as well as the Cambridge campus, Fresina noted.

The right-to-know law is aimed at companies that carry out routine testing and production using relatively few chemicals, and "haven't done anything about safety yet," Fresina said.

The state currently lists 1700 common hazardous chemicals subject to the law, but MIT uses four or five thousand different chemicals, Fresina said.

Fresina said the exemption is necessary "to avoid directing our resources toward a great deal of unnecessary paperwork that takes the focus off safety." He estimated the paperwork involved would initially fill 54 four-drawer file cabinets.

The right-to-know law would require that safety data sheets for every chemical used at the Insti-

tute be filed at MIT and with city and state officials and maintained for thirty years after the Institute stops using the chemical, Fresina explained.

MIT has no Institute-wide safety training or maintenance policy, Fresina said. "We rely a great deal on supervisors, and we think it works well," he commented. "It's not MIT style to mandate things like that. We like to elicit cooperation from the departments. Sometimes you get better success that way than if you beat them over the head," Fresina added.

"Some departments and labs, for instance, Chemical Engineering, Biology, and Cancer Research make it a policy to teach new student and professional lab workers about safety before they enter a new lab," Fresina noted. "They have to sign a document saying they have been 'indoctrinated' before being issued keys, and another certifying they have left a 'clean lab' before they can leave or get degrees," he continued.

Fresina stressed that the research laboratory exemption releases MIT only from the paperwork. "It will not exempt MIT from the responsibility to trans-

Roach Motels to return to dorms

By Thomas J. Legg

The Department of Housing and Food Services will use roach motels as a device for monitoring cockroach distribution in the dormitories, Assistant Operations Manager for Housing John Rutledge said.

Earlier this summer, the department had discontinued its practice of distributing free roach motels at desks of undergraduate houses because of their apparent ineffectiveness in controlling the roach population, he added.

The decision was reversed last Wednesday at a house managers' meeting, Rutledge explained. The Housing Department has ordered fifty cases of roach motels to arrive tomorrow, he said. Roach motels left in storage are being distributed to East Campus residents, who must sign them out at their house desk as part of a program to monitor the distribution of roaches in dormitories, Rutledge noted.

Though the roach motels are being brought back only as a monitoring device, Lucile White, house manager at Senior House, said she applauded the action as a goodwill gesture toward students. Director of Housing and Food Services Gene Brammer commented, "Even if they do not make a dent in the real number of cockroaches, at least they provide some psychological satisfaction for the students."

Student complaints about roaches are frequent. One student said the insects ate through the skin of vegetables on her shelves. Another said roaches had infested his refrigerator.

"MIT actually has a very aggressive policy towards the eradication of roaches," said George Hosker, house manager of Next House. MIT is plagued by both German and American cockroaches, Rutledge noted. "The

cockroaches are not going to go away. One summer we had Baker House empty of roaches. By October the roach problem was as bad as it had ever been." Brammer said.

Rutledge said MIT has a contract with Waltham Chemical for pest control. Presently Waltham Chemical sprays the dormitories every other week with a water-based pesticide, alternating every six weeks between Duraspan and Diazinon to ensure that the roaches do not develop an immunity to one of the poisons, Rutledge explained. The Housing Office has been routinely "fogging" dining areas not in use during the summer with pesticides, he added.

The Housing Office has recently been experimenting with boric acid, Rutledge said. Last summer all the suites in Burton House were dusted with boric acid, which proved "very effective" in the short term, Rutledge noted. The real effectiveness will be seen when the Housing Office goes back to inspect Burton House one year later, he said. Boric acid will be used throughout the dormitory system later this summer in an effort to curb the expansion by the roaches into new areas, Rutledge said.

Other maintenance and renovation work is being performed in Institute houses over the summer. "Most of the work has to be done between the week following Alumni Week and the week preceding Residence/Orientation Week," Brammer said. "As for renovation of the dorms," he suggested, "you could graduate quickly, earn a few million dollars, and donate a million to housing."

Housing Maintenance Manager Gus Perry said that financial and time constraints led to the hiring of contractors with competitive hourly rates. George Hosker explained that the house managers presently can ask for a specific contractor, but actually they have no real say in the hiring of contractors.

Lucile White suggested that the individual house managers be given more responsibility for the supervision of maintenance being done in their own dorms. She said students sometimes blamed her for mistakes and she would like more say in the process to aid her rapport with the students.

"If a student has a complaint about some contractor's perfor-

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inside

Supreme Court upholds the Solomon Amendment. Page 2.

Project for Student Summer Theater wins raves for one-acts. Page 6.

Music from King Crimson to Tanglewood. Page 7.

Asit Sarkar

Asit Sarkar, a graduate student in physics from Calcutta, India, died June 21. He was a resident of Tang Hall.

Sarkar was a founding editor of two periodicals for graduate students. One, *Octavian*, was a journal of student research in physics; the second, *the graduate*, was a general-interest magazine read by graduates and undergraduates from all departments. In 1983, Sarkar accepted a William L. Stewart Award for *the graduate's* outstanding contribution to extracurricular life at MIT.

A memorial service for Sarkar was held June 25. He is survived by his mother, Santosh Kumar Sarkar, of Calcutta.

(Please turn to page 2)

Dorms improved by renovations

(Continued from page 1)

mance, he should go to his house manager," Perry said. The manager notifies Perry, who is responsible for inspecting the work or assigning his assistant Roger Wallin to do so, he said. "There are around 60 projects during the summer and Roger and I cannot be on the spot at each site all the time," he commented.

Brammer is currently working with the students and house managers at Next House and Senior House on student-initiated client team projects. A motorcycle cage has been installed at Senior House, and the acoustics in the Next House music room are being improved.

Brammer said most well thought-out student plans can be accommodated by the Housing Office. Students may submit suggestions for dorm improvements to their house managers, who will pass them on to the Housing Office, they said.

"The only restrictions on a student project is if it physically cannot be done, cannot be afforded, or cannot change the structure of the building to accommodate it. If it cannot be done we always give a reason, though sometimes the students just hear us say 'no' without hearing the reasons," Brammer said.

Right-to-know law to affect Institute

(Continued from page 1)

Chamberlin concurred with Masse, saying "The new law doesn't change the operation of this office."

The exemption will apply only to laboratory employees, but not to workers in libraries, Dining Service, Housing, Physical Plant, Graphic Arts, and other non-laboratory settings, Fresina noted.

"For non-lab employees, we will comply to the letter of the law, [including maintaining the files]," Fresina said. "You would be surprised how many chemicals even the library workers use, right down to white-out, and we are going to get the information on all of them," he added.

MIT will be asking all of the 20,000 vendors it does business with to send the Safety Office the safety data sheets required by right-to-know laws, Fresina said. The data sheets will be filed in the Safety Office for reference by lab workers, he added.

Because many states have right-to-know laws and the feder-

al Occupational Safety and Health Administration (OSHA) plans to enact similar regulations over the next year, manufacturers have begun to routinely issue the sheets, he observed. "I have a stack of data sheets 3'-6" inches high and I haven't even begun asking for them," he pointed out.

The Safety Office is responsible for flammables, explosives, electrical systems, mechanical systems, and non-health safety aspects, Fresina explained. It is also charged with the responsibility of removing chemical wastes, he noted, adding that safety officer will not remove unidentified compounds because of the dangers involved. "If no one knows what a chemical is, it has to be analyzed before we will touch it," he said, stressing the need to leave laboratories clean and well-labeled.

After the wastes leave MIT, most are landfilled or disposed of by the federal government, Fresina added.

Draft amendment upheld

By Amy Gorin

The Supreme Court has ruled the Solomon Amendment not in violation of constitutional rights. The amendment makes federal financial aid dependent on draft registration.

The amendment requires male students to affirm they have registered before applying for aid. A lower court had previously overturned the law, ruling it unconstitutional because it allowed Congress to determine a student's guilt and punishment without a trial, and because it violated the Fifth Amendment, which guarantees protection against forced self-incrimination.

Supreme Court Chief Justice Warren E. Burger said the amendment was not unconstitutional because students are not required to apply for federal aid, and are therefore not required to incriminate themselves if they haven't registered. Burger opined that the law "furthers a fair allocation of scarce federal resources by limiting... aid to those who are willing to meet their responsibilities to the United States by registering with the selective service."

Amicus curiae briefs opposing the Solomon Amendment were filed with the Supreme Court by the University of Minnesota and Swarthmore College. MIT President Paul Gray declined to submit a brief, explaining at the time that "the brief filed by Minnesota

was comprehensive... any brief MIT filed could not have improved upon the legal arguments."

Groups opposing the amendment will now lobby Congress to repeal the law. Gray has said he will "use whatever influence I might have with the Massachusetts delegation." He does not believe, however, that Congress will repeal the amendment.

The Solomon Amendment, named for Representative Gerald B. H. Solomon (R-N.Y.), was passed by Congress in the summer of 1982 and slated to take effect in July 1983. In January of 1983 several colleges, including Yale University, announced they would provide assistance to non-registrants.

At a meeting of the MIT faculty on February 16, 1983, Gray said "The Institute's position should be to make available loan resources... sufficient to cover" federal aid lost by students who did not register.

In an interview in the July 26 issue of *The Tech*, Gray said the Institute would help students find commercial loan sources, but did not announce any plans for the Institute to meet the "demonstrated need" of those losing federal aid.

At the time, Gray told a group of students it was against MIT's policy to replace federal aid lost by non-registrants.

Last spring, a group of stu-

Announcements

Summer residents: You can still sign up to help with R/O Week! Pick up a form at the UASO, room 7-106, or call Kathy Chamberlain at 253-6786. Openings are still available in all phases of R/O Week, including R/O Center, Clearinghouse, Daily Confusion, Elsewhere, Pre-picnic Discussion Groups, and Thursday Dinners. Help us greet the Class of 1988.

Beth Israel Hospital is conducting research in treatments for herpes infections. If you are over the age of 18 and suffer recurrent herpes infections, call 735-4103 to take part in the free study.

Democrats oppose Lance

(Continued from page 1)

quitted Lance of fraud in connection with the deals.

Democrats also opposed the manner by which Mondale sought to replace current committee Chairman Charles T. Manatt. Many felt the plan was a needless embarrassment of Manatt, a Californian who revels in the attention his state is giving him and his party.

The former vice president backed down in response to the opposition, instead picking Lance to chair Mondale's fall campaign. Lance should still help in the South in that role. His biggest task will be to form a coalition between southern machine Democrats and Jackson supporters to offset Reagan's strength.

Asked whether he would reconsider the Lance appointment in the wake of continued criticism, Mondale said at a press conference yesterday, "What you see is what you get."

Manatt will remain as titular party chairman, but responsible only for fundraising. Michael Berman, a senior Mondale aide, will become the party's political director and will supervise its daily operations.

gents established a scholarship fund to try to provide funding to non-registrants through private donations.

Several MIT students who did not register for the draft have left the Institute because of the loss of aid. Nelson Graff '86 decided to leave the Institute in August, 1983, before the Supreme court decision. "I made plans to attend college elsewhere because I did not expect the amendment not to be upheld," Graff said.

Graff wrote two letters to President Gray. In the first he explained his decision to leave. Gray's reply indicated his disagreement with Graff's decision, and explained the Institute's position. According to Graff, "in that letter he stated specifically that if the amendment went to court the Institute would feel compelled to file [an *amicus curiae*] brief."

Graff's second letter asked Gray why he would not file an *amicus curiae* brief, and expressed the opinion Congress would not repeal the Solomon Amendment should the Supreme Court uphold it. Gray's reply explained the Institute's reasons for not filing a brief and said the Institute would fight the amendment in Congress, but agreed that Congress was not likely to repeal it.

Graff says he will be attending the University of Massachusetts at Boston in September, without aid.

notices

The National Endowment for the Humanities has announced a unique grants program for individuals under 21 to spend a summer carrying out their own non-credit humanities research projects. The Younger Scholars Program will award up to 100 grants nationally. Award recipients will be expected to work full-time for nine weeks during the summer of 1985, researching and writing a humanities paper under the close supervision of a humanities scholar. The application deadline is Sept. 15, 1984. For guidelines, write to Younger Scholars Guidelines CN, Rm. 426, The National Endowment for the Humanities, Washington, D.C. 20506

Travel Trivia

Where was Einstein when he first considered the Theory of Relativity?

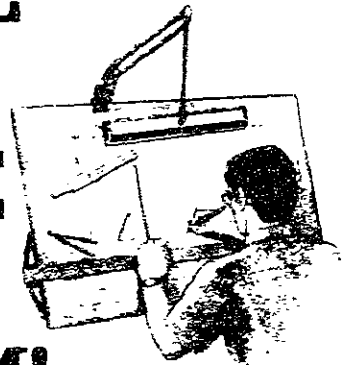
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news roundup

World

Soviet government launches all-out effort against Sakharov — Specialist on Soviet abuse of psychiatry Peter Reddaway said yesterday recent reports indicate the Soviet government had ordered the use of drugs and possibly hypnosis in an effort to make physicist Andrei Sakharov deny his dissident views. Sakharov's stepdaughter said last week that she had received information that he was being held at Gorky Hospital and was receiving injections of mind-altering drugs.

Drought strikes Kenya — The long rains, a deluge usually lasting from March through May, did not come this year to a now-barren Kenya. The Kenyan government has asked foreign governments to help pay over \$250 million in corn and other cereals to combat growing hunger and panic among Kenyans.

Poland cracks down on dissidents — The Polish government announced it will try a priest and a dissident lawyer on charges of antistate activities. Four prominent dissidents have already gone on trial for supposedly trying to overthrow the state by force. Furthermore, the official newspaper said that Maciej Bednarkiewicz, a lawyer who has defended Solidarity activists, will be tried on charges of procuring classified police information and helping a riot policeman desert his unit.

New Zealand to ban atomic ships — Prime Minister-elect of New Zealand David Lange said Monday that his party has pledged to ban all nuclear-armed and nuclear-powered ships in his country's waters. American officials say that this could disrupt the 33 year-old ANZUS Pact among the Australia, New Zealand, and the US which commits all three nations to "meet the common danger." Lange said that despite US displeasure with his announcement, he has no intention of backing down from his commitment.

French celebrate Bastille Day — Marking the 195th anniversary of the French Revolution, thousands of French citizens crowded the Champs Elysées to cheer the traditional military parade. Included in the parade were the first tanks that rolled into Paris after the June 6 Allied landing at Normandy in 1944.

Nation

Space shuttle Discovery flight rescheduled — Discovery was rolled from its launchpad back to the vehicle assembly site at Kennedy Space Center Saturday. The shuttle's maiden voyage has been rescheduled for August 24. Discovery will carry the combined payloads that would have gone up in its first two launches, in order to avoid further delays in the shuttle schedule.

White House revises stand on abortion — White House staffers gave final approval Monday to a policy statement that denies family planning money to governments and organizations that support abortion. Organizations like the United Nations Fund for Population Activities will continue to get funding from the United States only if they can provide "concrete evidence" that they do not underwrite abortion.

United States-Soviet hotline to be modernized — A new agreement to be signed in the next few days calls for modernization in a hotline for crisis communications between the two governments. At the Soviets' request, it will not be portrayed as a breakthrough in relations. Also in the works are new agreements on visa rules and exit and entry points and the resumption of a ten-year umbrella accord on economic cooperation.

Rescheduling could ease flight delays — Air traffic specialists recently decided that rescheduling of flights at the nation's busiest airports by the Federal Aviation Administration could significantly reduce airport delays and crowding. The number of delays in the first half of 1984 was up 73% over the number in the first half of last year.

Mondale names Lance general manager of fall campaign — Democratic nomination frontrunner Walter F. Mondale named Bert Lance, former President Jimmy Carter's budget director, general manager of his fall campaign, shortly after his announcement of US Representative Geraldine A. Ferraro (D-N.Y.) as his vice presidential runningmate. Lance was originally named Democratic national chairman, but Mondale backed down from ousting Californian William Manatt from that position after an outcry by party leaders.

Teenager murders town's police force — Benny Ray Hatley, 16, was arrested on Saturday morning for the murder of the entire police force of Cotton Plant, Arkansas. The police were escorting Hartley to their police car to be questioned about a stolen motorcycle when Hatley got hold of one of the officer's revolvers and started firing. Patrolman Roy Leon was pronounced dead on the scene, and Chief Leonard E. Cross died at a nearby hospital.

Moxie celebrates 100th birthday — The nation's oldest soft drink, once a bigger seller than Coca-Cola, has reached its 100th year. Once touted as a cure for everything from impotence to imbecility, Moxie was invented a century ago by Augustin Thompson of Union, Maine.

Local

Massachusetts is the big Megabucks winner — Marcia Sanford of Westfield has won \$15.6 million is the biggest win ever in North American lottery history. She will receive \$780,994 per year for the next 20 years. But the Commonwealth of Massachusetts and the City of Boston are the big winners. City officials projects that \$150 million in lottery revenues will be collected this year, one dollar at a time.

Non-smoking sections mandated by Cambridge city ordinance — Restaurants in Cambridge are now required to set aside at least 25 percent of their space for non-smokers. Cambridge was the eleventh Massachusetts municipality to enact such legislation, and the sixth this year.

Former student torches school — A 16-year old former student of West Memorial School of Peabody set 8 fires throughout the elementary school Sunday morning, causing approximately \$100,000 in damage. Total disaster was averted when firemen from Peabody, Salem, and Middleton responded to the blaze, extinguishing it in less than two hours. When a patrolman reached the scene of the fire, he found a teenager who told him the school was on fire. After an hour of questioning the boy admitted to setting the fires.

Two die in medical helicopter crash — The pilot and doctor aboard an ambulance helicopter died when the helicopter went down on Saturday night on the way to the Massachusetts Medical Center. The crash was due to a power failure that killed both engines. The patient on board was strapped down to a stretcher on the floor of the helicopter and survived the crash. The flight nurse also escaped with broken bones and lacerations.

Campus

MIT student finds Proposition 2½ guilty — A study by Mary M. Lynch, a graduate student in the Department of Urban Studies and Planning, showed Proposition 2½ indirectly results in decreased services to the the poor of Massachusetts. "Many cities with the lowest income groups have been forced to make the largest budget cuts [when state funds were reallocated to comply with the proposition]," Lynch said, noting that the cuts affected service programs and transfers at state and local levels.

Bicyclist killed in campus collision — John Gairachty, a 17-year-old Cambridge resident, died of multiple injuries last Wednesday night after his bicycle collided with a truck at the corner of Massachusetts Avenue and Vassar Street. The truck driver, Dennis Donahue of Somerville, faces a hearing on possible criminal charges.

Weather

Tomorrow: Sunny, Wednesday: Rain — Tuesday will be sunny, 87-91. The rains will return on Wednesday, with temperatures from 72-81.

Scott I. Chase, V. Michael Bove,
Andrew S. Gerber and Diana ben-Aaron

VOLUNTEERS

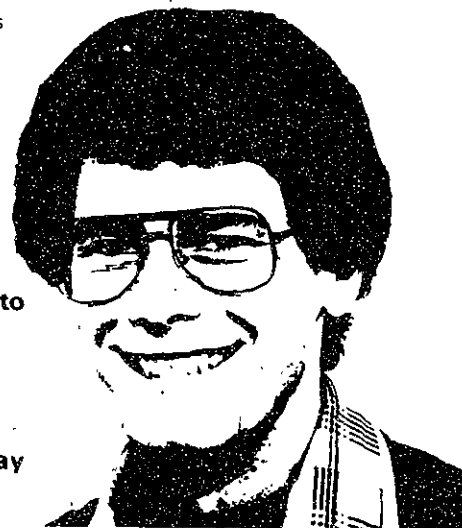
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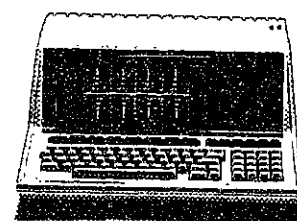
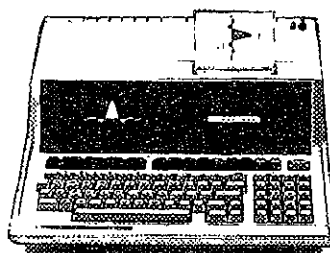
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opinion



Column/Eric A. Sohn

The Open Road to Santiago

Ah, the lure of the open road... if it's Tuesday, this must be Belgium... getting an extension folder for your passport... friendly folk in exotic foreign lands. Yeah, sure.

When I was offered my current position, I was told "You'll get to travel a bit if you take this job." I really didn't care all that much about travel because I happen to like being around my hometown area. How bad could travel be, I wondered. I couldn't be on the road forever, right?

Wrong. This series of columns will highlight six months of globe-hopping, detailing the joys of travel, while leaving out the boring details of my trips.

My initial trip was postponed about six months because our project went way over schedule (don't all software jobs?). Finally, my passport and I were on our way to that garden spot of South America, Santiago, Chile.

It was late spring when we touched down at Santiago, which meant that midday temperatures were about eighty degrees Fahrenheit. My business associate and close friend George had to rely on my shaky Spanish to get us through the airport and customs, since he had done the *chic* thing in high school and studied French. Luckily for him, the officers in immigration and customs

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The Tech

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Column/Jonathan Richmond

Never on Monday in Brazil

You are hereby warned not to rent cars from attractive women in Belo Horizonte.

A misty and mysterious landscape came to life as the train neared Belo Horizonte in Brazil's Minas Gerais region; primitive farming outside, the cosiness of a well-provided first-class sleeper inside.

The plan was to go to Ouro Preto, a remarkable colonial mining center a bus ride away from Belo Horizonte. Arrived in Belo, a short walk led to the *Rodioviaria* (bus station) and only a brief pause separated arrival there from the news that in Ouro Preto on Mondays *tutta e fechada* - everything is closed.

At the VARIG air line office an assistant spoke English, although her message could only have sounded more charming in Portuguese: "Belo Horizonte is very boring," she declared emphatically.

The only thing to do was to rent a car and get out of town. In Belo one gets a car by telephoning the rental company; a nice-looking woman appears with car and clipboard, then vanishes equally promptly.

It was at this point that I discovered that the car was a standard-shift (which I did not know how to drive), and that it ran on alcohol, with an extra control to deal with and, it seemed, an above-average propensity to stall.

And stall the car did. Six times before the sanctuary of the *Rodioviaria* was re-attained. And

each time a snakelod of Brazilian drivers would hoot and honk.

Having collected my suitcase at the terminal, I tried to reverse the car and failed. So I sought aid from a member of the *polizia militar*.

Guidebooks, as any seasoned traveller knows, are purely for bedside reading; provision of any *useful* applications would be quite out of character with their purpose. It was in vain that I sought to find the necessary phrase to quicken my policeman into action. Would the desired results *really* be achieved by saying: "Permite-me que ponha uma loçã ou brilhantino em seu cabelo?" Would the journey to truth be hastened by informing my patient listener that "Minhas unhas estão enormes," or that "A casa de João está em Nova York," "O cachorro está no jardim," or by inquiring if "O relógio de sua irmã anda bem?"

Without particular guidebook guidance, and in best pidgin I declared with great emphasis: "Gran problema. Il carro non reversa." The policeman stood emotionless, doubtless frozen in concentration, necessitating some dozen variations on this theme.

I should have employed the tried and tested "Englishman abroad" recipe.

STEP 1: Talk to the foreigner in English.

If step 1 does not work (perhaps the foreigner is deaf), proceed to step 2:

STEP 2: Talk to the foreigner in English. Loudly.

It was my mistake of modern liberal times to neglect this fail-safe technique. So, eventually, following a particularly virtuoso display in the art of pidgin, there was a pregnant pause, and the attentive gendarme responded. "I like Elvis Presley," he said.

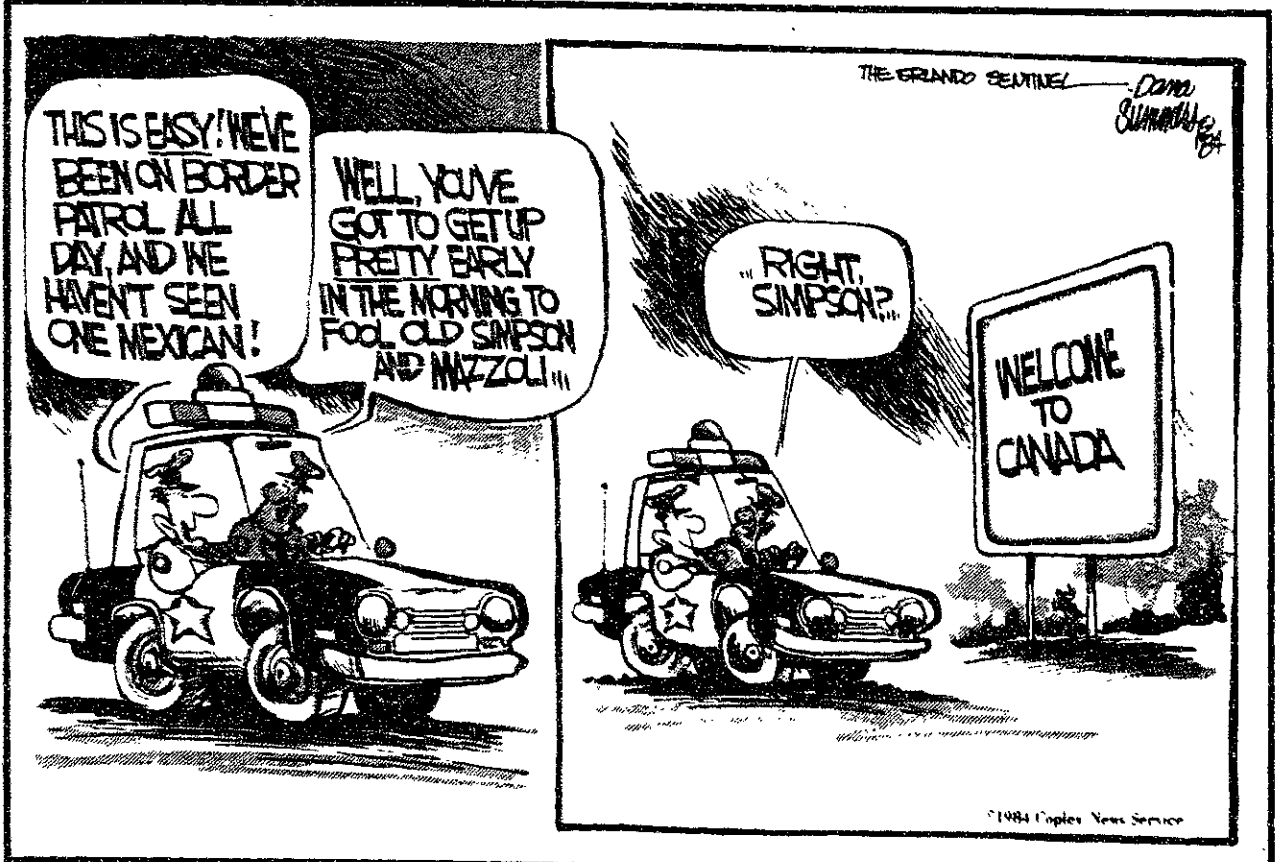
Another policeman turned up, and the two held a conference. To no avail. A third, a lady officer, arrived on the scene, viewed the situation and walked off to reappear, a few minutes later with two smiling girls. "Eeenglis stouudent," she declared with a look of triumph, and the girls prepared themselves to perform.

Step 1 was put into action:

"Excuse me, but I'm having trouble with the car. It won't reverse." The girls simultaneously turned to look at each other in puzzlement; then everyone - except me - began a vigorous debate in Portuguese. This Town Hall meeting was interrupted only by the impressive arrival of the Chief of the Military Police, who led the troops to the scene of the battle, and to the admiration of one and all, thrust the vehicle into reverse and then took me for a driving lesson - conducted in Portuguese.

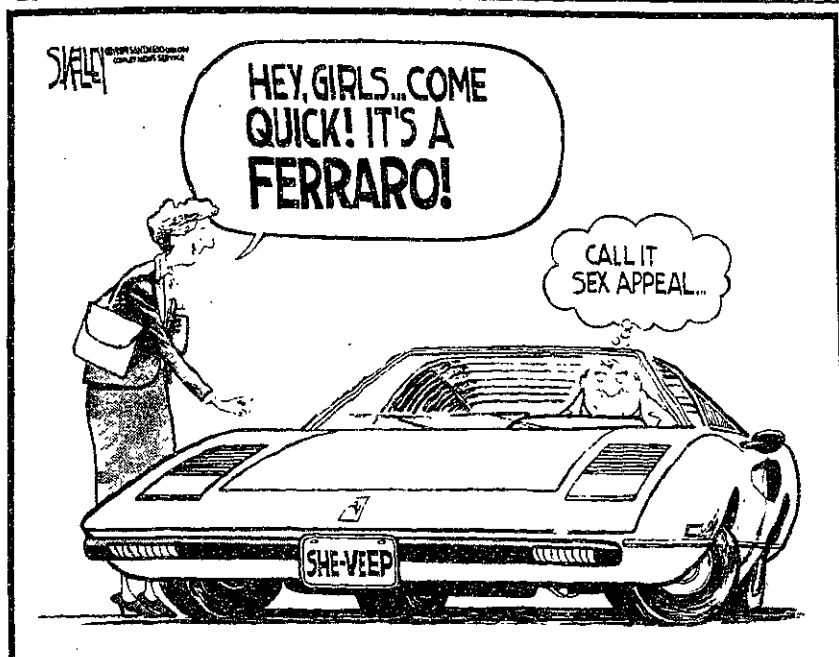
We reached the city limits. He left me. I drove on, as best I could, to Sabara, a town which was supposed to be both interesting and open on Mondays. I went

(Please turn to page 5)



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opinion



Column/Simson L. Garfinkel

Choose Veep for merit

The Democrats should spend less time worrying about their candidates' backgrounds and more time considering their merits.

When I heard that Rep. Geraldine Ferraro (D-N.Y.) had been asked by Mondale to be his running mate, my first reaction was "Who is Geraldine Ferraro?" not, "it's about time that a woman got nominated for the job." I didn't think that it was relevant that she was a woman.

Apparently I was in the minority. Throughout last Thursday I heard many different radio stations proclaiming "an end to 200 years of American political tradition" and "a major breakthrough for the feminist movement." Certainly the radio stations were more concerned with Ferraro's gender than her qualifications for the job.

The *New York Times* heralded Ferraro as the "first woman on a major ticket." The *Boston Globe* trumpeted, "It's a first." Both of these papers not only pointed out that this was the first time for a woman to be nominated to such a position, they heralded it in their headlines for days afterward.

I had never heard of this three-term Democrat from New York before, though I am sure that I will hear a great deal of her now. If nothing else, her two now-famous quotations, "Vice President... That has such a nice ring to it," and "American history is about doors being opened, doors of opportunity for everyone no matter who you are..." are destined to be repeated by the media for the rest of the campaign.

Before Mondale made his decision, various feminist groups demanded that the Democratic nominee choose a woman for vice-president — any woman. These are the very groups who should have been fighting for the most qualified pair of candidates. Instead, they were seduced by the appeals of tokenism.

When Reagan was asked to comment on Ferraro's selection, he said that when the United States finally had a female president, she would probably be a Republican. Reagan said a conservative party would not choose a token woman to pilot the ship of state: they would simply choose the best person, regardless of sex. It happened in England, he said, where the first female prime minister, Margaret Thatcher, was put into power by the Conservative Party.

If America indeed had any history of open doors and non-discrimination, no one would care about Ferraro's sex. Likewise, no one would care about her ethnic background, her race, her religion or her family. Instead, we would be concerned with Ferraro's political history, her philosophical outlook, her opinions on the role of government.

If our society had reached the non-discriminatory plateau the media would have us believe we have, we would simply note that Ferraro may be the first female vice president, the way we have noted that she may be the first of Italian descent. The fact that she was the first woman to be nominated for the position of vice president would not be banner headline news.

Editorials, marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor in chief, managing editor, executive editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the newspaper.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

All submissions should be typed, double spaced, on a 57-character line and bear the authors' signatures. Unsigned letters will not be printed, but authors' names may be withheld upon request. *The Tech* reserves the right to edit or condense all letters.

A Brazilian motor odyssey

(Continued from page 4)

to the Tourist Information Office. "Tutta e fechada", declared the attendant.

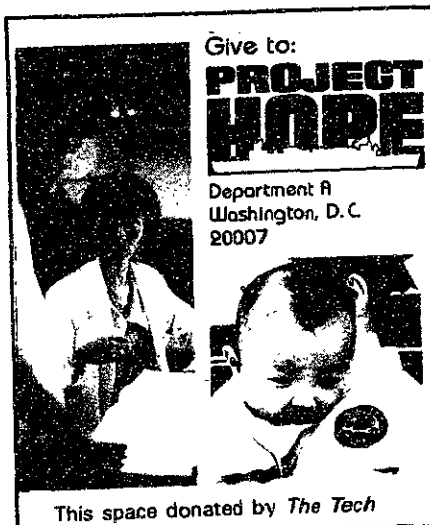
¹ Will you let me put a lotion or some brilliantine on your hair?

² My nails are terribly long.

³ John's house is in New York

⁴ The dog is in the garden

⁵ Does your sister's watch run well?



Surviving in hottest Chile

(Continued from page 4)

spoke more-or-less flawless English.

Our local contacts, Dennis and Francisco, picked us up outside customs. On the drive to the hotel, Dennis pointed out an auditorium-like structure and informed us that the well-publicized torture program had been carried out there and that it might still be in use. A few hundred meters up the road, of course, was the hotel.

Chile was a bargain hunter's paradise. A pale Paraguayan leather carry-on, much sturdier than its local equivalent, ran me about thirty dollars at the annual crafts fair. It's equally amazing that it only costs fourteen cents to travel on the Red Line of the Chilean Metro, a fast, clean, on-time subway system — and only seven cents on the Yellow line. The only thing that seems pricey (besides car rental) is lapis lazuli, an abundant semiprecious stone.

To be fair, of course, I should mention the reason everything is so cheap. I have it on good authority that next to Calcutta, Santiago has one of the highest concentrations of poverty and beggars in the world. Every day, I was accosted by at least a half dozen beggars, each more pitiful than the previous. You just have to give in when approached by a mother and child, both of whom appear not to have eaten in a week.

A related issue is the exchange rate. If you have a friend you can rely on, try to exchange your dollars into pesos on the black market; you can easily get a ten percent mark-up on the official rate. Otherwise, exchange at a bank (e.g. Citibank) in Santiago

or at the American Express office on Augustinas, Santiago's equivalent of Massachusetts Avenue.

Under no circumstances should you exchange with the exuberant *Chilenos* standing on the street corners on Augustinas offering you fantastic black market rates. If the police see you exchanging your money, you are going to jail, no doubt about it. And South American jails are marvelous — it is your family's responsibility to feed you, not the jailer's. Ergo, no friends, no food. You could starve to death on a bum rap.

Obviously, although cocaine is much cheaper in Chile than here (approximately \$25 per gram, still a factor of three more expensive than in Peru), you'd be a fool to purchase it from anyone but a friend — or, God forbid, to try to smuggle any home.

In some respects, Chile has really overdone the security bit. I was almost arrested for taking a photo of a Santiago subway station. Another no-no is getting too near the *carabineros*, the local police who brandish their Uzis if you look at them wrong.

The *carabineros* are probably the main reason why the resistance to Pinochet's regime is so weak. The other is that, like Argentina, Chile has a very strong European (i.e. "civilized") influence — people would prefer to work from within the system and will suffer to the point of unbearable rather than overthrow it.

Chile used to be safer that it is now. While I was there, Pinochet allowed the opposition a scheduled monthly rally. Speeches were spoken, victory signs were flashed and everyone wore a big SEG on their mugs and honked their horns on the way home.

Nothing violent happened unless you threw rocks at the police (Rule #1: Uzis beat rocks).

It was widely suspected that the source of the random bombings was Cubans planted to make trouble. Unfortunately, Pinochet decided to spend some obscene amount of the populace's money (\$1.3 million, I believe) on a new Presidential mansion.

The Chileans were not amused. Bombings and the crackdowns they inevitably bring (e.g. a 6 p.m. to 6 a.m. curfew) became much more frequent. This was a bit of a hardship on our representatives in Santiago, as Chileans don't eat dinner till 9 P.M. at the earliest.

Two quick words about food. Although there are some superb local dishes and restaurants in Santiago, beware of shops with meat hanging in the window — they serve that meat; it's not just for display. Second, Chilean veggies are irrigated with Chilean waste water. Yum, yum.

If you own an apartment, you can soak veggies and fruit in Zonolin, an effective bleach, or peel the offending food. Lettuce, however, is still *verboten*.

Don't get me wrong; I really liked Santiago. The weather was marvelous, the food (its taste, not the aftereffects) was marvelous, and the people at work were oh-so-friendly, unlike some places I could mention. Like Seoul, South Korea, which I'll discuss in a later column. In the meantime, Happy Trails (I'm sorry, I had an uncontrollable urge to say that).

Author's note: Eric A. Sohn is an MIT dropout. He still suffers from the delusion that he will return one day to finish his 6-3 degree.

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Life in the fast lane **ARTS ARTS ARTS**

Repo Man, starring Emilio Estevez, Harry Dean Stanton, and Tracey Walter, written and directed by Alex Cox, an Edge City Production, a Universal Picture. 92 Minutes, rated R.

"Credit is a sacred trust," says Bud (Harry Dean Stanton), the auto reposessor, or "repo man," who befriends Otto (Emilio Estevez), a Southern California punk, and cons him into the repossession business. The job of the repo man is to go out and take the cars of debtors who break that sacred trust.

At the beginning of the movie, Otto and his nerdy friend Kevin are fired from their jobs at the Pic'n'Pay Mart. The Pic'n'Pay Mart, like every other store in the movie, specializes in generic goods. Tins labeled "food" nestle next to cardboard boxes filled with little bits of dark styrofoam labeled "tasteos" and canned "beer" on the store's shelves.

The night he loses his job, Otto breaks with the punk rockers he's been hanging around with. The next day he gets picked up by Bud and discovers that he likes being able to legally steal cars.

The life of a repo man isn't all fun — people violently resent having their cars reposed — but it is intense. While most people spend their life avoiding intense situations, repo men thrive on them. But for times when things get out of hand, it helps to dress like a detective: it makes people think you're carrying a "piece."

The movie is crammed with side jokes, some as subtle as a bus labeled "Edge City," some as kneaded as the running generic food joke. But unlike other summer movies, *Repo Man* doesn't bury the plot in

jokes — or in special effects. Instead, it uses humor to reinforce the absurd plot line.

Repo Man reminds me of *Liquid Sky* and *Close Encounters of the Third Kind*. The similarities to *Liquid Sky* in the first three quarters of the movie are hard to ignore. For instance, the punk rock drug culture is an integral part of both movies. Furthermore, every fourth word spoken had four letters. Yes, this was another "f--- you" movie: it ends with Otto saying to his girlfriend, "f--- our relationship." It grated on the nerves, but not as badly as in *Liquid Sky*.

What's more, like *Liquid Sky*, *Repo Man* featured a concerned scientist, extraterrestrial aliens that have the ability to make people vaporize, and lots of music. The *Repo* music, however, was much better than the score of *Liquid Sky*.

Resemblances to *Close Encounters* came at the end of the movie, centering around a '57 Chevy that turns into a space vehicle. Searching for the Chevy are secret agents — all blond, blue eyed and wearing reflective sun glasses. While the movie is much more like *Liquid Sky*, analogies to *Close Encounters* are definitely present.

Leaving the movie, I heard somebody say, "[*Repo Man*] doesn't cost them anything and will make a lot of money." True, *Repo Man* doesn't have a lot of expensive special effects. It has something much better: creativity, thoughtfulness, and attention to detail. The movie has depth, both visually and thematically. It is a marvelous summer flick.

Simson L. Garfinkel



Otto's friends try some repoing of their own

Two plays for the price of none

Calm Down Mother by Megan Terry and **The Unseen Hand** by Sam Shepard, presented by The Project for Student Summer Theatre at MIT in Kresge Little Theatre, July 19-21.

If you'd like to know "what it's like to be in a women's body; a woman's perception from the inside," see the first play on the PSST double-bill. If, following the intermission, you won't settle for merely having your brains blown out, but would like to have them stretched out into a string of well-masticated California kid's pink bubble gum and then gently tweaked with a blunt hack-saw, then stay for the second part of an unusually brilliant journey into a little bit of all of us.

Megan Terry's *Calm Down Mother* demands sympathy in conflict. The three women must blend and deflect, project

and reflect in an intense Brownian motion, and director Sue Downing-Bryant's essay in humanity combined horror with humor, and made the three actresses into a world of women but, at the same time, presented them as one soul. Energetic but personal, this disturbing play is as natural in performance as it is compelling in theme; from geriatric problems of cream of wheat absorption to teenage guilt, the story hits hard and this enlightened production drives harder.



Director Andrew Borthwick-Leslie's achievement is in creating the dangerous worn-out seedy Western feeling that marks out the work of Sam Shepard. In his production of Shepard's *The Unseen Hand*, violence lurks forever threatening a mere skin's depth away. A talented team of actors maintains tension, each of them, in his way, telling us of a class of distant and lost hopes.

Amid a gang of criminals, the 20th century kid from Azusa would seem to be the innocent. But in Scott Pollack's hands he becomes perhaps the most questionable character in the cast, a symptom of a little town content to go nowhere beyond its proud California polyester complacency, a place with everything from A to Z in the USA, but few dreams beyond the High School football team.

Two plays, then, to wreak havoc with our forbidden insides. Scenes frozen in time and space; no particular story, but the fears of us all. There are more performances on Thursday and Friday at 8 and on Saturday at 8:30 p.m. Sit through the evening, and that bubble gum will eventually snap.

Jonathan Richmond

On The Town On The Town On The Town

Wednesday, July 18

SCC presents **Raging Bull** in Lobdell, starting at 9 p.m. or dark, whichever is later. Free.

Thursday, July 19

The MIT Project for Student Summer Theatre (PSST) presents two one-act plays: Sam Shepard's *The Unseen World* and Megan Terry's *Calm Down Mother*, at 8 p.m. in Kresge Little Theatre. See review this issue. Free and open to the public.

Jazz under the stars at the Museum of Fine Arts, 465 Huntington Ave., Boston. **Ellingtonia**, by The Herb Pomeroy Big Band in part two of a tribute to Duke Ellington. 8 p.m. 267-9300

Friday, July 20

The Project for Student Summer Theater's summer one-acts continue their run in Kresge Little Theatre at 8:30 (note time change). See Thursday's listing.

The French Library's film flick is *Les Valenses*. Directed by Bertrand Blier, this 117 minute 1974 film is the controversial tale of the exploits of two outrageous drifters who pass the time stealing cars, molesting women, and terrorizing the populace for a laugh. For mature audiences only. Also shown July 21 and 22. \$2.50 for non-members, \$1.50 for members. 53 Marlborough Street, Boston. 266-4351

Great house tours, sponsored by Castle Hill, will present guided tours of the 59-room summer mansion of **Chicago industrialist Richard T. Crane, Jr.** Designed by David Alder, the estate overlooks Crane's Beach and 2000 acres of preservation land on the Massachusetts coast. 10 a.m. to 2 p.m.; admission \$4. Concert Bard, Castle Hill, Argilla Rd., Ipswich, MA. Also July 21, 27, and 28. Tonight is also the premiere of *Il Re Pastore*, at Castle Hill, one of four Mozart productions to open shortly. *Cosi fan Tutte* opens at Castle Hill on August 5, while the *Monadnock Festival* in Peterborough, New Hampshire, has their own production on July 28.

Eugene Ormandy will conduct the **Boston Symphony Orchestra** at Tanglewood. The program will include Beethoven's Piano Concerto No. 5 and works of Mozart. 266-1492

LSC presents **Robin and Marian** (7 p.m.) and **The Wind and the Lion** (9:15 p.m.) in 10-250. Admission \$1.

Saturday, July 21

LSC presents **Airplane II** in 10-250 at 8 p.m. Admission \$1.

The final performance of PSST's one-acts will be given in Kresge Little Theatre at 8:30 (note time change). See Thursday's listing.

Sunday, July 22

Summer Chamber Music at MIT continues tonight with a concert of works by Piston, Bartok and Hummel for english horn, harp, clarinet, piano, and strings. In Kresge Main Auditorium at 8 p.m. 253-3210

Tuesday, July 24

SCC presents **The Sting** at 9 p.m. or dark, whichever is later, in Lobdell. Free.

Thursday, July 26

Castle Hill theatre company presents **Woyzeck**. Contemporary production of George Buchner drama directed by Patric Swanson. Music by U.S. Steel Cello Ensemble and Martin Luther's hymns played on the harmonium. 8:30 p.m. Concert Bard, Castle Hill, Argilla Rd., Ipswich, MA. Admission \$12.50. Also July 27 & 28. 356-4070

Orpheus is the French Library's flick. Directed by Jean Cocteau, 1949, the film runs 95 minutes. In this updated version of the ancient legend, Eurydice is run down by Death's motorcycle messengers. Admission \$2.50. 53 Marlborough Street, Boston, MA. 266-4351

LSC presents **Still of the Night** (7 p.m.) and **And Then There Were None** (9:15 p.m.), both in 10-250. Admission \$1.

Saturday, July 28

Summer Chamber Music at MIT performs works by Bach and Handel for violins, oboe, and voice. At 8 p.m. in Kresge Main. 253-3210

LSC presents **Nightshift**, 8 p.m. in 10-250. Admission \$1.

Sunday, July 29

MIT Professor John Harbison's first Symphony will be performed at Tanglewood at 2:30. Also on the program is Faure's *Pavane* and Beethoven's 7th Symphony. Edo de Waart will conduct the Boston Symphony Orchestra. The Castle Hill Chamber Music Series Presents **Anthony di Bonaventura**, internationally-acclaimed pianist, performing the U.S. premiere of Antoniou's *Entrata* and Schumann's *Carnaval* as well as Mozart's *Sonata in D major* and Chopin's *Polonaise-Fantasia*. 6 p.m. at Concert Bard, Castle Hill, Argilla Rd., Ipswich, MA. Admission \$10, \$5 for students and senior citizens. 356-4070

Saturday, August 4

Summer Chamber Music at MIT present works by Hsieh and others. At 8 p.m. in Kresge Main. 253-3210

King of the electric guitar

King Crimson at the Orpheum Theater, July 5, 1984.

"Hey Tony, I think they like this weird stuff" —Adrian Belew.

A King Crimson show is quite unlike the typical rock concert. Instead of screaming fans jumping up and down, dancing and singing along with the band, there is a theater full of stunned people quietly watching as four old men physically abuse their musical instruments while the instruments loudly protest. And yet the result is incredible music.

Robert Fripp started the show alone, with just a guitar, an amp and twice his weight in electronics. Unlike the show at the Metro two years ago, when Fripp sat crouched behind an amp with his back to the audience, this time he faced the crowd on a stool, though he spent most of the time looking at either the guitar or the dozens of pedals on the floor.

Wearing a suit and a pair of wire-rimmed glasses, Fripp looked more like a BSO patron than a rock guitarist (though he later removed his jacket to reveal a "screaming schizoid man" sweatshirt). Tony Levin, Bill Bruford, and Adrian Belew came out one at a time and joined in the symphonic melee.

As lead vocalist (and lead extrovert), Belew was the focus of most of the show. Dazed though the audience was, he did manage to get some crowd interaction at a few points. During "Indiscipline," after singing the praises of his guitar, he announced "Tonight I'm going to bend the neck right off this guitar!" After a deluge of cheers, he changed his mind: "Well, maybe not."

The band played most of the tunes from *Discipline*, *Beat*, and *Three of a Perfect*

Pair, as well as the title cut from *Red*. A few of these, such as "Thela Hun Ginjeet," were based on the original theme, with a few token lyrics, but proved to be mostly extended jams (I'm not complaining).

King Crimson has been described as the most mathematical band around today. After watching some of the precisely timed intricate passages and unexpected section changes performed live with deadly accuracy, I am inclined to agree with this. Nonetheless, the music changes rapidly enough never to sound like sequenced synthesizer electropop.

My roommate says, "There are two parts to playing electric guitar. You have to be able to play the guitar, and you have to be able to play the electric." The members of Crimson very definitely have a command of the "electric." There were a few disturbing moments during the concert when I was hearing sounds that had no right to be coming from any of the instruments that I could see. Even more alarming was the "hands-off" guitar trick. Belew's guitar was sitting on a stand, and he was playing with a set of controls mounted on the mike stand. He then walked over to the guitar, and lightly touched the strings down by the bridge. The guitar then broke into a feedback solo by itself, and as Belew proudly stood back and watched it, Fripp gave him a look that seemed to say "Not bad."

Between numbers, the audience surged back to life with several standing ovations. After the set, there were two encores. The first saw Belew joining Fripp on a stool for "Discipline." The second was the only time all night that the audience danced, (at Belew's suggestion), to "Elephant Talk."

It's pretty hard to convey the feeling of awe that comes along with a King Crimson concert. If you appreciate the music on their records, you owe it to yourself to see them live. I expect to be back the next time they come around, even if I have to once again miss seeing my friends graduate while waiting in line for tickets.

Jean-Joseph Coté

Secret nothin

Top Secret, starring Val Kilmer and Lucy Gutteridge, music by Maurice Jarre, written and directed by Jim Abrahams, David and Jerry Zucker, produced by Jon Davison and Hunt Lowry. A Paramount Picture, rated PG.

Start with a gorgeous American pop star. Add a plot to overthrow the free world, an escape from a German prison, a French underground and two children shipwrecked alone on a desert island. . . Sound a bit contrived? Don't worry; it is.

Top Secret is the third major cinematic work of Jim Abrahams, and David and Jerry Zucker, the trio responsible for *Kentucky Fried Movie* and *Airplane*. The writers/directors of the movie "always had a vague idea of doing something set around the last world war, and we also wanted to include some rock'n'roll." Vague is the operant word here.

The movie is nominally set in East Germany, which serves as ". . . a double of any totalitarian state." 1950's rock'n'roll is thrust onto the scene when American star Nick Rivers is invited to perform at an East German cultural festival. Enter the

ARTS

ARTS

ARTS



A Film

conspirators, a group of German generals who plan to use the festival to further their devious plans to conquer the world.

Naturally, handsome rock star meets beautiful member of underground, who is trying to get dissident scientist father out of prison. You can guess the rest — we certainly did. The schtick was right out of *Airplane*, but the gags are more obvious and not nearly as funny. There are a couple of good lines, but the laughs are few and far between. The entire film is contrived beyond the point of humor, making this just another mindless summer flick.

Amy Gorin and Daniel Flagg

Kung-Fu

for you
too

The Karate Kid, Columbia Pictures, produced by Jerry Weintraub and directed by John G. Avildsen, starring Ralph Macchio, Noriyuki "Pat" Morita, and Elisabeth Shue, rated PG

I'm not sure what my expectations were for this film as I walked into the theatre: Kung Fu deluxe? Smash and bash? *Rocky IV*? It was a little of all of those - and something more.

The "something more" is Pat Morita ("Al" from *Happy Days*), who plays the mentor of a teenager from New Jersey out of his depth in California. Ralph Macchio as the teenager is only fair in his part, and had it not been for Morita's talents, *The Karate Kid* might never have more than commonplace.

The *Karate Kid* recipe? "New kid" Macchio gets bullied but, after several more-than-ample poundings to dust via the age-old art of karate, he asks Morita for help. Well, you've guessed it: after only two months Macchio becomes expert enough in karate to participate in a city-wide competition and the big show-down between Macchio and the toughs takes place. We've seen Macchio learning the basics, but suddenly he's Superman. there is much more to the philosophy of karate as it is taught by Morita than that encompassed by the "toughs." During the film karate becomes a lesson for life.

This is the role of a lifetime for Morita, but it's too bad director John Avildsen did not focus more on the relationship between Morita and Macchio. Macchio spends only half the film learning from Morita; the rest is spent at his high school, or at home with his mom. While the high school/home scenes were necessary to set up the action; they are dull and lacking in content.

It's the form that counts in this movie. We see a lot of Macchio learning the basic moves of karate, but he never seems to need training in the actual defense moves, such as punches, which he demonstrates a more than casual acquaintance with knowledge during the competition.

Predictable as Goldilocks? Sure; but that's more than half the charm. See *The Karate Kid* and enjoy his performance - it's great.

Anne Prince

MIT goes to Tangle- wood

Summer Chamber Music at MIT started their season on July 14 with a concert in Kresge Auditorium. The Boston Symphony Orchestra, conducted by Kurt Masur went for baroque at Tanglewood on July 15.

A charming performance of Milhaud's *Suite for violin, clarinet and piano* highlighted the first concert in the *Summer Chamber Music at MIT* series. Brian Johnston's violin sang in fine balance with Andrew Tangborn's fluent and, at times, delightfully amusing clarinet. Karen Sauer's rippling piano bound the piece together.

The rest of the concert came at a lower level, but was not without its moments, and made a pleasant evening's summer music.

Sunday's Tanglewood concert, on the other hand, was less than inspired. It started with the cancellation of the advertised music from Purcell's *Fairy Queen*, and continued with an unsuccessful performance of Telemann's *Die Tageszeiten* ("The Times of Day"). The work takes us on a musical excursion from morning to night. Orchestral playing during "evening" was wonderfully evocative; one felt the cooling darkness as tenor Jerry Hadley steered us towards night, the orchestra following him on a light breeze. But as a whole, the piece dragged and seemed mundane at best.

Bach's *Peasant Cantata* went much better. Elly Ameling and John Shirley-Quirk sang well; Ameling's rendition of #14 "*Klein-Zschocher müsse*", accompanied by a lovely flute solo, was enchanting.

The concert ended with a coarse-cut try at Handel's *Fireworks Music*. Given an unbalanced performance, the music lacked splendor. The BSO can do better.

Jonathan Richmond

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Spring 1984 IM Frisbee results

A LEAGUE

Team	Won	Lost
Kappa Sigma-1	5	0
Sigma Chi	5	1
Delta Tau Delta	4	2
Chi Phi	3	2
Phi Delta Theta	2	3
Theta Chi	2	4
Kappa Sigma-2	1	4
Baker	0	6

Finals — Kappa Sigma-1 defeated Sigma Chi 7-6.

B LEAGUE

Division 1

DKE	4	1
Nu Delta	4	1
Next House	3	2
East Campus-2	3	2
pika	1	4
AEPi	0	5

Division 2

New House 4	5	0
PSK	3	1
PKS	2	1
Kappa Sigma	2	2
Senior House	1	3
SAE	0	5

Division 3

PKT	4	1
BTP	4	1
Baker	4	1
F-entry	1	4
Theta Xi	1	4
MTH	1	4

Division 4

LCA	5	0
ATO	3	2
East Campus	3	2
Zeta Psi	2	3
Burton	1	4
Theta Chi	1	4

Finals — New House 4 defeated DKE 9-8; PKT defeated LCA 9-3; New House 4 defeated PKT 12-7.

notices

Ongoing

The following exhibits are being held at the MIT Museum: **A Bunch of Electricals: An MIT Electrical Engineering Retrospective**, a celebration of the centenary of the Electrical Engineering Dept. Included are the Bush Differential Analyzer and the Edison Dynamo given to the Institute by Thomas A. Edison in 1887. **Math in 3D: Geometric Sculptures by Morton C. Bradley, Jr.**, sixteen sculptures based on mathematical formulae. Form and color relation give these works a unique visual appeal. **Images of Change**, fifty color photographs by Clinton Andrews. A subjective view of the issues and technologies bringing changing to northern areas of Pakistan and India. 265 Massachusetts Ave. Monday-Friday 9 a.m. to 5 p.m. Free.

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The following exhibits are ongoing at the Hart Nautical Galleries: **MIT Sea Grant**, a review of MIT Ocean research; **Ship Models**, a historical view of the design and construction of ships; and **The Engineering Wizard of Bristol: Nathanael G. Herreshoff**, plans, half-models, equipment, and photographs documenting the renowned yacht designer's application of engineering skills to ship design. Building 5, 1st floor. Monday through Friday 9 a.m. to 5 p.m. Free.

200 archaeological treasures from Israel, the result of recent excavations on land and in the waters off Haifa's coast, are being displayed in a major exhibit, **"Crossroads of the Ancient World: Israel's Archaeological Heritage"** from May 1 through July 31, 1984 at the Harvard Semitic Museum, 6 Divinity Avenue, Cambridge. Museum hours are Monday through Friday, 11 a.m. to 5 p.m., Saturday and Sunday from 1 p.m. to 5 p.m. Admission \$2.50 per person, \$1.50 senior citizens, children under 12, and students with I.D. Members free. Guided tours available by reservation at \$1.50 per person for groups of 10 or more. For further information, call 459-3123.

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Listings

Student activities, administrative offices, academic departments, and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

Tuesday, July 17

The Boston Computer Society **Dispewriter Group** meets at Wordsmith, 1112 Mass. Ave., at 7 p.m.

The Boston Computer Society **IBM PC Users' Group** meets at Knight auditorium, Babson College, Wellesley at 6:45 p.m. Main meeting topic, at 7:30 p.m., is printers.

Wednesday, July 18

The Boston Computer Society **Science and Engineering Group** meets at Pierce Hall 209, Harvard University (rear door, across from Harvard Museum). Bob Moore, president of Digital Control Systems, will present a CAD (Computer-Aided Design) system for IBM PC's and compatibles.

Thursday, July 19

"Black Liberation Through Socialist Revolution" — Marxist Class Series. 6:30 p.m. at Phillips Brooks House, Harvard University. Sponsored by the Friends of the Spartacus Youth League. Free and open to the public. For more information call 492-3928 (evenings).

The Boston Computer Society **Sinclair/Timex users** meet at UMass Science Center (Harbor Campus at Columbia Point), in the large science auditorium (Building 8, second floor, room 6).

The Boston Computer Society **Texas Instruments group** meets at the Tower Building of the Massachusetts College of Art, 621 Huntington Avenue, Boston.

notices

Monday, July 23

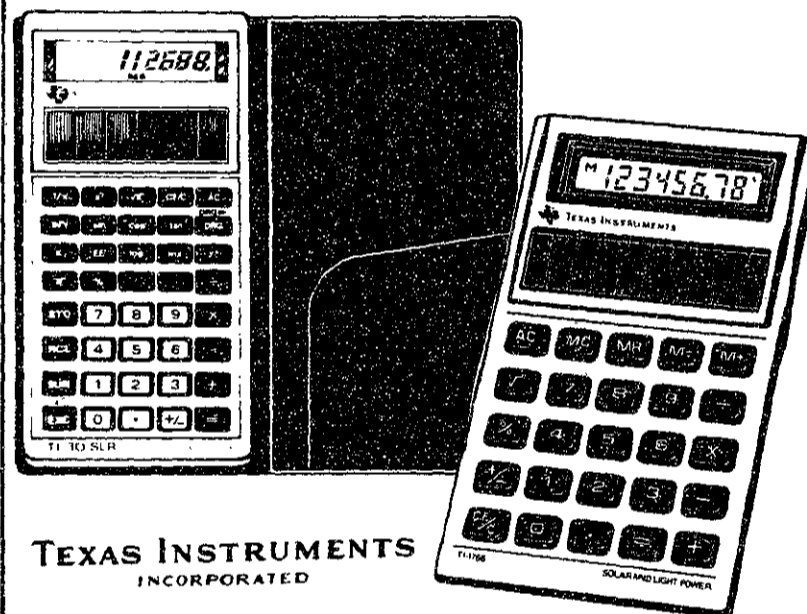
The Boston Computer Society **Graphics Group** meets at 7 p.m. at the Tower Building of the Massachusetts College of Art, 621 Huntington Avenue, Boston.

Jack Sullivan's Business Resource Exchange meets at 5 p.m. on the fifth floor of the Tower Building of the Massachusetts College of Art, 621 Huntington Avenue, Boston.

Tuesday, July 24

The Boston Computer Society **Kaypro users** meet at 7:15 p.m. at Minuteman Technical/Vocational High School, Lexington (Rte. 128 and 2A). Special interest groups follow a beginners' tutorial at 6:30 p.m. A special SIG has been formed for Pied Piper owners. Public domain library opens at 6:30 p.m.

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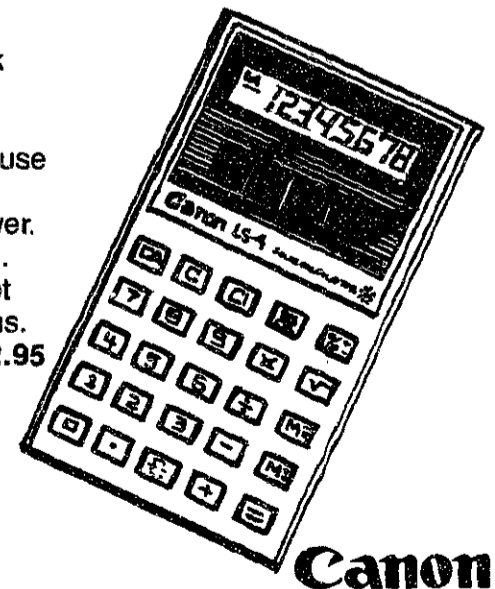
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