

Kappa Alpha Theta to begin rush in fall

By Irene C. Kuo

The Zeta Mu Chapter of Kappa Alpha Theta will become the fourth Panhellenic sorority at MIT during the 1990-1991 school year. Rush will begin two weeks after R/O, and the date of installation is set for February 23, 1991, according to Sue Blair-Sheets, grand vice-president of development for Kappa Alpha Theta.

MIT needs another sorority because the existing three are getting too large, said Sallie Israelit '91, president of the Panhellenic Council. She expressed hope that the size of the three groups, each of which has about 90 sisters, will eventually decrease after Kappa Alpha Theta comes on campus.

"When a sorority is that big, it is difficult [to maintain cohesiveness] without housing," she noted.

In 1989, 254 women attended sorority open houses, up from 212 in 1988. Ninety-nine bids were extended in 1989, compared

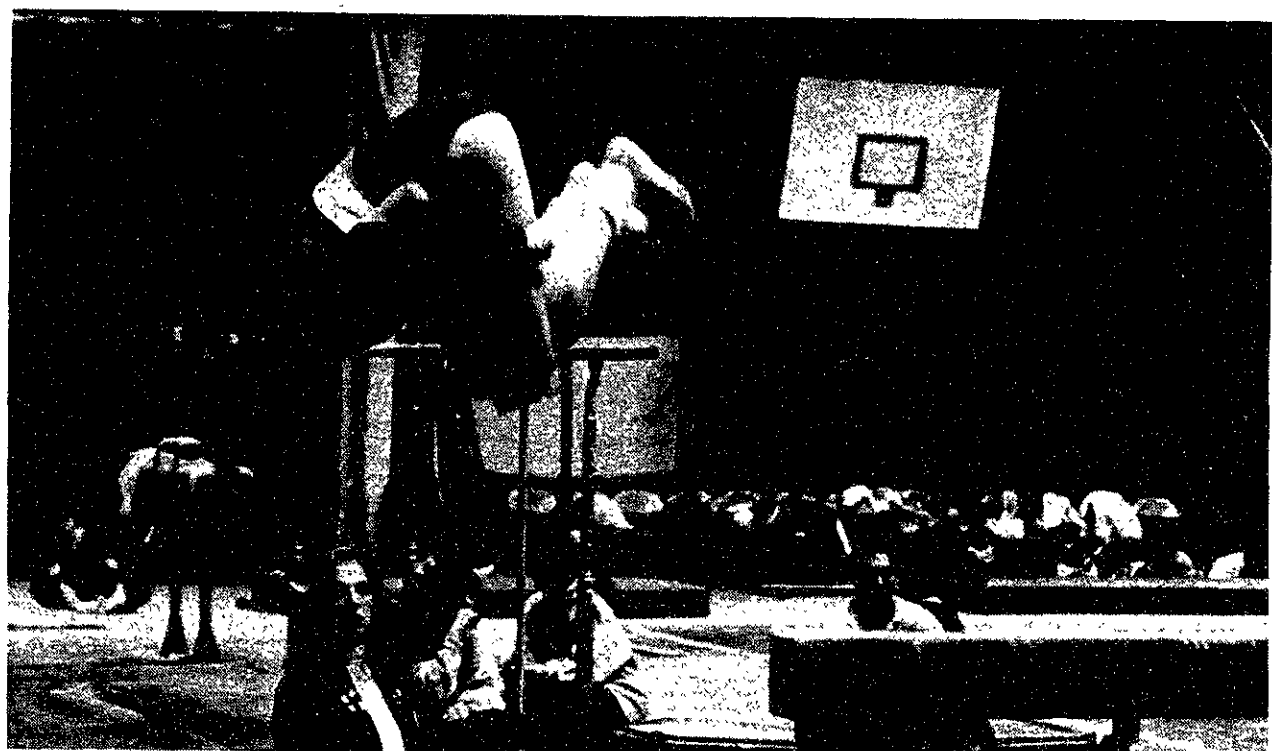
with 56 in 1988 (when there were only two sororities).

"We don't want the number of women pledging sororities only one half the number rushing," Israelit said.

Kappa Alpha Theta and Sigma Kappa, the third sorority installed at MIT, were chosen two years ago by the InterFraternity Council Expansion Committee to join the school's Panhellenic Council. At that time, the committee decided that Sigma Kappa should join first.

"The two sororities were chosen because they have strong nationals and were felt to be in tune with the feeling at MIT," Israelit said.

(Please turn to page 2)



Jonathan Kossuth/The Tech

Rachel McCarthy '90 somersaults to dismount from the balance beam. MIT beat Salem State College in Wednesday's meet.

Fake GSL cancellations create uproar

By Reuven M. Lerner

Hundreds of students received letters earlier this week falsely telling them that their Guaranteed Student Loans had been revoked. A group calling itself

"Hack Away Incorporated," or "HA!," claimed responsibility for the mailing.

Bursar Shirley M. Picardi said yesterday that her office began receiving telephone calls on Tuesday at about 10 am. Between five and six hundred students have called since then, she added.

Picardi noted that the mailing was "not confined to specific dorms," and that "students all across the campus" had called to complain. "Some freshmen were crying," she added. Picardi was not sure whether graduate students had received the letters.

In a letter sent to *The Tech* on Tuesday, "the founding members" of HA! claim that "the exact number of notices mailed was 956." The letter claims that "this has been a bad hacking year," and that the members of HA! "are trying to salvage the failing reputation of hacking at MIT." The authors did not identify themselves.

Picardi said that "all of the students [who called the Bursar's Office] were upset, because [the letters] gave the definite impression that there was nothing they could do about it without

hiring an attorney." The letter to students says that "further documentation . . . will be forwarded upon request of attorney." Picardi said that the "phone calls have tapered off" since Tuesday.

James F. Mahoney Jr., deputy chief of Campus Police, said that the Bursar's Office and Campus Police were working together to find out who sent the letters. He said that the Campus Police has "had the Bursar's Office save 10 to 12 letters," and that "we are going to try to trace the letters back through interdepartmental mail." Mahoney admitted that this might be "problematic."

The letters were sent through interdepartmental mail in blank envelopes without any return address, and were placed on photocopied Bursar's Office stationery. In addition, the word "HA!" was placed inside of the MIT "Mens et Manus" symbol. Mahoney said that notices of loan cancellation were normally sent "to a permanent address, via US Mail."

The letter from HA! implies that this would not be the group's final activity. They wrote that they "plan to change" the amount of hacking that takes place on campus.

Picardi was "distressed" to see "so many students so upset" about the mailing, and said that "we care how students deal with financial problems." "Their minds should be on their academic pursuits," she added.

Mahoney said that "if we have any names or inkling of who did it, we will refer it to the Office of the Dean for Student Affairs." He was not sure what kind of action the Dean's Office would take.

"This has never happened to the Bursar's Office, nor to any office that I know of," Picardi said. She added, "I have been here since 1970. I have seen a lot of hacks, and most of them are funny and do not hurt people. I think that this one hurt students."

New Whitehead director likely to be named soon

By Joanna Stone

After three months of whittling away possible candidates, the Whitehead Institute search committee said this week that it is at the end of its deliberation process and will soon be announcing who shall be the next head of Whitehead.

"We're down to the short list. The next Whitehead board meeting is at the end of this month; we're hoping an announcement will be possible at that time," said Richard O. Hynes PhD '71, head of the Department of Biology and member of the Whitehead search committee.

According to Hynes, the short list consists of less than half a dozen names. Hynes said that all

on the list are qualified to assume the position and have expressed an interest in doing so.

Although all potential candidates have been screened by the search committee, the committee does not have final say over who will be chosen as the new director. Instead, the search committee must bring their recommendations to the Whitehead board of directors where the final appointment will be made. The appointment does, however, have to be made with the approval of the Department of Biology.

"We hope and anticipate they [the board] will approve of our recommendation," said Hynes.

The search for a new director (Please turn to page 7)

Apartheid foe cautious about reforms

By Niraj S. Desai

Black South Africans are "prepared to forget the past" and engage in negotiations on the country's future with the white-dominated government, according to an official of a major anti-

apartheid organization. But he warned that significant obstacles remain to be cleared before such negotiations can begin.

One problem that Patrick Lekota, publicity secretary of the United Democratic Front, speci-

fied Wednesday in a speech at MIT's Bartos Theater, is the question of political prisoners and exiles.

South African President F. W. de Klerk last week lifted a 30-year ban on the African National Congress and other groups, and promised to release certain political prisoners, including Nelson Mandela. But de Klerk said that only those convicted of nonviolent political offenses, and not crimes like murder or terrorism, would be released. And only exiled members of the ANC and the other groups not charged with crimes would be allowed to return to South Africa.

Lekota maintained that all political prisoners must be released and all exiles allowed to return before the ANC and UDF will sit down with the government.

Acts carried out in the course of political protest are different in character from ordinary crimes, Lekota said. For example, someone who kills by planting a bomb in the path of a security police vehicle should not be treated the same as someone who kills during a robbery, he explained.

De Klerk also suspended South (Please turn to page 2)



Sean Dougherty/The Tech

Patrick Lekota, publicity secretary of the United Democratic Front

Richard B. Adler

Electrical Engineering and Computer Science Professor Richard B. Adler '43 died Tuesday morning after he was hit by a car while jogging in Concord. He was 67.

According to Lieutenant Robert Foster of the Concord Police, Adler was fatally injured shortly before 6 am on Sudbury Road. He was flown by helicopter to the University of Massachusetts Medical Center in Worcester, where he died at about 8:30 am. Foster said Adler's death is still under investigation, and that a public report will be released on Monday morning.

Born in New York City in 1922, Adler received his early education in New York City schools, and at the Loomis School, Windsor, Connecticut. He attended Harvard (1939-41), but received his SB (1943) and ScD degrees (1949) from MIT. He began his teaching at MIT in 1949.

A Navy officer from 1944 to 1946, he was an instructor at the MIT Radar School and subsequently in the Department of Electrical Engineering. He became an assistant professor in 1950, associate professor in 1955, and professor in 1959. He was leader of the Solid-State and Transistor Group of the MIT Lincoln Laboratory from 1951 to 1953. In September 1978 he became associate head for Electrical Science and Engineering in EECS, a position which he held until September 1989, when he became co-director of the MIT Microsystems Technology Laboratories.

Adler, as technical director of the international university-industry Semi-conductor Electronics Education Committee, which he established, led the effort in the early 1960s that first brought transistor-based solid-state electronics into undergraduate engineering education. He is co-author of seven books, has participated directly in preparing some 16 educational films and film loops, and has published numerous technical papers. In addition, Adler co-authored two of the undergraduate core-curriculum texts put into use at MIT in the late 1950s.

He was the 1986 recipient of the Institute of Electrical and Electronics Engineers' Education Medal "for leadership in engineering education through teaching and textbooks in semiconductor electronics and electro-magnetics."

Adler is survived by his wife, Dorothy, and his three sons.

A remembrance service will be held at 2 pm Monday, Feb. 12, in the Kresge Little Theater. A reception will follow in Twenty Chimneys.

New sorority will rush this fall

(Continued from page 1)

Marcia Bond, executive director of Kappa Alpha Theta's national organization, would like a pledge class of 80 sisters next spring because "it is easier for a group to form if it is the same size as the others on campus." Women from all four classes may rush, Blair-Sheets stressed.

IFC President Miles Arnone '91 doubted that such a large pledge class would lower selectivity. "The women who join Kappa Alpha Theta probably do not fit

the Alpha Phi, Alpha Chi Omega, or Sigma Kappa molds. It's not as if Kappa Alpha Theta is dredging the [pool of women]."

Although all three existing sororities hope to be housed someday, Neal Dorow, advisor to fraternities, sororities, and independent living groups, denied that the intent of recruiting another sorority was to eventually house more upperclasswomen off-campus.

"Only sixty percent of Alpha Phi's national chapters are

housed," he noted. "The Greeks were not developed with the concept of housing. They are not just a place to live."

Kappa Alpha Theta was founded in 1870 at DePauw University in Indiana. The organization is a women's "fraternity" because the word "sorority" was not coined until much later, and it is the oldest women's group of its kind. Kappa Alpha Theta has nearly 140,000 members belonging to 117 college chapters in the United States and Canada.

Apartheid foe urges caution

(Continued from page 1)

Africa's death sentence pending a revision of the rules governing capital punishment. In his speech to Parliament on Friday, the president proposed giving judges greater leeway in sentencing, saying executions should be limited to "extreme" cases. Heretofore, conviction of a capital offense has carried an automatic death penalty.

Lekota did not see this as enough, noting that anti-apartheid militants convicted of capital crimes might still be put to death after their cases have been reviewed.

The 41-year-old Lekota, who spent 13 of the last 16 years in prison for his anti-apartheid activities, further stated that South Africa's state of emergency, imposed three years ago, must be lifted before the two anti-apartheid organizations join in political talks with the de Klerk regime.

The South African government has hinted recently that it may soon declare an end to the state of emergency.

The UDF, legal in South Africa since its creation in 1983, is allied with the ANC and has acted as a surrogate of sorts for the Congress inside the country.

Calls for sanctions

Lekota urged anti-apartheid forces outside of South Africa to maintain the pressure for economic sanctions, crediting existing sanctions, in part, with forcing the government to make concessions.

The presence of foreign companies in South Africa does "nothing meaningful" for the black population, Lekota asserted. He explained that the best jobs require extensive training and education — things to which only white South Africans generally have access. Blacks often are left with low-level, low-paying jobs.

Despite the legalization of the ANC and the imminent release of Mandela, the need for sanctions and other pressure on the government is still critical, Lekota believed.

He argued that the framework of apartheid is still in place, noting that 87 percent of South Africa's land cannot be bought by blacks, who constitute 80 percent of the population; the Group Areas Act prohibits blacks from owning homes in many of the most desirable locations; the homeland system aimed at partitioning black South Africa is still in place; the country's educational system for blacks remains inferior; and the government may still invoke emergency powers to

stifle opposition.

Lekota said anti-apartheid forces within South Africa were planning "mass action on a scale that has not been seen" in the country for many years.

"Apartheid is well and alive," he said. "Do not be misled."

Decades of struggle

Lekota believed that the primary cause of the changes announced last week was the realization on the part of the ruling National Party's leaders that "our freedom is inevitable." The reforms, and those that will come, are the product of decades of struggle by the ANC and others, according to Lekota.

The ANC, founded 1912, was banned in April 1960. Until then it had engaged strictly in nonviolent protest, but in 1961 it launched an armed wing, headed by Mandela, which conducted military actions against the government. Mandela was arrested in 1962 and sentenced to life in prison, as were many other top ANC leaders; Mandela alone remains imprisoned. The ANC's main leadership currently is based in Zambia.

Lekota called the ANC, oldest and largest of the anti-apartheid organizations, the key representative of South Africa's black people. The UDF, whose philosophy and goals are the same as that of the ANC, was formed after the government's adoption of a new constitution and has essentially provided the ANC with an organized presence in the country.

Two major anti-apartheid groups conflict with the ANC from different sides of the political spectrum. The Pan-Africanist Congress, which was also legalized last week, was founded in 1959 in a split with the ANC. The PAC is more militant than the Congress — calling for an armed takeover by blacks — and less willing to negotiate.

The Inkatha movement of Zulu Chief Mangosuthu Buthelezi is more conservative than the ANC. It has for the last three years struggled with the ANC for control of the black townships in Natal Province.

Lekota did not believe Inkatha would continue to be a major player. "Buthelezi's position has been seriously undermined," Lekota said. "He [has] lost support ... among the ordinary masses of workers."

A new generation of white leaders

Lekota expressed a certain optimism over the white minority's ability to reform.

He noted that de Klerk and the other current leaders of the Na-

tional Party have grown up since 1948. It was in 1948 that the party came to power and began building the system of white political domination and racial separation known as apartheid.

The new leaders are more sensitive to international pressure, Lekota said. In recent years, young Afrikaners have begun to leave the National Party, believing its old policies incapable of dealing with South Africa's problems, according to Lekota. He believed de Klerk's moves were intended, in part, to shore up support among the younger generations.

Moreover, the National Party's leaders realize "they need to make a future for their children." They are thinking carefully about whether they want their children to fight a protracted struggle for power with the black African majority, Lekota said.

He believed ultraconservatives would not be able to stop the trend toward reform. They may be able to weaken the National Party to an extent, but they "do not have the support and strength" to halt the liberation movement, Lekota said.

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—Vincent Canby, NEW YORK TIMES



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The Office of Admissions is now accepting applications for the position of Admissions Counselor. This is a one year full-time position beginning in July, 1990 (some flexibility is possible). Duties will include:

- ★conducting question and answer sessions
- ★interviewing prospective students
- ★visiting secondary schools
- ★coordinating MIT student involvement in admissions
- ★reading applications
- ★participating in admissions committee decisions

Applications for this position are available from Greg Pierson in the Admissions Office (3-108) and should be returned no later than Feb. 28, 1990.

Note — This is for 1990 (January or June) MIT graduates.

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World

Soviet leaders support multi-party system

The Communist Party Central Committee voted Wednesday to do away with Article Six, the part of the Soviet constitution which guarantees communism a leading role. In doing so, the committee followed the lead of many Eastern European countries where, one by one, communist parties have given up their legal guarantee of political control. Soviet Foreign Minister Eduard A. Shevardnadze described the actions of the committee as a move towards a "humane and democratic society."

Secretary of State James A. Baker III, who is in Moscow for talks with Soviet leaders, said he and Shevardnadze made progress toward new arms-control agreements in the two days of talks which ended yesterday. There was action toward treaties to curb long-range nuclear weapons and conventional weapons and to ban chemical weapons, according to US officials in Moscow. And a Soviet foreign ministry spokesman said there was talk that both nations may issue a joint condemnation of Israel's settlement of Jewish immigrants on the West Bank.

Apartheid supporters seek de Klerk's removal

South African supporters of apartheid said they will try to force President F. W. de Klerk out of office. The members of the Conservative Party are dismayed by the reforms announced last week by de Klerk, including the imminent release of Nelson Mandela and the legalization of several anti-apartheid groups, including the African National Congress. An extreme white-supremist group which has been involved in violent confrontations with blacks said it will protest the appearances throughout South Africa by Jesse Jackson, who arrived in South Africa Wednesday for a 12-day trip.

In response to these threats, South Africa's Minister of Law and Order said he wants to be sure that, after Mandela becomes a free man, he does not become a dead man. The official said that is one issue holding up Mandela's release. But anti-apartheid leader Allan Boesak said if officials put off the release, people will wonder if South Africa really intends to let Mandela go.

Nation

Recipient of temporary lung-assist device dies

The teenage girl who was the first person to receive a temporary lung-assist device died Wednesday morning of "worsening pulmonary failure," only five days after the device was implanted. A spokesman for LDS Hospital in Utah said Melicia Harvey had a condition that impaired the lungs' ability to put oxygen into the blood. This is precisely what the "I-VOX" device was designed to do — let damaged lungs rest and heal.

Oil spill threatens California beach, wildlife

The weather has cooperated with crews working to clean a mile-long oil spill off the coast of Huntington Beach in southern California. The spill occurred Wednesday when a tanker's hull was gashed and hundreds of thousands of gallons of heavy Alaskan crude oil spewed from the ship. Crews yesterday put containment booms in place in an effort to protect beaches and a wildlife reserve. Coast Guard officials said they are optimistic that they can clean up the spill, as long as the weather holds.

The accident comes just as Congress tries to wrap up work on oil spill legislation. The House and Senate are trying to work out differences on a bill that would put tighter controls on oil tankers, and make certain that those who pollute pay for the clean-up. California Democrat George Miller has called on the oil industry to stop fighting the legislation, saying that Wednesday's spill demonstrated what happens when the system "goes wrong."

Bush warns against sudden cuts in defense research

President Bush, visiting a main center of research for the Strategic Defense Initiative, said such a missile defense shield made more sense now than ever before. As the President continued his campaign for his defense spending plans, he told a San Francisco audience that the Soviets continue to modernize their strategic weapons. The US cannot plan its own defenses around the as yet unfulfilled hopes for the future, he added.

Reforms in China will start at the top, US official says

Deputy Secretary of State Lawrence Eagleburger told a Senate panel Wednesday that reforms in China have been led mostly from the top. Hopes for reform rest with those within the Chinese government, not with the crowds who gathered in Tiananmen Square, he said. Eagleburger was trying to defend the Bush administration against charges that it has been too friendly with the Beijing government in the wake of the crackdown on pro-democracy demonstrations.

The administration's defense of China comes at a time when the country's top officials have announced that attempts to dismantle its Communist Party's monopoly on power would lead to "civil war."

CBS suspends Rooney for racial remarks

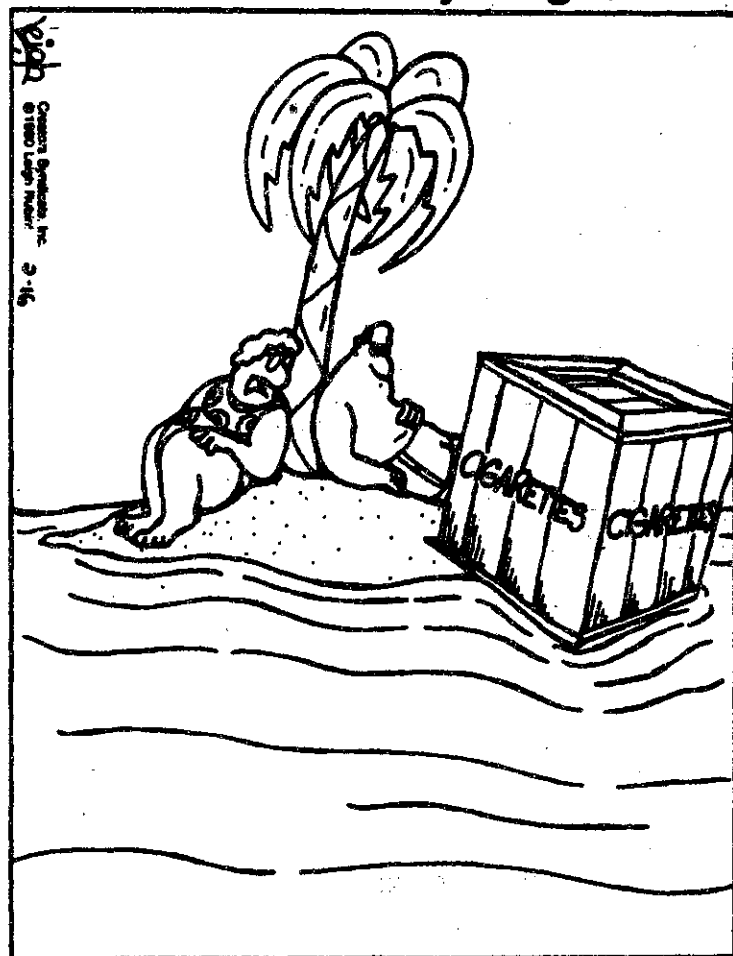
CBS News yesterday suspended Andy Rooney for three months without pay. The action was taken because of racial remarks attributed to Rooney by a gay magazine. CBS News President David Burke, who took the action after a meeting with Rooney, declined to comment on his reasons but said he had made it clear to Rooney that CBS News "cannot tolerate such remarks or anything that approximates such comments."

Rooney denied making the racial comments attributed to him in *The Advocate*. But the Los Angeles-based magazine quoted him as saying that "most people are born with equal intelligence. But blacks have watered down their genes because the less intelligent ones are the ones that have the most children." Rooney was also quoted as saying "they drop out of school early, do drugs and get pregnant."

Rooney "has expressed his dismay that the values of CBS News have been called into question and offers his deepest apologies" to anyone who took offense at the remarks attributed to him, Burke said. Rooney drew criticism from homosexual and lesbian groups in December for remarks he made in a television special. On the show, Rooney said "many of the ills which kill us are self-induced . . . too much alcohol, too much food, homosexual unions, cigarettes."

Rubes

By Leigh Rubin



"I certainly hope you don't use this as a convenient excuse to start smoking again."

Local

Property taxes may rise

More than 30 communities have banded together in an effort to raise property taxes by four percent. The Suburban Coalition wants to hike the property taxes to stop what it says is a deterioration of town services. Proposition 2½ prohibits increases of more than 2½ percent annually, unless voters in a given community vote to override. The coalition's proposals also include allowing town meetings to vote to exempt long-term capital projects from Proposition 2½, requiring the state to finance all mandatory programs such as special education, and earmarking 40 percent of state lottery revenues and personal and corporate incomes for local aid.

Military and businesses will work together

The US military and local Massachusetts businesses will work together to develop new products under an agreement announced Wednesday by Governor Michael S. Dukakis. Military laboratories in Natick and Hanscomb Air Force Base will be available to small and medium-sized businesses to further the application of defense research to commercial research. Dukakis and Air Force Lieutenant General Gordon Fornell made the announcement at the State House, surrounded by consumer products developed from military research.

Weather

A spring preview

The prevailing southwesterly flow continues to bring spring-like conditions to the New England area. A developing storm over Ontario (and an associated cold front) will bring rain to our area Friday night and Saturday morning. The weekend will be variably cloudy with another batch of precipitation arriving Saturday night, and clearing on Sunday. Temperatures will fall slightly on Sunday, but remain above normal for the beginning of next week.

Friday: Increasing clouds in the afternoon. Highs near 54°F (12°C).

Friday night: Rain developing. Lows 42-44°F (5-7°C). Southwesterly winds continue, gusting to 25 mph.

Saturday: Mostly cloudy with showers ending in the morning. Highs near 50°F (10°C). Small chance of snow Saturday night. Lows near freezing.

Sunday: Clearing. Highs near 42°F (6°C).

Forecast by Greg Bettinger
Robert J. Conzemius
Yeh-Kai Tung

Compiled by Linda D'Angelo

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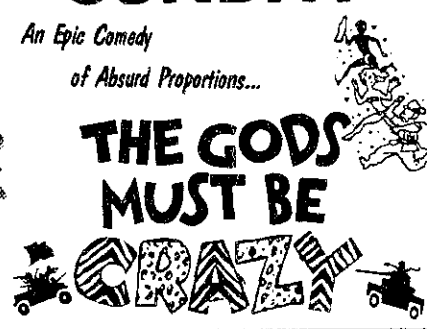
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7 & 10 pm in 26-100

SUNDAY



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opinion



The Tech

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US should support Soviet reforms

Column by Karl Dishaw

George Bush has proclaimed that the survival of Mikhail Gorbachev is in the best interest of the United States. In a Wall Street Journal interview and other public forums Bush spoke of his admiration for Gorbachev's accomplishments and openly hoped for his success. The visible part of this attitude shows in the Administration's support for arms control agreements and opening trade. The Soviet Union is not an "evil empire" in today's White House.

Some prominent voices oppose the favors being granted to the Soviets. Conservatives point out that the USSR has more nuclear capability than when Gorbachev took power, and that hard-line Communists might displace him the leadership. There is significant evidence that they have tried.

The arguments against cutting US defenses and cooperating with the Soviet Union concentrate on the need to protect ourselves against the traditional Communist threat. True, the Communist Party of the Soviet Union is not a reform club, nor is eternal friendship with the Americans part of its revised platform. The Soviet Union, under Communist leadership, still poses a threat to the US, but to a lesser degree than before Gorbachev.

However, Americans should be aware of the possibilities that are worse than going back to the old Cold War. The current situation is highly unstable. The Baltic states are mediating the fighting between the Azerbaijanis and Armenians. Poland, Hungary, and Czechoslovakia are politely expelling the Soviet garrisons in their countries. Ethnic Russians, the most reliable base of the Soviet government, are mumbling about canonizing the last Czar and refusing to let their sons be called up by Army reserve units. These are the problems that Gorbachev is facing.

Seventy-five years ago America refused to support a government in Russia out of dislike for its internal behavior. Woodrow Wilson delayed our entry into World War I partly to avoid being allied with Russia. The old regime was primitive, repressive, brutal, and poor. Very few Americans thought a worse government could take its place. Many welcomed the Bolshevik takeover as a tremendous stride forward.

greater than that of any other of history's atrocities.

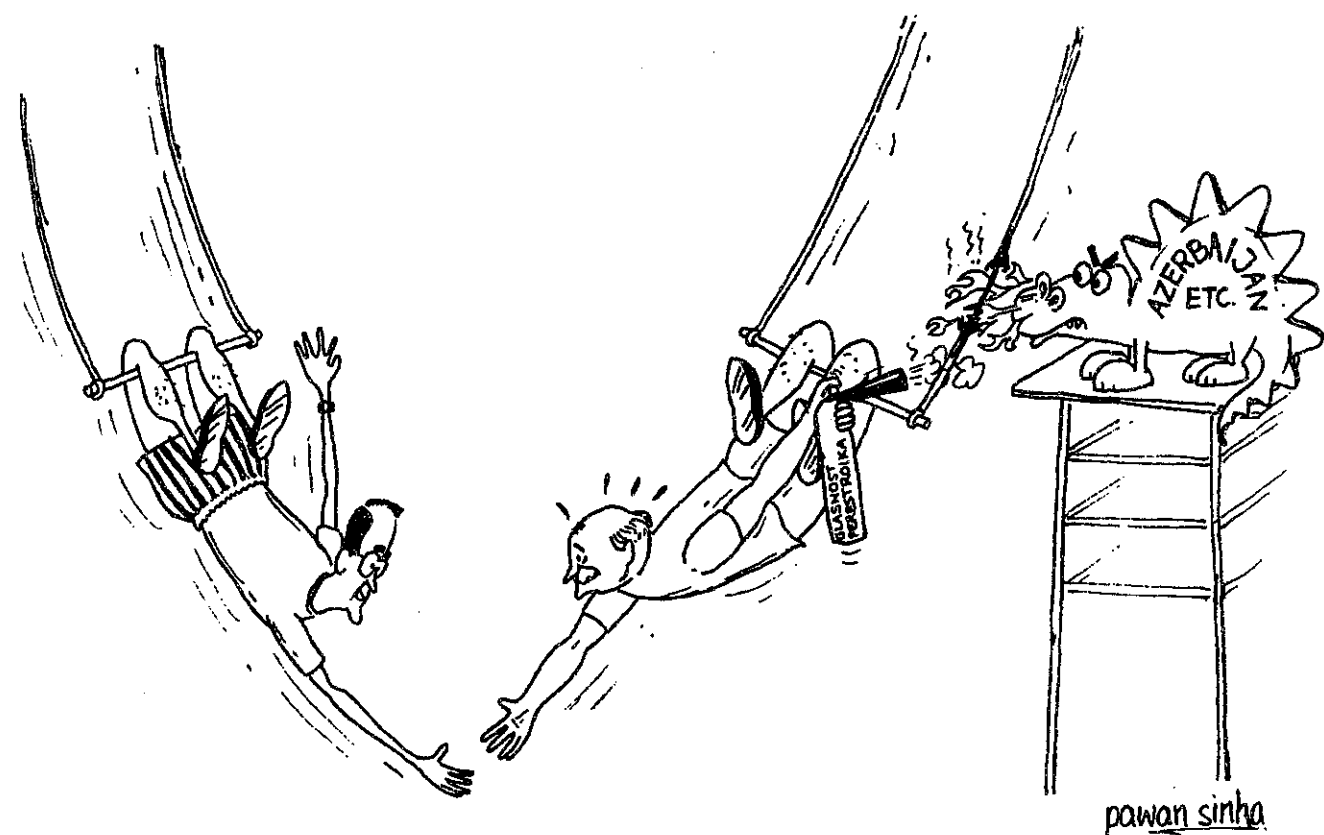
So perhaps the Czar that Woodrow Wilson despised wasn't so bad after all, at least relative to some other famous men of this century. If Americans had aided the Romanovs and the Kerensky government that took over from them, would they have held against the Bolsheviks? Would Russia have become a constitutional monarchy or a democratic republic in the 1920s? We can never know. We can consider that possibility when thinking about how to treat Gorbachev's Soviet Union.

American conservatives want us to keep our guard up against the return of Stalinism to the Soviet Union, ending glasnost and crushing the new democracies of Eastern Europe. What else might happen? The fighting in the Caucasus illustrates one possibility. Every nation within the Soviet sphere of influence has had its borders repeatedly redrawn in centuries past. They all have grounds for wars over territory. Perhaps the United States could avoid getting entangled in such wars, but our NATO allies probably couldn't.

The Moslem republics of the Soviet Union all have some separatist tendencies. Only Azerbaijan has taken any active steps but they could all follow in its path. If Moscow completely mishandles the region the world could witness the emergence of a 50 million strong, nuclear-armed Islamic fundamentalist republic. This would not be an improvement over Brezhnev.

At the moment the USSR's nuclear arsenal is firmly in the hands of the central government, largely manned by ethnic Russians. Separatists are extremely unlikely to get hold of any of the over 10,000 warheads. However, an open civil war could very likely divide the Strategic Rocket Forces and their KGB counterparts into factions. If a civil war went nuclear it would be devastating. We're all downwind of the USSR. Hopefully no one would become that desperate or deranged, but a collapse of the central government would leave the warheads uncontrolled. I would not want to see them in the hands of China or newly formed successor states.

The best thing to hope for is the success of glasnost and perestroika. The Soviets would gradually evolve into a market-oriented democracy more con-



Stalin crushed that idealistic vision. He starved millions of people to death to get the capital for his industrialization schemes. More millions went to slave labor camps for political offenses. Soviet society was warped by his "cult of personality." In some ways it has not yet recovered. Stalin need not have come to power, but once he did the Soviet people had no checks or balances to stop him. The army, the church, all had been broken to the Party's will.

After Stalin died, the Communists have been more careful in who they let rise to the top, but the people still have no protection against a failure by the Party. Stalin will always be one of the most infamous figures in Russian or Soviet history (depending on which one will have a history in the years to come) but as a monster he is overshadowed.

Adolph Hitler took the recovery of Germany from WWI and created a conflagration that shattered nations and shaped the world to this day. Another great genocide of this century came from Pol Pot, leader of the Khmer Rouge government of Cambodia. His campaign to eliminate urbanization and intellectualism emptied the cities and killed a percentage of the nation's population probably

cerned with consuming than watching out for foreign threats. This can only happen if the current slide stops and the Soviet people's living standards improve. If they keep getting worse the people will be eager to support new proposals, whether for secession or maniacs screaming "kill the Jews!"

The United States government can't just concentrate on "winning the Cold War." We have to think about what will take the place of the current situation, and try to avoid the worst possibilities while aiming for the best. Right now reducing the load on the Soviet economy through arms agreements and trade does not increase the USSR's ability to attack America. It increases the chances of its people becoming so fat and lazy that they'll have no reason to attack us. Our best defense is to make the Soviets more peaceful, and that means making them richer.

President Bush seems to have the basic idea down right.

Karl Dishaw, a recent graduate in the Department of Aeronautics and Astronautics, is a columnist for The Tech.

opinion

LETTERS TO THE EDITOR

Democracy must protect minority opinions

I feel compelled to respond to Bob Newman's criticism ["Pro-life Support Creates Surprise," Feb. 6.], since it appears to endorse an ethic I find troubling. As I was not one of the "whopping eight people" he claimed attended the March for Life from MIT, and in light of the fact that I certainly was there, I would suggest to him that he should not count people he never saw. More disturbing to me, however, after enduring the personal affront, was his apparent assertion that majority consent implies a right to dilute constitutional guarantees.

I cannot dispute that the pro-abortion rally demonstrated more support than ours; the core of activists in attendance was, if the press and park police can be trusted, significantly larger; however, the question of legitimization of the opinion remains.

The difficulty is best considered by recalling an old fragment of rote from high school Ameri-

can history: Some sixty percent of our Founding Fathers' contemporaries were either loyal to the king or apathetic about the American Revolution. If this can be accepted, the natural question that arises is whether our revolution was immoral for imposing its will upon others, or justified because it was backed by a universal truth (i.e., that man is essentially selfish and must be protected from himself by the institutionalization of certain "inalienable rights"). The answer would seem to suggest that our laws are predicated upon a belief that freedom, which can be legislated, must be tempered by conscience, which can not.

With this in mind, it is easy to see that our jurisprudence demands reconsideration. Clearly, it is not only the Supreme Court's right, but also its obligation to protect human life — regardless of public opinion. On behalf of all "eight" of us, then, I would urge Mr. Newman to refrain from unseemly and necessarily

shallow condemnation of our beliefs. It is neither warranted, nor appreciated — and it leaves him open to criticism, should he ever espouse what is perceived to be a minority opinion on an issue of conscience.

Daniel J. Green '92

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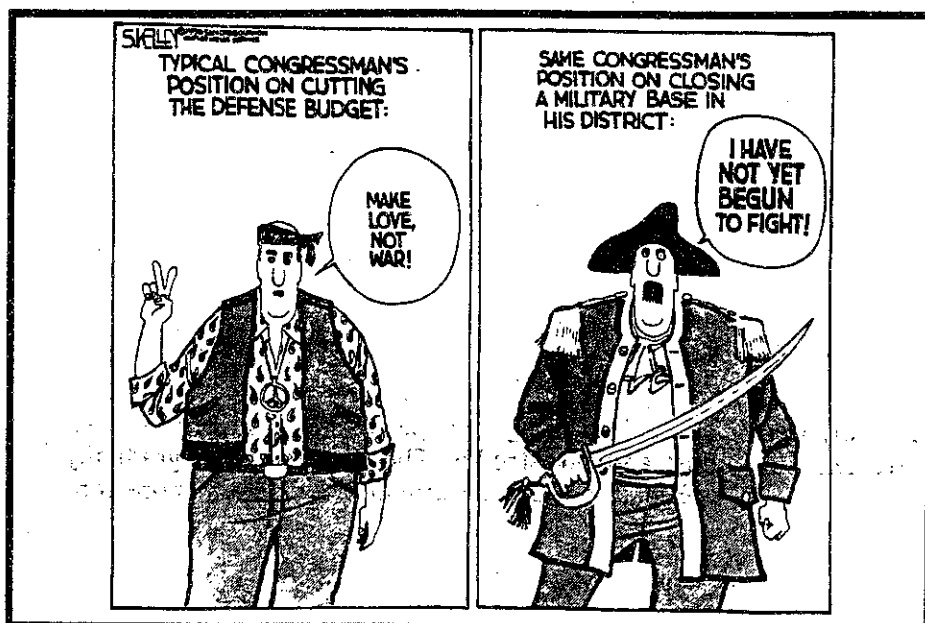
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The Bursar's office has sent no such letters. They are fraudulent,

and the Campus Police and Dean's Office are investigating. Students are very upset (some panic-stricken) about this. We have received about 500 telephone calls and visits in the last 24 hours. This is a very cruel hack, not funny at all. If students have received such letters they should ignore them.

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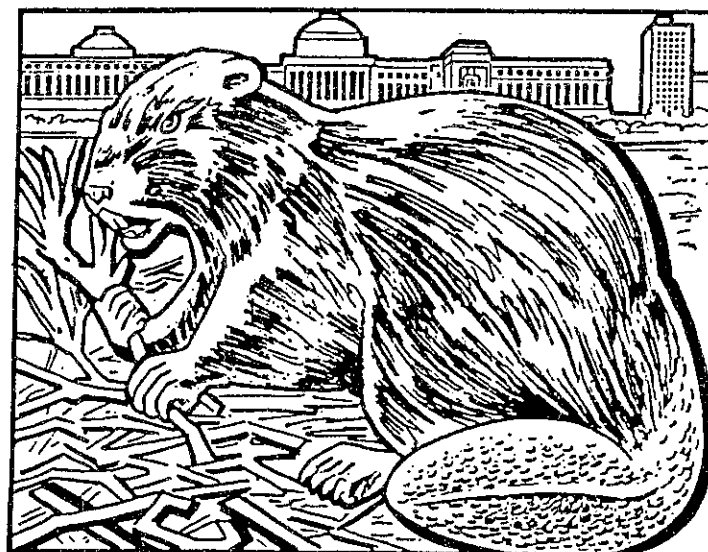
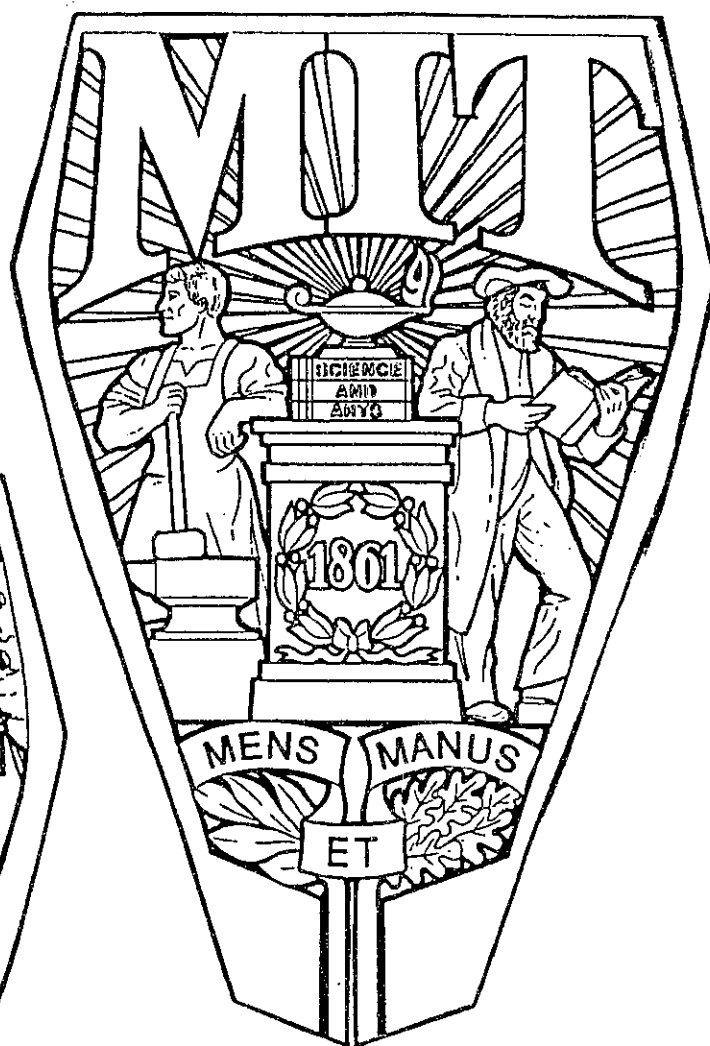
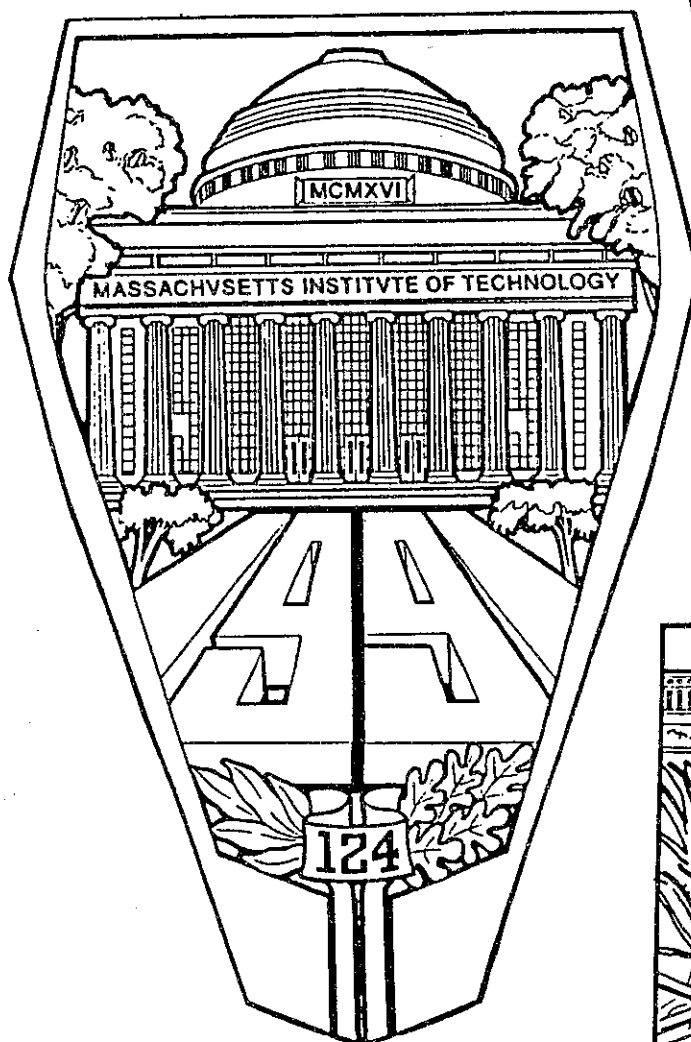
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Whitehead will name director soon

(Continued from page 1)

began in October after current director David Baltimore '61 announced he would be leaving the Whitehead Institute to take over as president of Rockefeller University in New York City in July.

Baltimore has been the director of the Whitehead Institute since it was first established eight years ago. His departure, although not a surprise, was viewed with regret by members of the Whitehead Institute.

"Our first father is leaving. It is of course a sad moment," said Francis E. Low, a physics professor and Whitehead trustee. "It is also a moment of maturity. Some things will surely be different in the future. But I believe the Institute will continue to grow and continue to succeed."

Low, a member of the search committee, believed the key to the future success of Whitehead depended on finding a new leader with the right personality.

"We must have a distinguished scientist. Someone who will have vision and the ability to effectively lead and help people and find consensus within the Institute," said Low.

The Whitehead search committee, run by John Sawhill, who is also head of the Whitehead board, began its search process

began by petitioning for suggestions from Whitehead faculty and staff and from members of related MIT departments. Baltimore was also consulted for suggestions and opinion.

The Whitehead search committee would not make any official statement on who the successor might be. According to one Whitehead faculty member, Gerald R. Fink, Whitehead members not directly involved in the selection process have not been given any idea who the new director will be. "Rumors range across the continent, but none of us have been let in on the actual selection," he said.

The committee did, however, narrow the possibilities a bit. The search began as an international one but now is said to be strictly domestic.

Any outside candidate approved by Whitehead's board will have to face a tenure review, as Whitehead's director must be a tenured faculty member.

Development of the Whitehead Institute at MIT was proposed in 1981 by millionaire industrialist Edwin Whitehead. The final agreement stated that Whitehead would provide direction to MIT's biomedical research by appointing 20 MIT biology department and would own all inventions and intellectual property produced by those members. In return, MIT received a \$7.5 million donation for its endowment as well as \$5 million annually until 2003, and \$100 million upon the death of Whitehead.

Many MIT faculty members were critical of the Whitehead agreement. Most notable of these was former Associate Professor David F. Noble, who wrote an article in the Feb. 6, 1982 edition of *The Nation* expressing his criticism. Noble has claimed that his denial of tenure in 1984 was based on this publicized opposition of MIT's decision. The ongoing court battle concerning this matter has yet to go to trial.

The Tech

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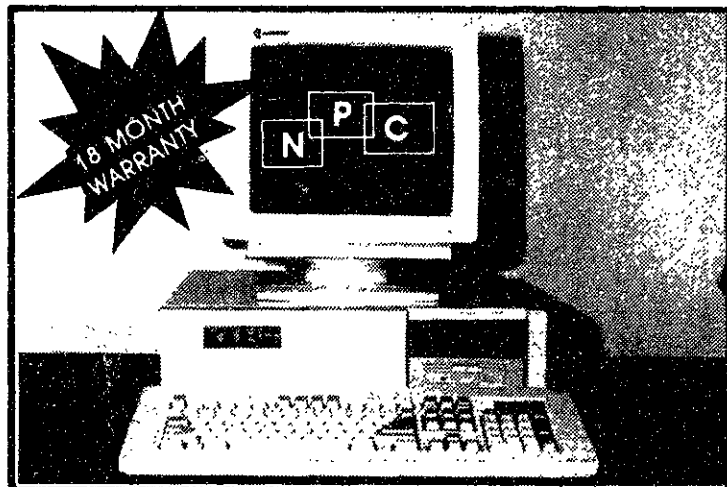
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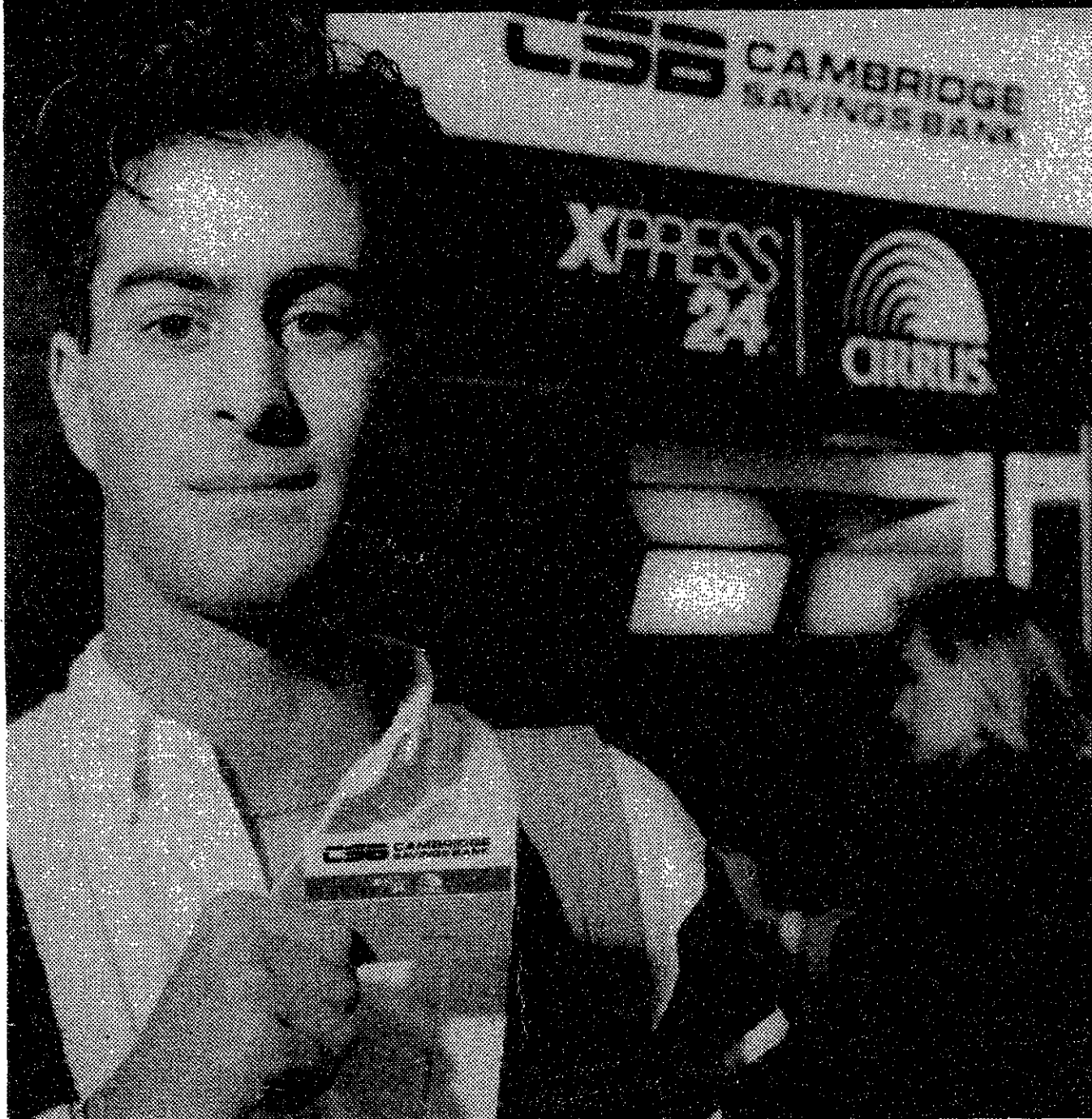
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When and Where?

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Hogwood leads empty performances of Beethoven works

HANDEL & HAYDN SOCIETY
Conducted by Christopher Hogwood.
Piano soloist, Melvyn Tan.
Works by Beethoven and Rossini.
Symphony Hall, Feb. 8 and 11.

By JONATHAN RICHMOND

LAST NIGHT'S CONCERT convinced me more than ever that Christopher Hogwood should be booted out of town. True, the opener, Rossini's Overture to *Il Barbiere di Siviglia*, was stylishly done, deftly and with wit. But the Beethoven which followed was dull, dull, dull. And, worse, it was unmusical.

No performance of Beethoven has a chance of succeeding if the conductor doesn't understand the role of rhythm in Beethoven's music. Hogwood's reading of the *Symphony No. 2* betrayed an emphasis on maintaining the tempi indicated on the score and an ignorance of the structural elements that hold the symphony together and the rhythmic flows which propel it along.

Hogwood is known, of course, as a stickler for what he claims are Beethoven's intended tempi but, when his players are simply incapable of playing at such speeds without their sound coalescing into a goop of mud, he should realize that such heavy-handed pedantry has no point.

The first movement of the symphony sounded formless and, despite its speed, slack. Especially confounding, Hogwood allowed tempi to shift when the going became just too hard. If a conductor is going to insist on maintaining ludicrous tempi, they should at least be consistently followed. Shifting tempi mid-movement destroys any concept of structure the work might otherwise have.

Hogwood's treatment of the *Larghetto* would do nicely as shopping mall music. Done in a matter-of-fact way, it was fine as a piece of "easy listening." But there

was no element of Beethoven present — it was just plain empty. The third movement had its pleasant, if facile, touches, but the concluding *Allegro molto* pointed yet more directly at the sheer lack of discipline in the playing and the lack of leadership from the conductor directing it. Without proper control, the movement became no more than a nondescript and exhaustingly tedious mush. Without any inkling of a pulse, the patient was dead.

The concert ended with Beethoven's *Piano Concerto No. 5*, "Emperor." It was played by Melvyn Tan, a pianist who seems able to play the notes, but not the music.

Tan certainly has a remarkable technique, although the impression he often gives is of a mouse scurrying about on a bed of nails. But there is no emotion to his playing, no variety, and no evidence that he has thought about how the work fits together as a whole.

Tan's monochromatic view of Beethoven precludes the exploitation and development of tensions. There was no sense of elation at Tan's arrival at the opening of the last movement, just more mechanical showing off.

Some of the sounds he made were certainly pretty (although others were jagged). But the "Emperor" is no effeminate work. Even if Tan was using an early instrument typical of the type available at Beethoven's time (and less powerful than a modern concert grand), the composer would have fainted at hearing his powerful harmonies crushed and his mordant rhythms suppressed by the type of charlatantry the audience was forced to endure last night.

As to Hogwood's band, it gracelessly boomed its way through the piece sounding thin and scrappy; sounding, in fact, as if its conductor couldn't care less.

A disgrace.



Melvyn Tan

Note: Christopher Hogwood frequently sounds better on record than live. While his recordings of the Beethoven symphonies with the Academy of Ancient Music are often weak, his recently-released recording of Handel

Concerti Grossi with the Handel & Haydn Society is a delight. His set of the Beethoven piano concertos with Steven Lubin — a far more sensitive pianist than Tan — and the Academy of Ancient Music is also a winner.

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Anderson again shows keen eye with *Strange Angels*

STRANGE ANGELS

By Laurie Anderson.
Warner Brothers Records.

By MARK ROBERTS

THE RELEASE AT THE END of last year of a new album by Laurie Anderson, her first since *Mr. Heartbreak*, was an occasion for some excitement. The woman who first achieved wide fame with the mesmerizing "O Superman" in 1981 has been busy in the interim. She has prepared a new performance piece (which can be seen in the Boston Opera House late in March), that includes some of the material from *Strange Angels*, and has "learned to sing."

The comment offers a clue to the form of the new album. After establishing a distinctive style of delivery in her earlier work that layered her beautiful speaking voice into an electronically distorted tapestry, Anderson decided that she wished to use more traditional musical forms in her new work rather than intoning the words in a spare chant. She took lessons in singing, and the result is striking. A very pure soprano emerges, surprisingly vulnerable compared to the knowing persona so often adopted. Electronic prestidigitation and

speech have not been abandoned altogether, but the overriding impression is that *Strange Angels* is a collection of songs, closer in format to a musical album than any of her previous records.

The quality of the words remains a constant strength of Anderson's work, as does her oblique observational stance. The concerns of the current album, reflecting the shift from technology to traditional musicianship in the performance and production, have become more intimate, more human, and less those of "big science." Where once we were told to "jump out of the plane; there is no pilot. . .," Anderson now sings that "If I were the president. . . I'd give the ugly people all the money; I'd rewrite the book of love — I'd make it funny." The other feature that this album has in common with earlier ones is its musical richness, culling themes and styles from around the world.

The title song is a rolling accordion swirl that pulses along, becoming a jig, while Anderson recounts "one of those days larger than life, when your friends came to dinner, and they stayed the night." One's first thought is not of Anderson as a maker of dance music, but this has such a sure grip on a layering of compelling

rhythms that one is drawn to one's feet by it. "Baby Doll," Anderson's dialogue with her "really bossy" brain that demands to be taken to the ballgame, has been widely heard on the radio already, and it exemplifies a number of features to be found on other songs on the album. It's funny, and it's strange, and beautifully played. But it has some irritating mannerisms. Laurie Anderson comes closer to self caricature here than she has before. To those who dislike her, she personifies a trite, self congratulatory Manhattan arts scene cool. This seems most dangerously plausible when she swoops between her new singing voice and a blustery chat.

It's a pity that "Beautiful Red Dress" also has moments of this as the subject, menstruation, is one rarely addressed in song and the words are strong and subversive. "Well they say women shouldn't be the president/ Cause we go crazy from time to time/ Well push my button, baby/ Here I come/ Yeah look out, baby/ I'm at high tide," is a good verse, but the delivery in this song loses its impact in gimmicky vocal swoopings.

Some of the simpler pieces are the most successful, achieving some of the limpid

beauty that so illuminated *Big Science*. "The Dream Before," a barely orchestrated duet with Bobby McFerrin, sets a parable by the philosopher Walter Benjamin about a "Storm. . . called progress" to a simple tune with a deceptively subtle off-beat rhythm. The last piece, "Hiawatha," shimmers across the confusion of America's broken dreams: "Geronimo and little Nancy/ Marilyn and John F. dancing/ . . . While the King sings/ Love Me Tender." The music takes a sickened lurch, like the drunken guest who has stayed too long at a party. But finally above it rises the angelic voice of Anderson supported by the Roche sisters, singing of "the shining big-sea-water" that beats at the shore of this vast land. Again, Anderson has emerged as one of the keenest eyed scrutineers of the country whose character has been one of her abiding concerns.

I will listen to *Strange Angels* many times, for it is rich in invention and musicality. Where *Big Science* is perhaps best listened to — as one drives at night on the Interstate, through the land it observes, this new album is at home indoors, amidst people. It is a less original and remarkable achievement than that earlier album, but impressive and enjoyable nonetheless.

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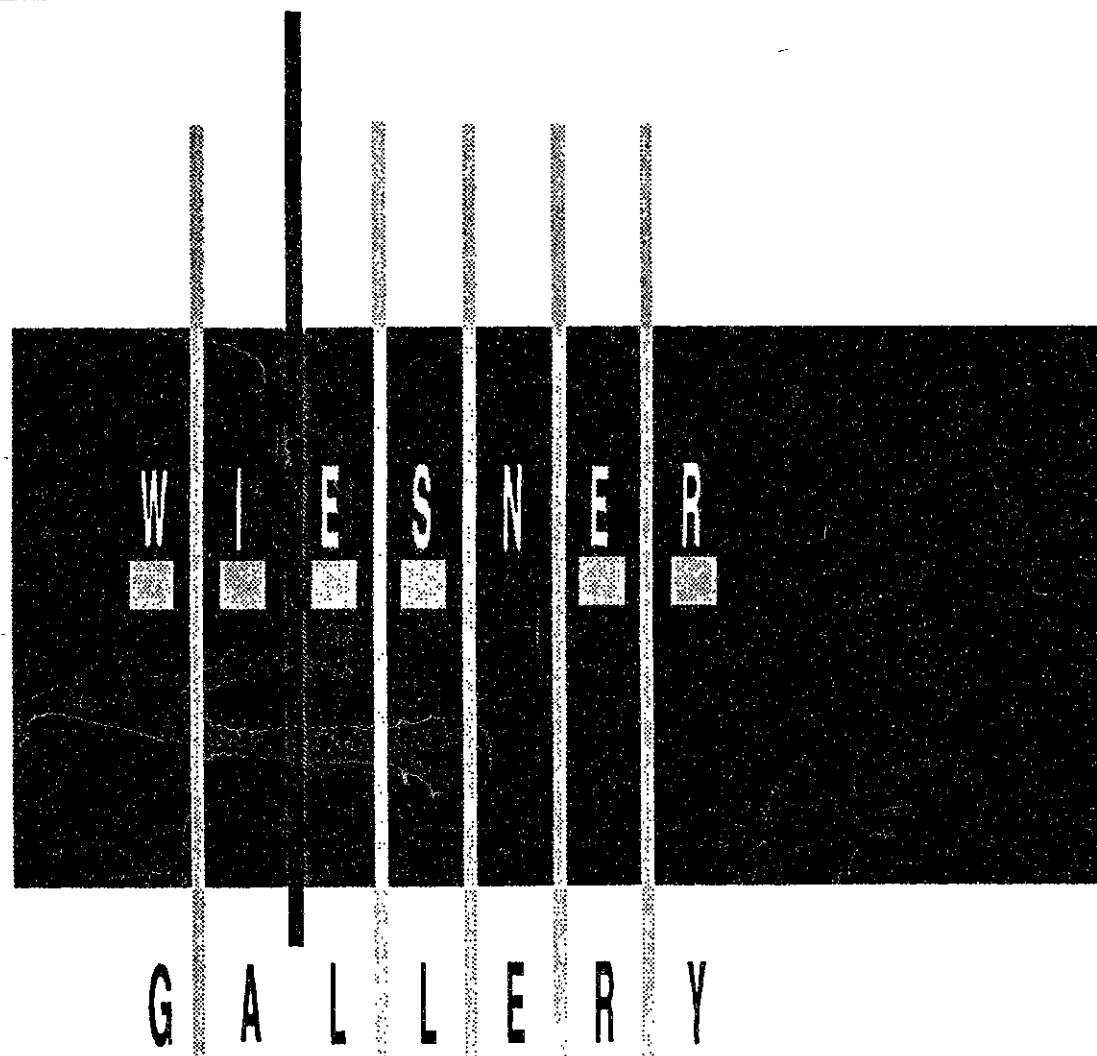
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Dramashop delivers hyperbolic Cloud Nine

CLOUD NINE

Written by Caryl Churchill.
Directed by Jayme Koszyn.
Presented by MIT Dramashop.
Kresge Little Theatre, Feb. 8-10 & 15-17.

By MARK ROBERTS

IN CLOUD NINE, by radical British playwright Caryl Churchill, Dramashop has produced their best recent performance. The play investigates sexual and class repression but is far from being a polemic or tract. The play makes



photo courtesy MIT Dramashop
Jason Satterfield '90, Michelle Perry '89, and Craig White '93

free with conventional structure, so that the same set of characters appear in Act Two in 1979 England as appeared in Act One in 19th century colonial Africa, aged by only 25 years.

Colonial Africa is taken as the epitome of a repressive society, where all the "Victorian values" of chastity and duty are in full effect. Beneath the surface acknowledgment of these values seethes a sea of distress and suppressed passion. The head of the family, after flogging a few stable boys, is seen with his head up the skirt of a local widow; his son and wife both love the heroic explorer, who himself casually goes out to wife away the time before tea with the servant boy in the barn. . . . The scenario is a kind of baroque cartoon version of the British Empire.

The cast play to match. Clive (Babeck Amini '92), the bullying head of the family, was overbearing and loud. Betty (Peter J. Parnassa '90), his wife, was particularly manic, straining and twitching with the energy of someone forced to sit all day and "wait for men." The two handled their exchanges together well, the one hearty, the other brittle: "Were you all right today, dear? No hysteria, no fainting?" "Yes, thank you, I was very tranquil."

The finest performance was given by Michelle P. Perry '89, as the little boy, Edward, who "finds it very hard to be all a man should be," preferring dolls to the

soldierly pursuits his father encourages him in. Perry used the surreptitious sideways glances of the child to good effect in her scenes with Craig E. White '93, playing Harry the explorer, whose bed Edward longs to run to.

The production as a whole showed signs of good direction. Jayme Koszyn kept pace and precision throughout the action, which is sometimes farcical. One of the finest pieces of business was the slow retreat that Clive makes from Harry. This occurs after his hymn to the joys of "friendship between men" has been mistaken as a paeon to homosexuality where, using a succession of chairs, big and little,

like those of the three bears, he erects barricades between them. The major drawback of the direction was that it left too little to be picked up by the audience on their own, preferring to draw attention to all ironies and hypocrisies in exaggerated expressions or tones of voice.

In the second act, the structure of the old society has collapsed, but the characters still entrap themselves in stereotypical behavior. Betty, the wife, reappears, now played by Joanna L. Kulik '92. She proves to be in some ways the most admirable character of all, rediscovering the self that was so long suppressed in service to husband, queen and empire.

Cat on a Hot Tin Roof cast do justice to Williams

CAT ON A HOT TIN ROOF

Written by Tennessee Williams.
Directed by Howard Davies.
Starring Kathleen Turner, Charles Durning, Polly Holliday, and Daniel Hugh Kelly.
At the Shubert Theatre through Feb. 25.

By ANDREA LAMBERTI

IT IS A HOT SUMMER NIGHT in the South, and the electricity of the approaching storm is like that of the anxious family. Everyone is gathered to celebrate Big Daddy's 65th birthday, and the mood is especially high because of the latest report from the doctor of his improved health. The family's true emotions are hidden just below the surface, like the rumblings of a thunder storm in the distance. . . .

Kathleen Turner stars as the tempestuous Maggie, and Daniel Hugh Kelly plays her sullen, alcoholic husband Brick, in the production of Tennessee Williams' *Cat on a Hot Tin Roof* currently at the Shubert Theatre. The performance is carried by Big Daddy (Charles Durning), Big Mama (Polly Holliday) and Maggie.

Durning adeptly fills the role of Big Daddy — a man whose family is greedily anticipating his death from cancer. Big Daddy's booming voice and frank aspect emphasize his intolerance toward his greedy son, Gooper (Ray Gill), and Gooper's wife Mae (Debra Jo Rupp), who are waiting to obtain his wealth.

Holliday (probably best known as Flo on *Alice*) is strong as Big Mama, a bustling busybody who has cheerfully submitted to the rules of society for her whole life: She won't admit that certain members of her family don't love each other. She maintains her facade of cheerfulness and ignorance to the wicked ways of the world until the final act, when she learns that

(Please turn to page 13)



Kathleen Turner

Jayme Koszyn discusses sex and breaking boxes in Cloud Nine

JAYME KOSZYN

An interview with the director of MIT Dramashop's Cloud Nine.

By AARON McPHERSON

CLOUD NINE IS DIRECTED by Jayme Koszyn, who works locally in Boston and has worked in Washington, DC, and in New York City. She is currently employed as a Literary Associate at the Huntington Theatre Company, responsible for the research and written materials provided to artists working at the theater.

* * * * *

Who is Caryl Churchill [the author of Cloud Nine]?

She's considered one of the foremost women playwrights in Britain. One of the most interesting things is the way she works, and the way in which *Cloud Nine* was created. She helped found, or is one of the leaders of, a theater company called the Joint Stock Company. The way that the company works is that they will come up with an idea that they find fascinating, and then the actors will go out into the

community and work in the world of that idea that they're creating. Churchill takes all the actors' material and for a period of time she structures the play, shapes it, and then writes the play. For *Cloud Nine*, the Joint Stock Company, Churchill, and the director got together and they decided to explore the ideas — especially personal and subjective ideas — that the actors had about sexuality, gender, and the relationship between sexual oppression and colonial oppression.

Can you describe the characters a little? It seems it's a very character oriented play.

It's a very political play. And it's a very personal play. The play has very needy yearning, hurting characters. Every single one of them is in bad shape. The reason they're in bad shape is that there is the tension between a kind of box that everyone operates in, a way that everyone is supposed to behave. You're the "good daughter," you're the "doting wife," you're the "slave," you're the "master," you're "straight," and everyone tries to operate within these very strict parameters. What Churchill has done is put these people in boxes in the strongest societal

(Please turn to page 17)

The Tech Performing Arts Series presents. . .

PRO ARTE CHAMBER ORCHESTRA

The Pro Arte Chamber Orchestra's second concert of the new year, to be conducted by Craig Smith, will be a performance of Stravinsky's *L'histoire du soldat* with narrators Sue Ellen Kuzma and Drew Minter. The Walton *Façade* will also be presented.

Sanders Theater, February 11 at 8 pm.

MIT price: \$5.

CLEVELAND ORCHESTRA

The legendary Cleveland Orchestra returns to Boston. Program: Mahler, *Adagio from Symphony No. 10*; Schoenberg, *Concerto for Piano and Orchestra*; Schubert, *Andante in B minor*; Mozart, *Symphony No. 41 ("Jupiter")*. A Bank of Boston Celebrity Series event.

Symphony Hall, February 21 at 8 pm.

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Selections from the Beethoven cycle include: *Quartet in E flat*, *Quartet in G*, and *Quartet in E minor*. A Bank of Boston Celebrity Series event.

Jordan Hall, February 23 at 8 pm.

MIT price: \$6.

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MAURIZIO POLLINI

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PROGRAMS:

February 11: (described above)

March 31: *"Peter vs. the Wolf,"* conducted by Jeffrey Rink, music by Sergei Prokofiev with an adaptation by Justin Locke.

April 29: Bach's *Mass in B minor* with the Back Bay Choral. Beverly Taylor, conductor.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. Office hours posted on the door. Call x3-4885 for further information.

The Tech Performing Arts Series, a service for the entire MIT community, from The Tech, MIT's student newspaper, in conjunction with the Technology Community Association, MIT's student community service organization.

French & Japanese exhibits reveal societal influences

WHEN THE EIFFEL TOWER WAS NEW: FRENCH VISIONS OF PROGRESS AT THE CENTENNIAL OF THE REVOLUTION

At the MIT Museum.

Continues through Feb. 25.
Tuesday-Friday 9-5 and
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AGAINST NATURE: JAPANESE ART IN THE EIGHTIES

At the List Visual Arts Center,
MIT Wiesner Building E15.

Continues through Feb. 18.
Weekdays 12-6 and weekends 1-5.

By AARON McPHERSON

PARIS IN THE '80s TO '90s was not that long ago, but as one looks at the posters, prints, and photographs in the exhibition at the MIT Museum, they seem to be from another world entirely. The viewer immediately feels the power and energy of a culture alive with purpose.

The pictures of Paris' 1889 World's Fair, for which the Eiffel Tower was constructed, portray marvelous works of engineering, considered near miracles by the people of the day. New methods of printing had made the color poster a practical means of mass communication, and the development of techniques for combining photographs with text on the newspaper page was transforming journalism. In 1889, the pictures of the Eiffel Tower were engravings made from photographs. By 1900, only 11 years later, the photographs themselves were appearing on the pages.

In France, art and technology were firmly intertwined, component parts of one glorious culture. Technological innovation was not something that happened by chance: It was a central goal of the society. In 1871, France had lost the Franco-Prussian War to Germany, and although the reparations were completed by 1875, the sting of defeat spurred the French to greatness. France hosted two world's fairs, extravaganzas of architectural, artistic, and industrial achievement.

Militarism flourished, with the armament manufactories competing to produce ever more deadly weapons for the protection of France. The famous architect Louis Bonnier devised a pavilion for the Schneider Manufactory at the 1900 World's Fair that looked like a massive gun turret. An original drawing of the pavilion by Bonnier himself is on display, depicting a fearsome domed structure, with thick vapors rising from the massive dual smokestacks, a searchlight projecting from the pinnacle, and guns bristling from the edges of grimacing windows. In 1914, with the commencement of the Great War, the

Schneider ideal would lose all its luster. In 1900, however, it symbolized a society on the move, on its way to preeminence in the world.

There is giddy excitement in the French art of the period, like what a child feels at Christmas. Posters loudly proclaim the virtues of the bicycle, the motion picture, and Borax, usually with the aid of scantily clad women. Individualism and diversity are simultaneously promoted. One advertisement for Peugeot bicycles shows a broad cross-section of people (all men) avidly reading an announcement of success in a cross-country race.

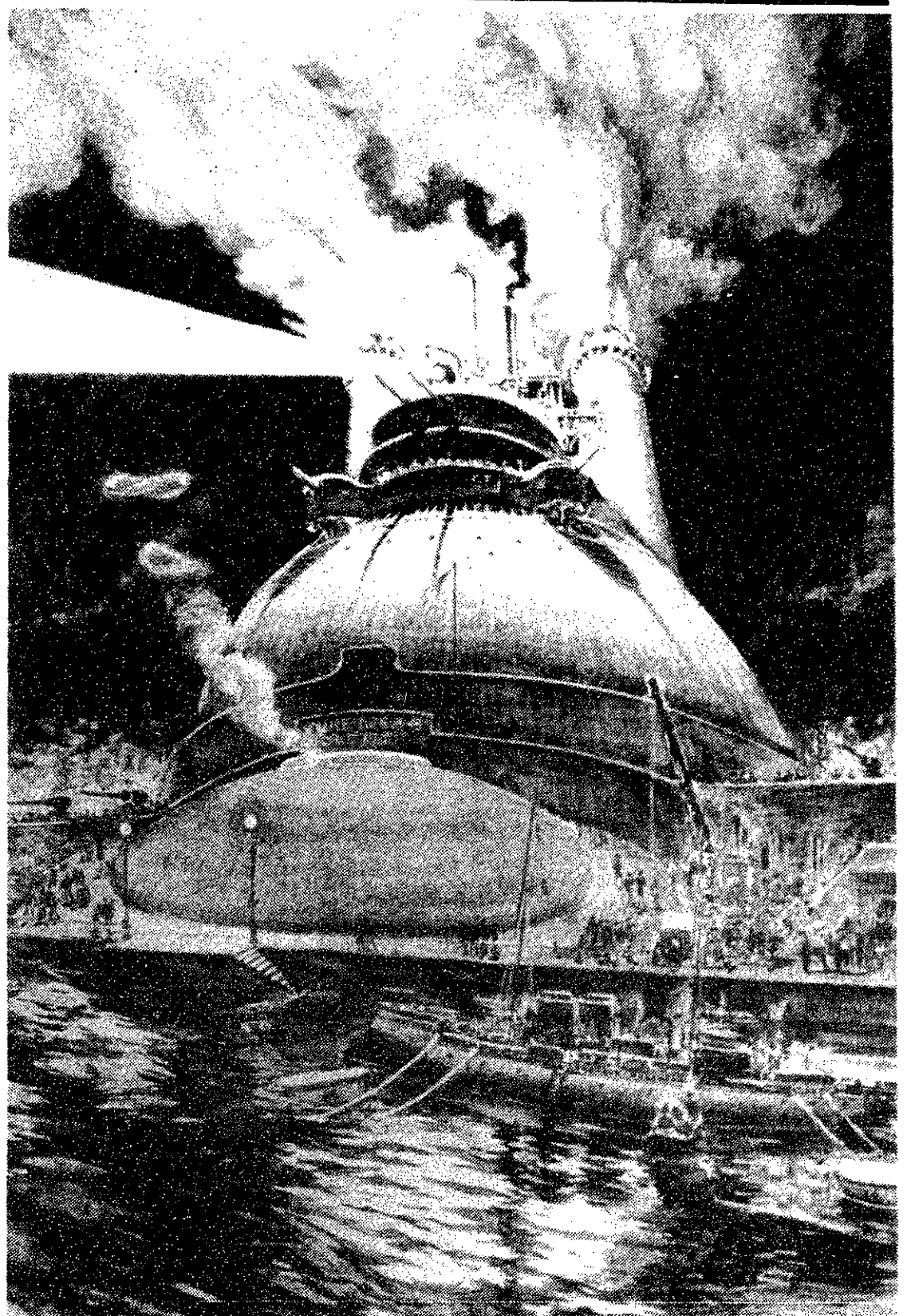
French art of the 1890s glorifies reality, and makes only half-hearted attempts to examine life critically. Of course, we are focusing specifically on "visions of progress," and yet there is still a peculiar innocence about the show. Gas heating and lighting is portrayed as clean and elegant, although an ad for a Tobler gas regulator shows, through its depiction of an exploding, non-regulated lamp, that gas could be dangerous as well. However, the use of a beautiful woman in a sheer floral dress to point out the regulator certainly does not draw one's attention to its mechanical nature. Machines were frequently portrayed alongside women, to make them softer and less threatening.

* * * * *

AT THE LIST GALLERY, the work is protean, savage, and gaudy: Yet it also comes from a country built on technology and progress. *Against Nature* shows a deep ambivalence in the Japanese spirit over what is happening to their country. All of the artwork rejects the traditional Japanese emphasis on harmony with nature, on pastoral scenes done in the classic, two-dimensional style.

Shoko Maemoto's "Silent Explosion," one of the most disturbing works in the exhibition, is a blue, glittering hoop dress whose front has been torn open to release a torrential flood of molten lava, or blood. Behind the dress, flames shoot up to the ceiling against a background of molten green, purple, and blue. The dress is empty, as if its occupant had exploded, leaving only a hopeless, hollow shell. It is art as frustration.

Shinro Ohtake builds giant wall displays of lacquered wood, with photographs arrayed in countless rows around patches of paint and burned white cloth. He assembles scrapbooks crammed with news clippings, ads, cartoon, photographs, leaves, and painted drawings, culled from the blaze of media communication that surrounds him. Far from joyful or light-hearted, the work conveys overload, mad-



ness, and complete loss of direction. The Japanese, he seems to say, cannot enjoy their wealth, because they have no concept of where they are going. All they know is that they cannot go back.

Tatsuo Miyajima's "Monism/dualism" is a tall stack of numeric LEDs on their sides, twisting coldly in exacting combinations, counting forever to an unknown end. It communicates a feeling of life out of control, of people moving machine-like through their paces. Ironically, for all their precision, Miyajima's numbers are meaningless. They constitute a rather despairing view of the world, one that does not see much worth in the present system, and offers no hope of better times to come.

Threat is part of the scenery in "Pleasure Life," a piece by Japan's Dumb Type performance ensemble. They have constructed a gridded floor, on which are placed light stands with circular, fluorescent tubes and rotating, clear plastic discs

which blink on and off to a pre-determined pattern. Video monitors recreate the performance, in which life is presented as a stream of information, fed to people in orderly fashion, but without intelligence. The actors on the screen move like robots, then suddenly scream and run across the stage without warning. Again there is a feeling of pent-up frustration, of a need to reassert one's humanity in the face of so much order and perfection.

* * * * *

Amid the muddy trenches of World War I, France's great society met its end. There is more hope for the Japanese, if only because they can see the dangers inherent in their success. By breaking with tradition, and insisting upon the creation of a modern artistic tradition that is uniquely Japanese, they hold the promise of even greater magnificence to come. The brilliance of the French is their, and our, inspiration.

Kathleen Turner bristles as Maggie in Williams' Cat on a Hot Tin Roof

(Continued from page 12)

Big Daddy really does have cancer. Then her tears flow and she no longer treats her sons equally, showing bias toward Brick.

Brick is unabashedly loved by all except his brother Gooper, Mae, and their five "no-necked monster" children. Kelly's restraint as an actor contributes to Brick's

aloofness and affected indifference to his family and their "mundanity." Gill and Rupp are successful as the whining in-laws who continually refer to Brick's alcoholism and Maggie's lack of children.

Maggie says in the first act that she is as skittish as a cat on a hot tin roof, nervous and wound up because Brick refuses to sleep with her. Turner bristles in her role, and is well-suited for the feisty Maggie. Her best acting is done in the first act, when the stage is primarily devoted to her and Brick. Turner's performance does not outshine that of the other players, though; the cast and strong direction make for an exceptional show.

When all of the elements of the production come together on stage, the result is much more powerful than from just reading the play. Williams' talent as a playwright shows through with his delicate timing of events. Director Howard Davies beautifully handles the overlapping of events: The children's abrupt entrances on their elders, popping cap guns and screaming into the night; the "fireworks" exploding behind the weeping willow trees and the thunder from the storm; and Big Daddy's moans of pain during Maggie's announcement that she is pregnant. All are evidence of a tight production.



Charles Durning



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ARTS

Director discusses societal boxes in Churchill's Cloud Nine

(Continued from page 12)

box of all, Victorian England, and the struggle and central conflict of the play is between the true selves of these people, trying to break through the box. That struggle is very violent in some respects.

You have the son, Edward, who wants to be a girl, and is actually played by a girl, constantly fighting between trying to be a good little master's son and wanting to make love to Uncle Harry. Betty, who is supposed to be a kind of canine creature for her husband and do everything he says and do everything her mother says, has unbelievably potent sexual passions. [There are only two people], Maud, the mother of them all — who represents, I suppose, Queen Victoria — and Clive, the white, upperclass British male, whose true selves are their boxes. So, in a sense, they're the most frightening characters of all.

The way this translates into Act Two [where the setting changes to contemporary England] is that although society seems to be less box-like, the characters have traded one box for another. There is a gay relationship in Act Two, which there could never have been in Act One. Yet their relationship is so characterized by the principles of dominance and submission — just like a stereotypical heterosexual relationship, where one is playing the wife and one is playing the husband — that they operate within Chinese boxes, hop-

ping from one to another. How much do you think these "boxes" are the creation of other people, their expectations, and how much do you think



photo courtesy MIT Dramashop
Joanna Kulik '92 as Betty

it's an attempt to achieve any self identity? I think that people are mainly put into boxes by other box people. Clive actually says that boys aren't supposed to have feelings. But I think what happens is (this is what is so scary about Act Two) that even when you no longer have a master-slave construct, even when you have Victoria and Line, who are completely different classes — not only are they women, but they're lovers, they traverse class lines and straight-homosexual lines — the boxes become internalized.

The way the box activities were initiated is you are put into the box by your parents. The theme of parents and children in this play is extremely significant. Not only the relationship between parents and children, but how children then duplicate their parents' boxing them. . . . It's especially a big theme in Act Two, because it's all about parents and children, and even metaphoric parents and children. . . . Once you get out of the box, life is very scary. What happens in Act One is that when people are behaving the way they're supposed to behave, everything is very funny and interesting and quirky and campy. But then as soon as people start revealing their true selves, things get darker. Facing the true self is not easy.

I think that the notion of the "cloud" — the reason that the play has the title that it does — is that, at least in Victorian England, the structures of the box are very

clear. It's a very bleak vision, even though the play is a comedy, and is very funny. In Act Two there's a sense of limbo, of this cloudiness — for example, no one knows how to characterize the role of women. Women have been trained now to have careers, and that they're not fulfilled and that they have to feel guilty if they stay at home and raise children. There's a sense of limbo, like "wasn't it easier when you just followed your man where he moved, and you always did a certain thing and acted a certain way."

How has it been, working at MIT? What do you think is special about students, as opposed to professional actors?

Directorially, it's a completely different experience. The focus has to be different, because when I'm directing professional actors, who are [constantly working] on their craft, I depend a lot on the actors making their choices, and then working with their ideas. With students, it's more of a collaboration. I give more guidance than I would with a professional actor. What I love about working with students is that they have so much energy. They have so much enthusiasm. I think those two words are the key to a successful rehearsal atmosphere.

(Aaron McPherson '89 served as IAP campus arts coordinator for the MIT Office of the Arts, which arranged this interview.)

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Nuclear
Aeronautical
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What?

Technical Managers will provide information on career opportunities within the General Electric Company in such fields as:

- Artificial Intelligence
- Expert Systems
- VLSI
- Robotics
- CAD/CAE/CAM
- Computer Graphics
- Semiconductors & Microelectronics
- Plastics
- Metallurgy
- Ceramics
- Software Engineering
- Signal Processing
- Controls/Automation
- Aerospace Systems
- Medical Diagnostic Imaging Systems

Various career entry paths from MIT to GE will be discussed. These include Development Programs as the:

- Edison Engineering Program
- Manufacturing Management Program
- Chemical-Metallurgical Management Program
- Software Technology Program
- Information Systems Management Program
- Research Technology Program

When and Where?

Wednesday, February 14 (7 - 9 p.m.)
Building 4
Room 163

What else?

Light refreshments and handouts.

The future is working at General Electric



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W

ould You Like to Add Anything?

There are opportunities to work with our teams in Applications, Systems, Networking, and Multimedia. If you are about to graduate with, or are working towards, a Bachelor's, Master's or PhD degree in Computer Science, Electrical Engineering, Math, Physics, or related technical degree, then we want to hear about your microcomputer programming experience, design skills, and/or exposure to managing projects.

Microsoft will be interviewing on campus for Software Design Engineers and Program Managers on:

February 28, 1990

See your Career Planning and Placement Office for more details.

"Microsoft has the best summer intern program I've ever heard of. Interns get to work on real products and have real responsibility. In my four summers as an intern, I have gained invaluable real-world experience, things you can't learn in school. This summer I worked as a software developer for OS/2 Presentation Manager Excel, optimizing vital parts of the spreadsheet. In past summers, I wrote parts of Word, Mail, and internal tools. I've led meetings, worked with a Vice-President of another company, and yes, even talked to Bill Gates. You can get a summer job in a lot of places, but few can walk into an office or store, point at a top-ten product and say, 'I helped write that!'"

George Hu
Software Design Intern
SB MIT (6-3) 1989

"As a Program Manager, I run my own show. I define the desired product, determine the needs of the developers, then work with marketing to distribute the product all over the world. I interact with major corporations, design documentation teams, courseware developers, and actually program to customize our product. I can't imagine having the freedom and impact I enjoy here being offered at other companies."

Bill Johnson
Program Manager
MIT BS (16) 1938

"MIT is intense—so is Microsoft. MIT taught me how to think—Microsoft taught me how to program.

There's always a lot of challenge; we create better products with fewer people than anyone else. That means we use only the best people. Nothing matches the ego rush of shipping a product that all the magazines talk about and people love, and that opportunity exists at Microsoft.

My position at Microsoft involves working with a number of projects, rather than being assigned to just one. My focus is on what I consider the essence of computer science to be; making the code better (faster, smaller and bug-free). Code is where the action is, and Microsoft let's me be at the heart of it."

Doug Klunder
Software Design Engineer
MIT SB (6-3) 1981

"Working in Advanced Technology, I got to work on some very exciting projects that my manager chose specifically to match my interests in computers. I spent most of the summer working on a simulator that Microsoft will use for in-house decisions and to influence microprocessor design. I read papers and was kept informed on proprietary information about future microprocessors that Microsoft was exploring. I was even flown to SIGPLAN and had the opportunity to meet with prominent architects. I would have been bored with straight coding, so I'm glad my job involved so much thinking and learning."

Ellen Spertus
Software Design Intern
MIT (6-3) 1990

Microsoft

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**HARDCORE
SOFTWARE**

GRADUATE STUDENT and POSTDOCTORAL PARENTS SUPPORT GROUP

A new support group is forming for graduate students and postdocs who have children. Meetings will offer an opportunity to exchange information and ideas about the unique issues facing student and postdoc parents.

For further information, or to register, contact either co-leader: Dawn Metcalf, Social Worker, Medical Department, Rm E23-344, 253-4911, or Rae Goodell, Coordinator of Parent Programs, Child Care Office, Rm 4-144, 253-1592.

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- Artificial Intelligence Specialists

**ON-CAMPUS
INTERVIEWS
MONDAY,
FEB. 12, 1990**

**SRA
CORPORATION**

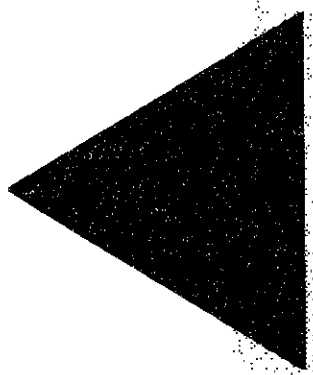
SRA offers a comprehensive range of benefits and employee welfare programs including paid vacation and holidays; health, dental, and disability coverage; 401K Plan; educational assistance; employee assistance program; paid life insurance; fitness programs; and paid parking.

We seek exceptionally talented, creative, team-oriented individuals who have a strong desire to succeed. There has never been a more exciting time to join SRA. Visit your Placement Office to sign up for ON-CAMPUS INTERVIEWS. Or, send

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When it comes to charting your career path, Mentor Graphics Corporation has some challenging designs for your future. Because we've changed the way the world designs. As the recognized leader in Electronic Design Automation, our software tools lend the productivity of design automation to the entire product design cycle—a total integrated system. Our engineering teams work in a seamless design environment, from architectural design to prototype test. And we are continually opening windows to new opportunities for breakthrough achievements. At Mentor Graphics, we have a commitment to stay ahead of design automation technology. For you, that means being a frontrunner with us.

If you possess an MS or PhD in Computer Science, Computer Engineering or Electrical Engineering with a CS emphasis, come talk to us about joining our team:

ON-CAMPUS INTERVIEWS
Thursday and Friday
February 22 & 23

Company Presentation:
Wednesday, February 21
Room 4-149
7:00 p.m. - 9:00 p.m.

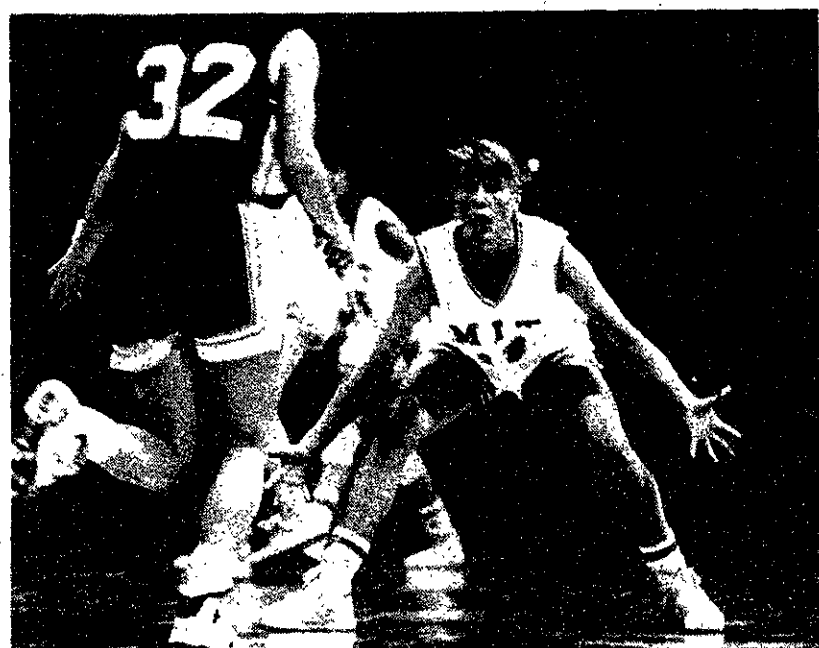
Schedule your interview through Career Planning and Placement. If you cannot attend, please send your resume to: Professional Staffing, Mentor Graphics Corporation, Dept. C1000, 8500 S.W. Creekside Place, Beaverton, OR 97005-7191.

With locations in Beaverton, Oregon and San Jose, California, Mentor Graphics is the world leader in the EDA industry. Our strength enables us to offer the best of benefits and the broadest of opportunities. We are an equal opportunity employer committed to affirmative action.

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sports



William Chu/The Tech
Susan Ward '92 keeps up the intensity in last night's game against Worcester Polytechnic Institute. MIT's victory over WPI was a close 54-44.

Upcoming Home Events

Friday, February 9

- 4:00 Wrestling v. WNEC
- 4:00 Squash v. Bowdoin
- 8:00 Squash v. Fordham

Saturday, February 10

- 1:00 Indoor Track v. Bowdoin & SMU
- 2:00 Men's Basketball v. Suffolk
- TBA Volleyball MIT Invitational
- TBA Fencing v. Penn & Hunter
- TBA Squash v. Wesleyan

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Valid at Participating Stores Only

BUY ONE, GET ONE FREE

Purchase any size pizza after 10:00 p.m. and receive the second of equal or lesser value

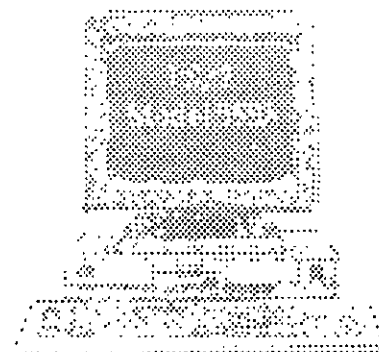
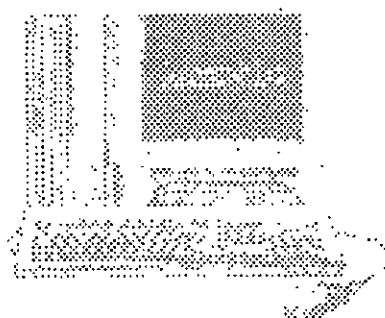
FREE

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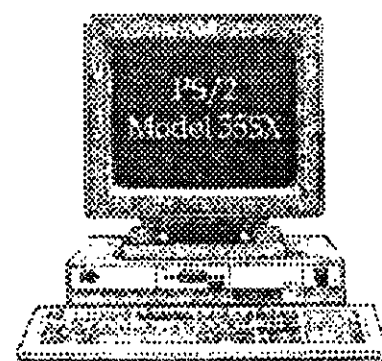
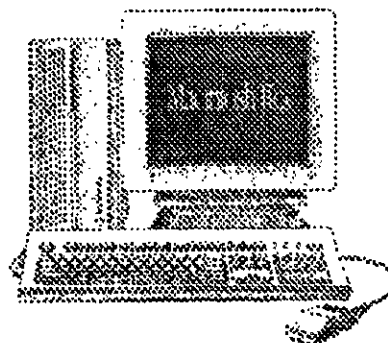


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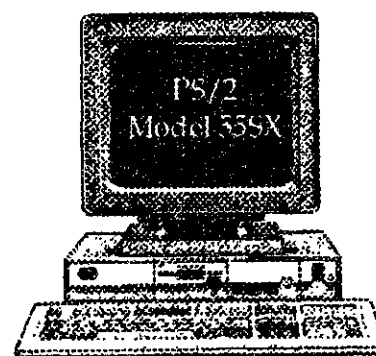
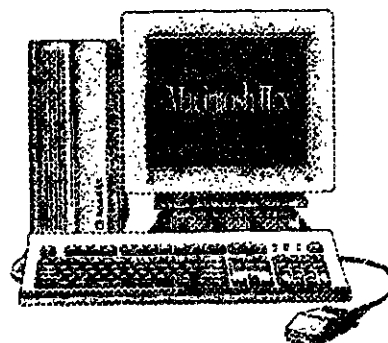
A Computer Doesn't Have to be Just a Fantasy!



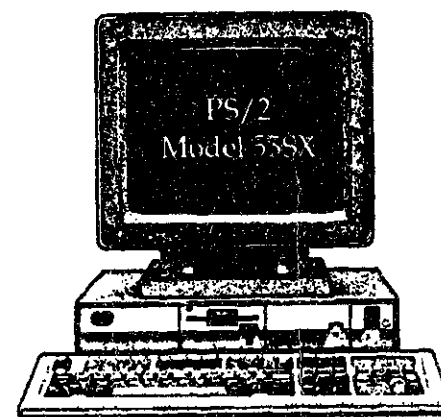
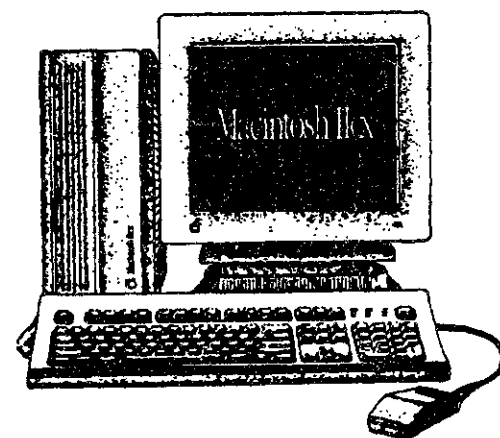
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Beginning to get the picture?



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Bankers Trust invites you to a Night
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Come meet with our representatives
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**UNDERGRADUATE
NIGHT BEFORE
PRESENTATION**

**Monday,
February 12, 1990
6:00 - 8:00 pm
Room 4-149**

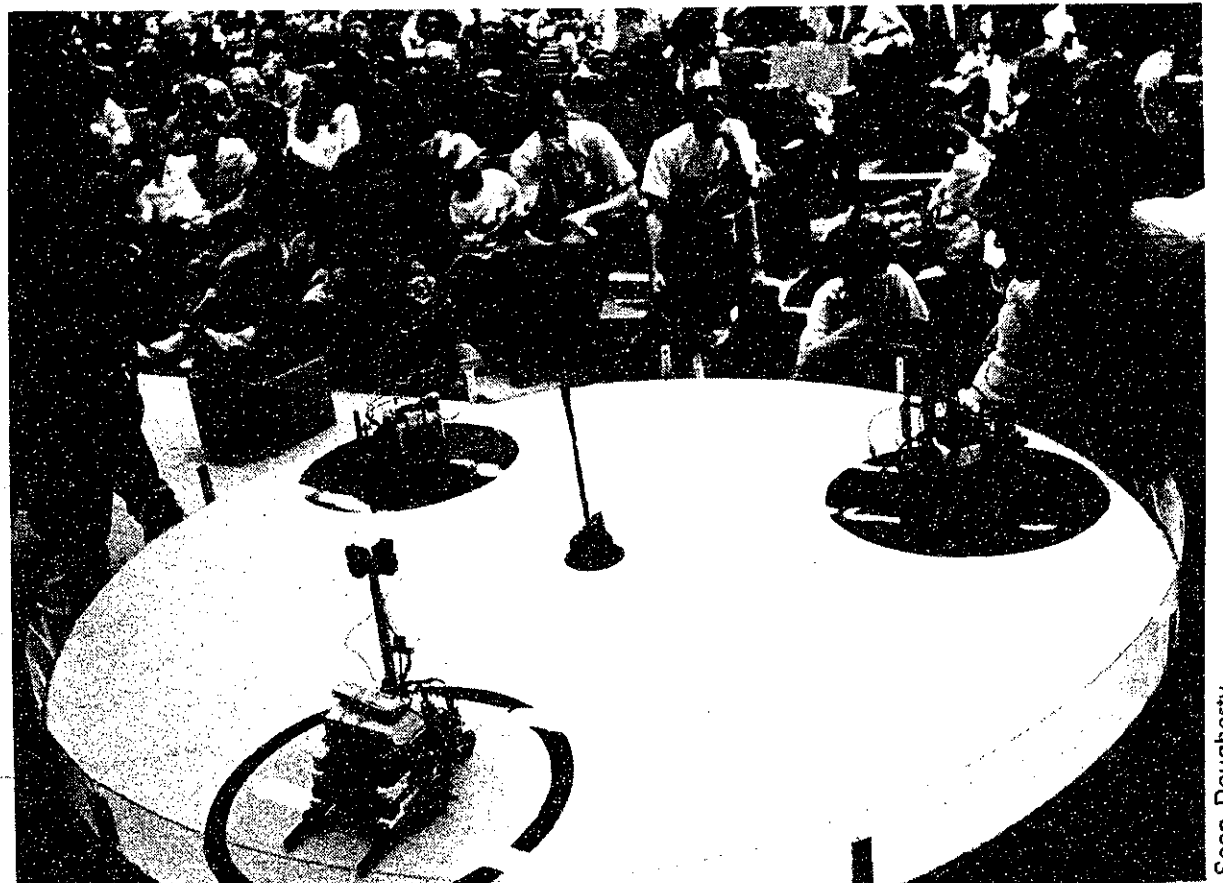
All students interviewing on February 13 must attend

RoboPuck

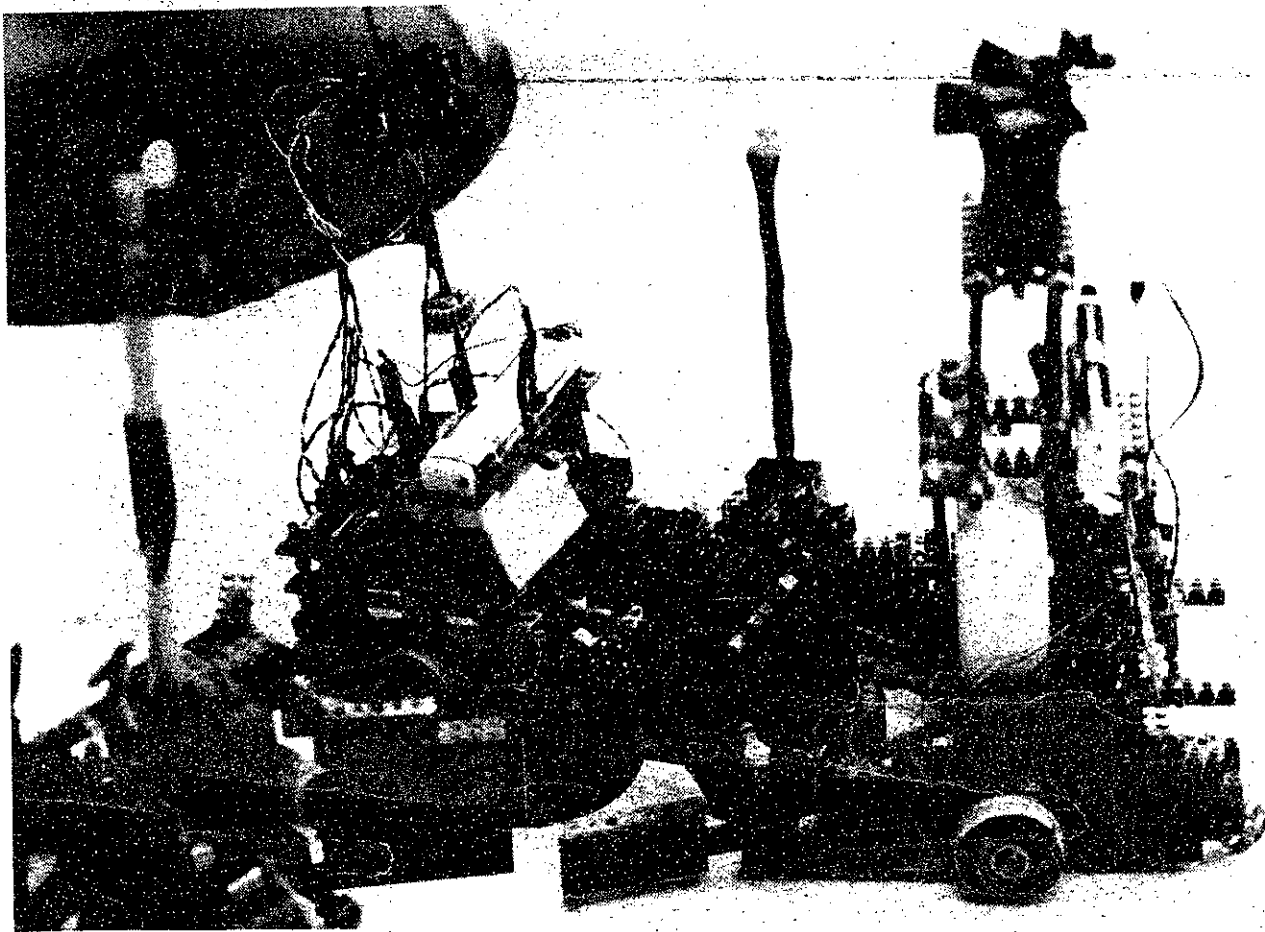
Six Appeal's Fourth Annual "6.270 Contest"



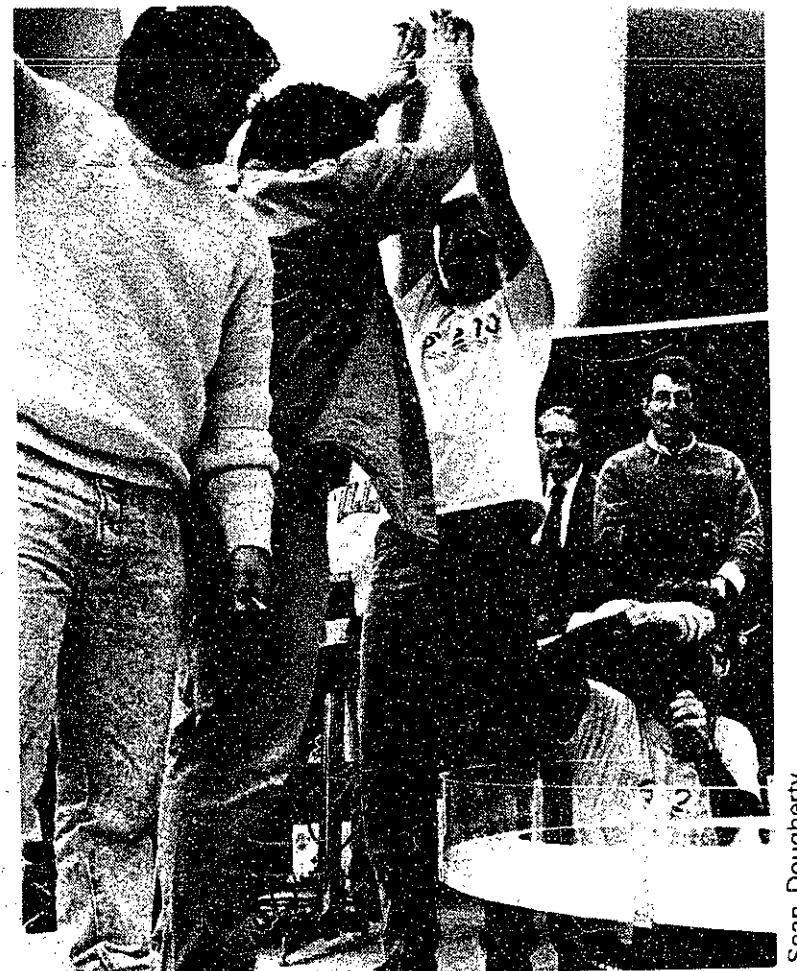
Ken Church



Sean Dougherty



Ken Church



Sean Dougherty

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8:00 p.m.

MIT

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We have openings in all departments, including:

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- **Sports**
- **Photography**
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- *Opinion*

If you've worked on a newspaper before, we would love to meet you.

If you haven't, we would love to help you learn.

No matter what, though, we'll be happy to feed you.

So come and see MIT's oldest student activity tomorrow, or any Sunday, Monday, Wednesday, or Thursday night of the term, in room 483 of the Student Center. For more information, call us at 253-1541.

Open House — tomorrow at 3 pm,
room 483 of the Student Center