

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Rain, drizzle, 44°F (7°C)
Tonight: Chance of drizzle, 38°F (3°C)
Tomorrow: Partly cloudy, 50°F (10°C)
Details, Page 2

Volume 120, Number 31

Cambridge, Massachusetts 02139

Tuesday, October 31, 2000

Tosci's Could Close Student Center Shop

High Rental Charges, Location Are Factors

By Mike Hall
NEWS EDITOR

Toscanini's may leave its Student Center location after receiving an eviction notice from MIT Real Estate. The ice cream shop is about three months or \$13,000 behind on its rental payments.

Tosci's owner Gus Rancatore said that he would not contest the notice because his business cannot afford its rent. Under the current rental arrangement, Tosci's pays MIT 13 percent of its gross sales, or about \$4,500 a month. Rancatore said that 8 percent is the industry standard.

"We cannot continue to pay rent at this rate," he added. "We would like a different arrangement."

While Tosci's MIT shop generates about as much revenue as its shops in Harvard Square and Central Square, it has traditionally lagged behind the other locations in profitability because of the higher rental costs.

Rancatore said that the cost, combined with weak summer sales because of moderate summer weather, made him reconsider the viability of keeping the MIT shop open. A hearing on the dispute is planned for Nov. 9 in a Cambridge district court.

Competition, location hurt business
In an interview with *The Tech*,

Rancatore said that Tosci's location in the Student Center hurts business during IAP and the summer session. "Monday to Friday, when school in session, the store does pretty well," he said. "But it's not busy during non-academic time. It ends up being a store where we don't sell enough ice cream." He added that the shop's distance from Boston discourages business from MIT's Boston FSILG members and residents.

Rancatore also said that competition against other MIT food outlets hurts the shop's profitability. While other MIT shops have non-competition agreements, he said, Tosci's has none to protect its offerings of ice cream and coffee. "Aramark has a monopoly," he said. "Every three years, we wait for it to be revised."

He added that the Dome Cafe in particular came into direct competition with Tosci's coffee sales, hurting business. After the Dome Cafe opened, customers "didn't need to cross the street to get cappuccino," he said.

In discussing future plans, Rancatore suggested that MIT run the Tosci's seating area while Tosci's operates an ice cream counter. The suggested setup would be similar to

Tosci's, Page 10



KARLENE R. MASKALY—THE TECH

The ceremonial shoveling marking the groundbreaking for the new Sports and Fitness center, nicknamed the "Z Center," took place on Friday. Among those participating in the ceremony were President Vest, Chancellor Bacow, and several student representatives.

Athletics Construction Commences

By Rima Arnaout
NEWS EDITOR

In an effort to update and expand athletics facilities on campus, MIT finally broke ground on a new athletics center Friday after a year's delay.

The official name for the building will be the Al and Barrie Zesiger Sports and Fitness Center, in honor of their \$20 million dona-

tion to the project, announced at the groundbreaking.

The new sports center is due to open by July 2002, and will be located on the courtyard between the Johnson Athletics Center and Du Pont Gymnasium.

"It was a terrific event," said Dean for Student Life Larry G. Benedict. "This is just a major, major investment in the future of

student life, as well as for faculty and staff. To see the Institute and friends and alumni step forward and invest in such an important facility is just very exciting."

The Zesiger Center "is going to provide almost unlimited fitness opportunities for the entire MIT community," said Roger F. Crosley,

Athletics Center, Page 19

City Council Discusses Library Move

By Shankar Mukherji
STAFF REPORTER

The Cambridge City Council met with citizens yesterday evening to discuss the possible relocation of

the Cambridge Public Library's Main Branch to Central Square. The controversy surrounding the potential move has been building since 1994, when the \$30 million to

\$38 million proposal was first put forward.

The controversy over the location of the public library system's main branch is centered on the issue of accessibility versus community impact.

Critics of the library's current location on Broadway claim that the 12 to 15 minute walk from the Harvard Square MBTA station discourages those who would otherwise use the library facilities from doing so.

"Equal access to the new main library [will] create a new heart to the city," said Cambridge resident Fran Warder.

Fellow resident Nancy Nye echoed Warder's sentiments, saying, "There is fast access [to Central Square] by bus and subway."

Those opposed to the building of a new main branch on the site of 65 Prospect Street based their arguments largely on the claim that the new building is not only unnecessary but that the library system would be worse off in Central Square.

"There is absolutely no reason

Public Library, Page 20

Dirk J. Struik

Professor Emeritus Dirk J. Struik died on October 21 at the age of 106.

Struik was an acclaimed mathematician and part of the mathematics faculty at MIT from 1926 until 1960. Born and raised in the Netherlands, Struik obtained his doctorate in 1922 from the University of Leiden. He continued his research at the Technical University in Delft, and later in Rome and Gottingen with a Rockefeller Fellowship. He worked with many prominent mathematicians of the time, including MIT professor Norbert Wiener.

Weiner offered Struik an opportunity to lecture in mathematics at MIT in the fall of 1926. Struik accepted, and became an assistant professor by 1928. He was made an associate professor in 1931, and was promoted to professor in 1940.

Professor Helen Beard remembers Struik as a great teacher who was "overly considerate of his students." She said that "he was very popular. Students were all very fond of him and would try to get into his classes."

Domina E. Spencer of the University of Connecticut, also a former student of Struik, hails Struik as "a great man in every sense and certainly one of the best mathematicians I have ever known." Spencer said that she had wanted to be a physics major, but became a math professor because of him. "Most professors at MIT didn't give you the feeling that you could do something. There was a sense that everything about math was known. He instead suggested that there was a problem on the mathematical representation of rigid body motion and said how he wished some students would research the issue," she said. Spencer reportedly took "every class he taught except for probability," and even took one class three

Struik, Page 10



MIGUEL CALLES

Two boats in last weekend's Schell Trophy regatta capsized as the wind picks up during a jibe. MIT placed 8th out of 18 boats.

MIT's Symphony Orchestra delivers a stirring rendition of folk-themed classical music.

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Comics

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Construction begins on the new Vassar St. undergraduate dorm.

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WORLD & NATION

Justice Dept. Will Decide If KKK Can Adopt Highway

LOS ANGELES TIMES

WASHINGTON

The Ku Klux Klan's bid officially to "adopt a highway" near St. Louis will be weighed by the Justice Department before the Supreme Court takes up the issue.

The high court on Monday asked the government's lawyers to say whether the nation's civil rights laws would be violated by allowing a racist group to "adopt a highway" that was built with federal funds.

All but two states have such programs and they are credited with beautifying thousands of miles of roadway. Volunteers plant shrubs and clean up litter. In exchange, the state posts roadway signs acknowledging the contributions of the civic groups.

In an attempt to clean up their image, Klan leaders in several states have asked to join the program but they have been rebuffed repeatedly.

Last year, however, U.S. District Judge Stephen N. Limbaugh in St. Louis ruled that the Klan had a free-speech right to participate in the state's program on an equal basis.

Ironically, Missouri Klan leader Michael Cuffley had sued the state under the Ku Klux Klan Act of 1871, the post-Civil War era measure that allows persons to sue states when their constitutional rights are violated.

"The Klan believes in racial segregation and white supremacy," the judge said, but "the Constitution of the United States protects (its) right to express that ideology as freely as one whose views society embraces. ... (The state) cannot use its regulations to target the Klan's unfortunate beliefs," concluded Judge Limbaugh. (He is the uncle of radio talk show host Rush Limbaugh.)

In March, the U.S. Court of Appeals upheld the judge's ruling but Missouri officials appealed the question to the Supreme Court during the summer.

OPEC Plans to Boost Production

THE WASHINGTON POST

BRUSSELS, BELGIUM

Worried by the impact of high energy costs on the global economy, the Organization of Petroleum Exporting Countries announced Monday that it would raise production for the fourth time this year in yet another attempt to knock down world oil prices.

But oil analysts warned that the decision to lift output by an extra 500,000 barrels a day was largely symbolic and appeared unlikely to offer consumers immediate relief at the gasoline pump. Nearly all OPEC members are pumping oil at maximum capacity — at levels higher than at any time for the past 20 years — and may not be able to meet their expanded quotas.

"The big problem is the shortage of refining capacity," said Mehdi Varzi, director of oil research at Dresdner Kleinwort Benson in London. "There is actually a lot of crude oil available, but Europe and the United States are close to the limits of their ability to turn the stuff into gasoline and heating oil."

Once the refining bottleneck clears up, the surplus production of crude oil could lead to a substantial decline in prices. But Varzi and others contend that it may take at least two months for the new supplies to work their way through the system and start pushing down the retail price of gasoline and heating oil.

"If the weather turns really cold, we may see a slight rise in prices," said Leo Drollas, chief economist for the Center for Global Energy Studies in London. "With so much crude oil sloshing around the world, it's only a matter of time before all that supply starts to bring down prices, but it may not happen until December."

Bipartisan Budget Proposal Torpedoed by GOP Leaders

By Eric Pianin and Dan Morgan

THE WASHINGTON POST

WASHINGTON

Only hours after White House and Republican negotiators reached agreement on education spending for the year, House GOP leaders unexpectedly torpedoed the plan, leaving budget talks in shambles and raising prospects that Congress would be forced to meet in an unusual post-election session to finish its business.

House Speaker J. Dennis Hastert, R-Ill., and Majority Whip Tom DeLay, R-Texas, upended the agreement that had been sealed with glasses of Merlot at 1 a.m. Monday morning, singling out a provision long sought by organized labor — and opposed by business — aimed at reducing cases of crippling repetitive stress injuries in the work place.

Although their decision stunned and angered the top GOP negotiators — who had assumed they were authorized to cut a final deal — it underscored Republican confidence that the party would benefit politi-

cally by taking a confrontational stance with President Clinton on the remaining spending and tax issues. It also reflected growing concern among GOP lawmakers that the education bill was getting too expensive.

The GOP decision drew sharp complaints of bad-faith bargaining from Clinton, White House officials and congressional Democrats, who charged that the Republicans had bowed to pressure from business lobbyists to block the workplace provision. Clinton hinted he might retaliate by vetoing another bill that funds the legislative branch and the salaries of lawmakers.

"We got to an honorable deal, and it didn't last 12 hours," said White House Budget Director Jacob "Jack" Lew. "It's very, very frustrating. It's very disheartening."

But Hastert and DeLay made no apology for overruling their negotiators, signaling that Republicans were prepared to fight through the election to extract an acceptable compromise on spending and taxes.

"We're not going to get pushed out of town with a bad deal," Hastert told reporters. "You call it a stalemate. I call it fighting for the American people to get good legislation for them."

The budget talks, which once seemed headed for an amicable if belated conclusion, soured last week after Clinton threatened to veto a \$240 billion tax and minimum wage increase package pushed through by House Republicans, complaining that the White House had been cut out of the deliberations.

Both sides said they hoped to get the talks back on track over the weekend, but the GOP leaders' rejection of the tentative agreement on a spending bill for labor, health and education programs seemed to underscore Republicans' conviction that — unlike past years — they have the upper hand in the budget negotiations.

DeLay has been counseling Republicans to force the president to veto some of the remaining domestic spending bills.

Gore, Bush Race across U.S.A. In Final Week of Campaigning

By Dan Balz and Edward Walsh

THE WASHINGTON POST

Monday, with the vice president warning that Bush's "old ways" would threaten the economic gains of the past eight years and the Texas governor saying his election would help move the country beyond the "confrontation and stalemate" of the Clinton-Gore era.

As Gore barnstormed through the upper Midwest and Bush campaigned in New Mexico and California, their campaigns intensified massive get-out-the-vote activities and frantically shifted resources from one battleground to another seeking to gain an edge in what remains the closest race for the White House in decades.

Gore issued a populist appeal to

voters in Wisconsin and Michigan by blasting big drug companies and health maintenance organizations, while his vice presidential running mate Joseph I. Lieberman intensified Democratic criticism of Bush as too inexperienced to be entrusted with the presidency.

Calling the presidency "the biggest, most important, complicated job probably in the world," Lieberman told a rally in Green Bay, Wis., "Let me tell you honestly. George Bush is not ready to be president of the United States. Maybe some time."

The Texas governor peppered his own address in Albuquerque with sharp criticisms of his Democratic rival but sought to cast the coming presidential vote as more

than a difference of opinion on specific issues.

"This election has many issues, but one great question," he said. "Can we bring America together, move beyond the petty arguments and get results for the American people? This is the question the American people must answer. And if they answer the question yes, we will win."

Bush exuded confidence as he made his way west Monday, telling supporters in New Mexico not only that he would win that state's five electoral votes but also that by election day California would be "Bush country as well."

Bush is still running behind in the nation's biggest state, but Monday began two days of campaigning.

WEATHER

A Taste of Winter

By Rob Korty

STAFF METEOROLOGIST

With the loss of daylight savings time and some snow on Sunday, the onset of winter seemed to be imminent. Fortunately (for those who are not ready for icy mornings quite yet) temperatures will bounce back to more seasonal levels by the latter part of this week. But with the sun setting before quarter to five (it will be as early as 4:12 in mid-December) and brisk winds, Bostonians have been quickly reminded that winter is not long away.

A strong gale that is sitting offshore of the Canadian Maritimes continues to funnel clouds and light snow across portions of New England. This is because in the Northern Hemisphere air circulates counter-clockwise about an area of low pressure. Why? Fundamentally it is simply the balance of two forces. Left to its own devices, air naturally flows from regions of high to low pressure. But since we live on a rotating sphere, motions in the Northern Hemisphere are deflected to the right (this is named the Coriolis "force"). Thus as air evacuates a high, it is turned to the right, and a clockwise rotation ensues. Similarly, as air channels toward a low, it too is turned to the right, and a cyclonic flow develops. If you include friction in the balance of forces, it is not hard to show that rather than simply rotate about the pressure anomalies, air actually diverges from the center of a high pressure system, and converges into a low. This convergence leads to vertical motion, which supports the development of precipitation in the vicinity of a low pressure system.

So as this low sits to our east, northerly winds will continue to advect cold air into the region. By mid week, the low should have passed far enough east to allow the skies to clear, and temperatures to warm.

Extended Forecast

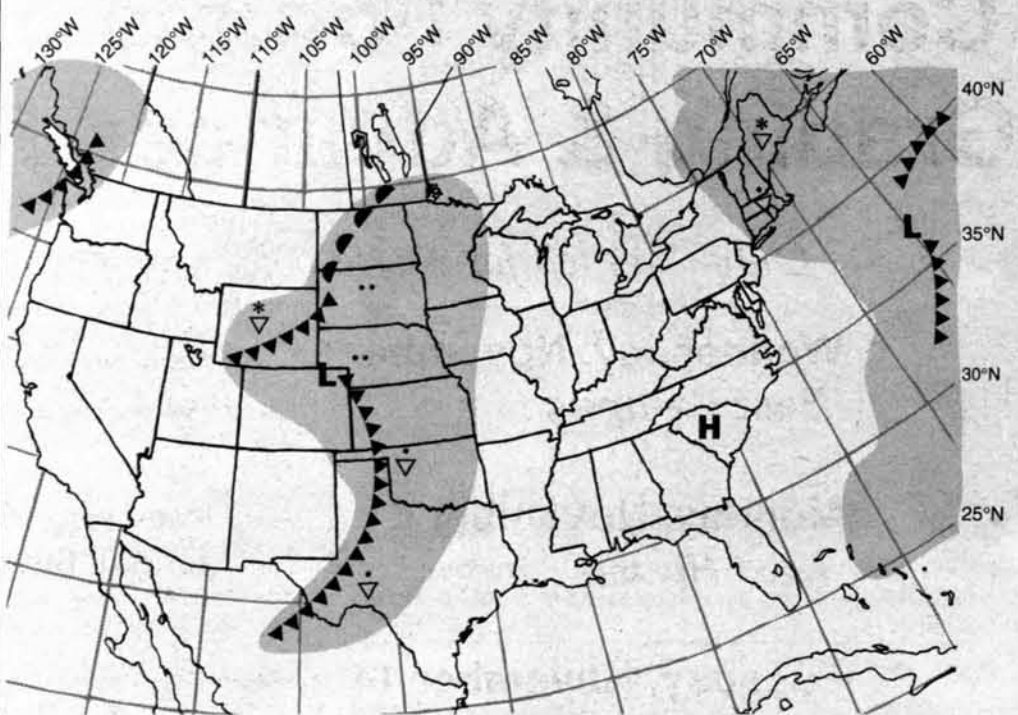
Today: Occasional rain and drizzle. High near 44°F (7°C).

Tonight: Lousy, chance of drizzle. Low near 38°F (3°C).

Wednesday: Becoming partly cloudy by afternoon. High near 50°F (10°C).

Thursday: Partly cloudy and milder. A seasonable high near 58°F (14°C). Low near 35°F (2°C).

Situation for Noon Eastern Standard Time, Tuesday, October 31, 2000



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	--- Trough	Snow *	Fog
L Low Pressure	—•— Warm Front	Light *•	Thunderstorm
S Hurricane	—▲— Cold Front	Moderate **	Haze
	—▲— Stationary Front	Heavy ***	

Compiled by MIT Meteorology Staff and The Tech

Carnahan's Widow Will Serve If Husband Is Elected Senator

By William Claiborne
THE WASHINGTON POST

ST. LOUIS

The widow of the late Democratic Gov. Mel Carnahan Monday vowed to take her husband's dreams to Washington by accepting an appointment to the Senate if Missouri voters pick his name over Republican incumbent John Ashcroft in next week's election.

Invoking the memory of the governor in what is shaping up as one of the strangest Senate elections in U.S. political history, Jean Carnahan said the people of Missouri still have a choice to vote for Mel Carnahan, and if they believe in his dreams for a better society they should vote for him.

Because Mel Carnahan's death occurred so close to Election Day, his name remains on the ballot. Under Missouri law, if he receives the most votes, Gov. Roger Wilson (D) would make the Senate appointment, and Wilson has said the seat would go to Jean Carnahan if she accepted it.

Standing on the back porch of the family farm in rural Rolla, in central Missouri, Carnahan said she had spent the weekend agonizing over her decision. "With the support of my family and an abiding faith in a living God, I've decided to do what Mel would have wanted us to do ... to continue the fight for his ideals," she told reporters.

Jean Carnahan's announcement

came two weeks to the day after the 66-year-old governor, his oldest son, Roger, 44, and campaign adviser Chris Sifford, 37, died when a small plane piloted by Roger Carnahan crashed after leaving here for a campaign rally.

The accident halted what had been one of the most acrimonious Senate contests in the nation and, at first, appeared to have ended Democratic hopes of knocking off Ashcroft, one of the most conservative members of the Senate. But recent polls in Missouri suggest a sympathy vote may help catapult Jean Carnahan into the Senate.

A St. Louis Post-Dispatch poll Sunday showed Mel Carnahan with a 47.2 percent to 45.4 percent lead.

Basque Terrorists Murder Judge, Injure Over Sixty in Car Bombing

By Marjorie Miller
LOS ANGELES TIMES

LONDON

A remote-control car bomb exploded in central Madrid during morning rush hour Monday, killing a military judge on the Supreme Court, his driver and a police bodyguard in the bloodiest attack this year attributed to the Basque separatist group ETA.

An additional 66 people were treated for injuries from the blast, which set fire to a passing city bus, ripped apart automobiles and blew out windows in dozens of apartment buildings in the affluent Arturo Soria area of northeastern Madrid.

The killings are believed to be part of a widening campaign of

assassinations by the Basque Homeland and Freedom movement, known by its Spanish initials ETA, which has been linked to the killings of 16 other people since ending its 14-month cease-fire nearly a year ago.

The ETA has targeted politicians, military officers, journalists and businesspeople across the country in an effort to broaden its war for independence beyond the Basque region. This month alone, suspected ETA cells also killed a prosecutor at his home in Granada, a military doctor at his offices in Seville and a prison officer in the Basque region.

Monday's rush-hour explosion, which occurred near one of Madrid's busiest intersections as

children arrived at a school a block away, was the most dramatic attack in the escalating violence.

It may have been timed to coincide with the sentencing of one of the ETA's top leaders in connection with the murder of a national prosecutor, Carmen Tagle, in 1989.

A few hours after Monday's blast, Francisco Mugica, known as "Pakito," was given 30 years in jail for ordering and facilitating Tagle's murder. At his trial this month, Mugica told the judges they were part of the Spanish domination of Basque country and "for that reason, for us, you are all Carmen Tagle."

The ETA has been fighting for Basque independence from Spain and France for decades.

Astronauts on Space Station Will Face Many Challenges

LOS ANGELES TIMES

When NASA launches its first crew to live aboard the International Space Station this week, there will be the usual fears of accidents and life-support glitches. There will be concerns about radiation and thinning bones.

But actually living in space introduces a new basis for fear, a very earthy and primal one: the frailty of the human mind and spirit.

"One of the biggest showstoppers we're going to have is psychological," said JoAnna Wood, a psychologist from Baylor University and visiting scientist at Johnson Space Center in Houston.

Most previous shuttle missions have not lasted longer than 17 days. "Things get very different when you're talking three to six months, or three years," she said.

The upcoming four-month stay on the space station is a prelude to longer missions, and, many hope, to a three-year round trip to Mars.

"It's still a question mark how long people can live in space," said Kathie Olsen, NASA chief scientist. "We look at the station as a test bed."

Requiring the ability to endure everything from 9G forces to defecating into hand-held bags, the astronaut corps has long ignored psychological factors in space travel.

But on the eve of sending Americans to live in space, behavioral and life sciences have taken new priority at NASA; chief scientist Olsen is a psychobiologist.

Tailhook Investigators Find No Evidence of Harassment

LOS ANGELES TIMES

CARLSBAD, CALIF.

Investigators have found no evidence to substantiate a claim of sexual harassment at the August convention of the Tailhook Association, Navy Secretary Richard Danzig said Monday.

"I don't see any likelihood of having to take any negative action toward the Tailhook Association," Danzig said after his speech to an information-technology convention.

The harassment claim, made by a married couple attending a motorcycle enthusiasts convention in the same hotel, could have forced the Navy permanently to sever newly restored ties to the San Diego-based group.

After the group's now infamous 1991 convention in Las Vegas, where dozens of women allegedly were mauled by drunken aviators, the Navy withdrew support and recognition from Tailhook.

This year's convention, held at John Ascuaga's Nugget hotel and casino in Nevada, signaled the first time that active-duty personnel had been allowed to attend a Tailhook gathering. Danzig said the couple that claimed to have been subjected to lewd comments by Tailhook conventioners refused to be interviewed by the Navy.

If you're an MIT Undergraduate, we know you have opinions on the freshman year.

Come share your thoughts on the policies of first year grading and credit with committee members of the CUP and the Subcommittee that wrote the recent report.

Community Forums on Pass/No Record Grading & Advanced Placement Policies

Only three left for you to voice your opinions. All Forums are 7-8:30 PM.

Wednesday, November 1
East Campus

- Prof. Mark Schuster, Course 11
- Prof. Craig Carter, Course 3

Monday, November 6
Next House

- Dean Peggy Enders, Academic Services
- Prof. Wit Busza, Course 8

Tuesday, November 14
McCormick Hall

- Prof. Steve Lerman, Course 1 & Chair of the Faculty
- Prof. David Jerison, Course 18

To read the report, please visit the top link at <http://web.mit.edu/committees/cup>.

Sponsored by the Office of Academic Services

Photo courtesy of the Technique

OPINION

No on Questions 5 and 6; Yes on 7 and 8

On Friday, *The Tech* discussed the first four of Massachusetts' eight ballot questions. Today we examine the final four questions.

Question 5 would grant new rights to health-care patients and workers, and calls for universal health care coverage in Massachusetts by July 1, 2002. While universal health care coverage is a worthy goal, *The Tech* must urge a vote of **no on 5**. Question 5 is a long, unwieldy petition that would increase government bureaucracy in the health-care system. Additionally, Question 5 does not itself propose a scheme for universal health care, but instead asks a government council and the Legislature to review universal health-care proposals. While Question 5's supporters have the best of intentions, their petition is so nebulous and cumbersome that we urge its defeat.

Question 6 would allow an income tax credit for automobile tolls and excise taxes. By removing these disincentives to driving, Question 6 would lower the cost of getting behind the wheel; as a simple economic result, traffic congestion would increase, and the Massachusetts Turnpike, Tobin Bridge, and harbor tunnels would be even further snarled. This situation would be made even worse by tollbooth backups as thousands of drivers stop to collect receipts (needed to claim their tax credits). To boot, Question 6 would drain hundreds of millions of dollars from state coffers. *The Tech* recommends a vote of **no on 6**.

A no vote on 6, however, does nothing to remedy the two glaring inequities cited by Question 6 supporters — that the toll system is inherently regressive, and that residents of central and western Massachusetts must pay Pike tolls while those who live in the eastern part of the state are not tolled on Interstate 93. *The Tech* regrets these

inequities and believes that they should be corrected, but not at the expense proposed by Question 6. If the state desires a sensible, equitable transportation system, it should consider such measures as constructing new parking facilities at suburban commuter-rail stations, particularly in central and western areas, in order to provide a viable alternative to highway commuting.

Question 7 seeks to create a state income tax deduction for charitable contributions. This legislation has already been approved by the General Court, but it was passed too late in the session to take Question 7 off the ballot. Still, as Massachusetts annually ranks at or near the bottom of the 50 states in per capita charitable giving, we endorse a vote of **yes on 7** to echo the Legislature's action to increase charitable giving in this state.

Question 8, if passed, would change the Commonwealth's drug treatment and forfeiture laws. A yes vote would increase the number of drug offenders eligible for drug treatment instead of jail time, and it uses property seized from drug dealers to establish a Drug Treatment Trust Fund to pay for treatment programs.

We recommend a vote of **yes on 8**. We strongly believe that treatment, not harsh mandatory jail sentences, is the best means to deal with low-level drug offenders. We also support the increased restrictions on property seizures supported by Question 8 as a way to protect innocent property owners.

The eight ballot questions before Massachusetts voters this year are extremely important, affecting tax, crime, and health policies. We encourage all voters to study these questions carefully, and to make informed decisions, before heading to the voting booth.

Yes on Question 6

By Rima Amaout, Michael J. Ring, and Naveen Sunkavally

We endorse Question 6, the initiative to grant tax credits for tolls and auto excise taxes. We believe the repeal of tolls will remedy two inequities in the state's current tax system. Tolls are regressive — the

Dissent

millionaire and the working stiff pay the same fees. Also, tolls in the Bay State are geographically discriminatory; commuters from the west and northeast of Boston pay tolls, but drivers from the northwest and south do not. It is especially unfair to use the tolls of east-west commuters to finance the Big Dig, which primarily

benefits north-south commuters.

The toll rebate mechanism in Question 6 is far from perfect, but it is the only one allowed under law. The Massachusetts Supreme Judicial Court disallowed a petition on the 1998 ballot calling for an end to toll collection.

We share concerns that passage of Question 6 might encourage increased driving, but ultimately we believe the need for an equitable system of taxation is more important than discouraging automobile use. For these reasons we recommend a vote of **yes on 6**.

We join with *The Tech* to urge a vote of no on Question 5, and yes on Questions 7 and 8.

Letters To The Editor

Fortress Vest?

On Wednesday, Oct. 25, as I was sitting at the front desk of my dormitory, a distressed parent came up to me with a story to tell:

She had been here since Parents' Weekend, and decided to stick around to see her daughter's play at a concert here on campus. So she parked somewhere nearby and when she came back she found that her car had been towed. She went to the MIT police station to ask about it. They were fairly unsympathetic, pointing out that the sign was present and she should have seen it. She responded by saying that the sign was dark and, it being night, was poorly visible. She ended up taking a taxi out to the towing company to get her car, but they wanted \$75 cash, which she didn't have.

This is when she came to my dormitory quite flustered. She asked me if it would be worthwhile to petition the Vests with her case. I told her that it probably wouldn't do much good because it wasn't MIT that towed her car, it was Cambridge. Though I concluded that it might do something good At worst, it would achieve nothing.

Well, I went about my evening and happened to run into her a few hours later and she told me what happened. She had visited the Vests and rang the doorbell, and Becky Vest came to the door. Through the slit in the door, Becky listened to her story. Becky asked her if she was alone, and the parent responded that she was. Becky asked her to

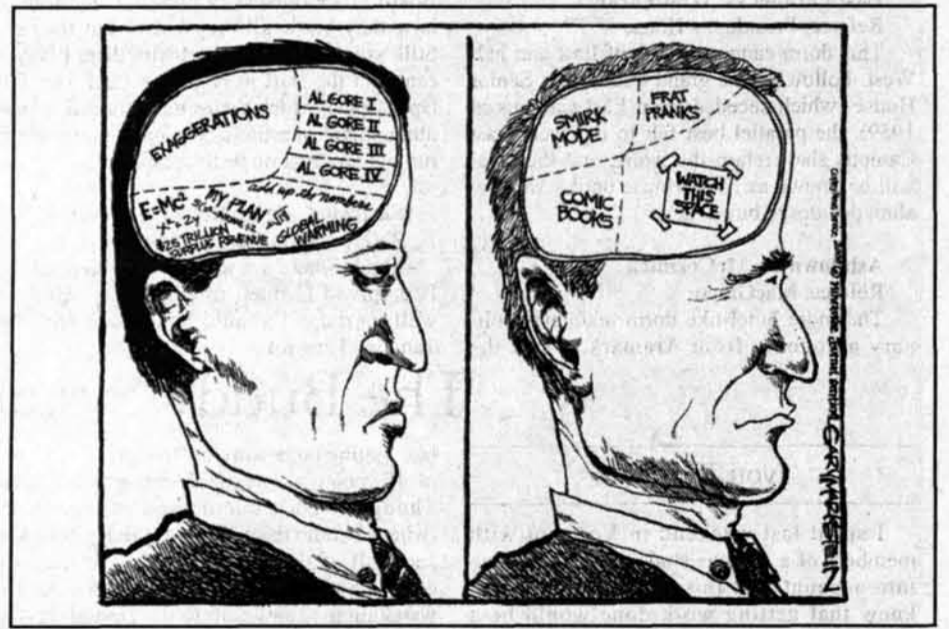
step around to the side of the house. Obliging, she did, thinking that Becky was going to come out and talk her or something like that. The next thing she knew, three CP cars pulled up with their lights blaring and out stepped six CPs bearing nightsticks. They spoke briefly with Becky Vest, then told our unfortunate parent that she shouldn't be here and that she should go away.

I guess if this is how the Vests regard par-

ents, as threats deserving six armed police officers to resolve; it doesn't take much imagination to see how they must consider students. I had always thought that the notion of MIT as a police state was something tossed about by angry undergrads, but I now have supporting evidence.

I'm just glad that she wasn't my mother.

Dean Berlin G



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, news editors, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No let-

ter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

The Tech's Ombudsman, reachable by e-mail at ombudsman@the-tech.mit.edu, serves as the liaison between *The Tech* and its readers. From time to time, the Ombudsman writes an independent column reflecting the complaints, questions, and concerns of the readership.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.



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Candy, Please Halloween Isn't Just For Kids

Veena Thomas

As October reaches its end, the air gets colder and crisper. The ubiquitous pumpkin appears in everything from pies to ice cream to beer. Stores prominently display their selection of face paint, fake blood, and stick-them-anywhere eyeballs. It must be Halloween.

Halloween is as much a holiday for the adults as it is for children. It gives everyone a chance to release themselves from the constraints of society and to indulge themselves in their deepest impulses. On what other holiday can women walk around in public with fishnet stockings, a red skimpy outfit, and a pitchfork, claim they are the Devil, and still be considered normal?

Maskerade balls offer the opportunity to wonder and fantasize about that cute man behind the mask, without actually realizing he's that guy in your dorm that you can't stand. Figures and diets are forgotten as everyone uses Halloween as an excuse to gorge themselves on chocolates and other sweets of their childhood.

Indeed, Halloween presents adults with the chance to stop acting like grown-ups for once and to again become the children they once were.

Remember all the lectures your mom gave you while you were growing up?
"Don't talk to strangers."
"Don't go out after dark."
"Never eat something a stranger gives you."
"Don't play in the street."
"Dress properly."

Remember all the lectures your mom gave you? 'Don't go out after dark.' 'Dress properly.' 'Never eat something a stranger gives you.' So what did she tell you to do on Halloween?

"Don't eat too much junk food."
So what did she tell you to do on Halloween?
"Honey, why don't you dress up in this nice black cape and become Death for Halloween? Go run around the neighborhood, across all the streets, with no parental accompaniment. Be sure to talk to every stranger you see and ask them

for all the junk food you want. You'll come home with an entire pillowcase full of goodies sure to give you cavities, if not a bloody mouth from all the razor blades in the apples. I'll see you in a few hours! Have fun! Be safe!"

What's a kid to make out of all of this? For one night everyone's allowed to become something they're not, whether it's Death, the Devil, or Dorothy from the Wizard of Oz. Everyone conveniently forgets all the general restrictions of society as they allow their children to romp in the streets unsupervised after dark, taking sugary substances from complete strangers who may or may not be psychopaths. Why?

Perhaps everyone, children and adults, just need a break from the rules placed on them by everyday life. Halloween presents us with the chance to take this much-needed break and enjoy ourselves, with full knowledge that the day after, everyone will revert back to their normal roles.

Some people complain they are too old for Halloween. I believe that you can never be too old to let loose for the night and have a good time.

Dress up in a funky costume, dye your hair some strange color you've always wanted to dye it, and eat all the candy you want. Still think you're too old?

Just send your candy my way.

MIT Grudge Match!

Philip Burrowes

I was very disappointed with the Subway Series. No major sports event could have been more regionally divisive, but I have yet to see any more violence than there normally is in New York. That can be attributed to any number of factors: an exodus to suburbs combined with an influx of immigrants has drastically realigned New York City away from the pre-borough system; interleague play has already shown us this matchup; baseball is just really boring.

These and causes like these aren't unique to New York, however; America is in the midst of a nationwide all-time low in irrational jingoism. Why, Apple is copying Microsoft now! We here at MIT — all parts of that grand microcosm of life known as the elite research institute — are not exempt from this trend. Perhaps if we would encourage more cannibalistic competition on this campus, we could turn this nation around. Here are certain events that are long overdue.

East Parallel vs. West Parallel

Referee: President's House

This dorm cannot stand half East and half West. Following the grand tradition of Senior House (which seceded from East Campus in 1959), the parallel best felt to represent East Campus shall retain the name, and the loser will be known as Meta House until a wealthy alum decides to buy a name.

Ashdown vs. McCormick

Referee: MacGregor

The more hotel-like dorm maintains culinary autonomy from Aramark, while the

losers must eat at Baker Dining. It might seem lopsided, given Ashdown's actual residence history, but since I've never gotten above the first floor of either, I wouldn't really know. (I would, of course, suggest MacGregor not count the Annex against McCormick).

The Tech vs. Tech Talk

Referee: The Thistle

This is blatant copycatting the likes of which I haven't seen since MTV's Fear (which gets extra points for being both Survivor and Blair Witch). We're older and larger. Still, they are able to maintain some sort of semblance of professionalism, as well as an extensive want-ad section. The periodical judged more newspaper-like must produce a consistent sports section as its reward.

SIPB vs. Nightline

Referee: A random advisor

For the gosh-darn nicest people at MIT (and not in that scary, social Next House way), visit the Student Information Processing Board office outside W20-575. I don't know how they know all they know, but they do. Still, you can't toy around with them like you can with the staff at Nightline (Def Tuv Tuv Oper Oper), which seems to be trained in handling stupid questions. The nicer group get to run pre-Orientation festivities.

Eastside Cafe vs. Refresher Course

Referee: MIT Faculty Club

I know there's a joke in here somewhere. It involved Lobdell in some way, too. Oh, well, perhaps I should have gone with the Tang vs. Tang joke.

The Buddy System

like putting homework off longer.

Watching the snowfall. Snow is beautiful. Though it isn't uncommon in New York (where I come from), I love watching the first snowfall of the year. So, a few of us stood outside Saturday night drinking hot cider and watching the snow drift to the ground. Perfect time to be studying 5.112, but the snow had a more convincing argument.

I told myself I'd study whenever there were no group activities taking place. You can guess how well that worked.

Playing Taboo on Friday night at 4 a.m. After a four-hour car ride, stargazing, and Mafia, I somehow still had energy. Use it to do useful work, you say? Never! I'd never played Taboo before either, and what better opportunity to play than four o'clock in the morning with breakfast being served in five hours? Of course, half the challenge was getting other people to play. You can never procrastinate alone. There always needs to be more than one person to waste time. For best

results, use the buddy system.

In high school, I never used to put off work this much. Sure, any assignments due Monday were meant to be started Sunday night. But at least then I would stick to the Sunday night rule. It must be in the nature of college students to avoid work for as long as possible. Everything still gets done, but perhaps only just on time. Or maybe it's at the expense of sleep. The phrase "time management" has new meaning to me. I used to think I had everything scheduled properly, but that's because it was true. It's a whole different ballgame here. Suddenly, I have to decide whether I would rather study or play games or party or chat with other people. The former is seriously lacking in appeal; that is, of course, until you realize that it's Sunday evening and your literature paper that is due in two days has not outlined or written itself, nor has the material for your chemistry test embedded itself permanently in your memory.

But I probably should go a little easy on myself. After all, seven out of nine lectures' worth of my chemistry notes got read. And I *did* get this column done. There's a lot to be said for the buddy system ... and also for car rides.

Remembering Michele

Kevin Choi

Three years ago, on Halloween night in 1997, a car fatally hit Michele Micheletti '00 as she walked across Memorial Drive with her four friends from New House to get to her parked car.

I was with her that night. In fact, I was walking ahead of her only by five feet when a car struck her from behind. I heard a loud thump and when I turned around, I saw something flying in the air. I didn't know what it was. It was not until thirty seconds or so later that one of us in the group yelled out that it was Michele and that a car had hit her.

I was stunned. It couldn't have been. "No!" I screamed, "No!"

While one of us ran into the dorms to call the police, and another watched over Michele's body, two of us retreated to the river side of Memorial Drive to try to alert oncoming cars that there was a pedestrian lying on the road.

I felt so helpless as I waved my arms, trying desperately to get the drivers to slow down. All I could see were headlights and cars rushing at me. "Slow down!" I cried, but no one heard me. The paramedics arrived a couple of minutes later and took Michele to Massachusetts General Hospital, where she was pronounced dead.

That night, I remember having problems with sleeping. All I could think of was that the car had missed me and hit her instead. I had never felt so vulnerable in my life. I felt survivor's guilt. And I cried. I cried for Michele and I cried for all of us. I cried because we would never see her again.

Michele's gift was in sharing her love and love for life with others.

Michele was my first friend at MIT. I met her when she was a counselor at the Freshman Leadership Program. She took me into her arms and always smiled and gave me the best hugs whenever she saw me. It was because of her friendship and warmth that convinced me to move into New House, her favorite dormitory.

In fact, Michele was friendly to everyone she met. She smiled and made friends with people regardless of their race, sex, or sexual orientation.

Michele's gift was in sharing her love and love for life with others. One of her favorite phrases was "Mi Amore," which she used as a signature attached to all the e-mail messages she sent out. "My love" was what she offered freely to others.

After the incident, I went into a typical grieving process. For a while, I was in denial. I even used the excuse of "too much work to do" to avoid flying at the expense of the MIT administration to attend Michele's funeral services in San Francisco. I didn't want to believe that she was gone. To me, she was still very much alive inside of me. Every time I passed by her empty room, I would imagine seeing her sitting by the computer, waving hello at me. She would flash her radiant and warm smile, and all my troubles that day were forgotten.

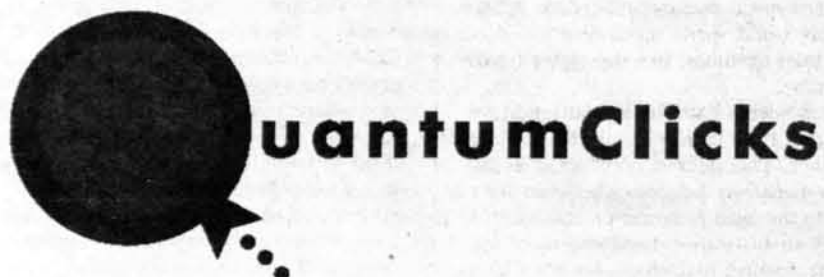
It has now been three years since Michele's death. I don't think the grieving process is over for the four of us who were present that night.

When someone as beloved as Michele dies, how can you ever let go of her, especially when you were the last to see her?

Since Michele's death, a handful of students have also passed away unexpectedly, including Richard Guy '99, Elizabeth Shin '02, Michael Manley '02, and Philip Gale '98. While I don't know them personally, I can relate to what their friends must still be going through.

Sometimes I wonder what it would be like to speak with Michele again. I would like to ask if she thinks I'm remembering her enough. I hope she would say yes, that she's happy to see me happy, to see that I am thinking of her, and knows how much I miss her. I'd like to think she would tell me to love life and to love those around me, for that was what she had striven to do in her nineteen years.

My two roommates and I moved out of New House after that semester. Memories of Michele had taken their toll, and I desired a different place to think and live. That Halloween night we had all learned a valuable lesson about mortality and life. Three freshmen and a sophomore had grown a little bit older.



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A few lucky attendees will go home from Thursday's Info Session with a new Palm Pilot.

THE ARTS

BOOK REVIEW

The Amber Spyglass

Closing the His Dark Materials Trilogy

By Jane Maduram

STAFF WRITER

Written by Philip Pullman

Published by Alfred A. Knopf

\$19.95

If one somehow managed to throw John Milton's theology, C. S. Lewis's writing, and H. G. Wells's imagination together, the wildly-popular trilogy that would result is *His Dark Materials*, by Philip Pullman. More specifically, the book that would emerge would be the recently released last book in this trilogy: *The Amber Spyglass*. Based on an eclectic mix of science fiction, fantasy, theology, and adventure, it is hard to delegate *The Amber Spyglass* to any particular genre of fiction; it is unique.

The Amber Spyglass, like the preceding two books, follows Lyra Silvertongue as she searches for her dead friend and works with Will, a boy who owns a knife that can cut openings between worlds. Together, they find out about the mysterious Dust and grow from children to adults. Along their travels, Pullman brings up such exotic inventions as the Intention Craft, a machine directed solely by thought.

Another creation he discusses is the lodestone which, like the prospect of multiple worlds, is explained through quantum physics: "Your scientists, what do you call them, experimental theologians, would know of something called quantum entanglement. It means that two particles can exist that only have properties in common, so that whatever happens to one happens to the other at the same moment, no matter how far apart they are When I play on this one (lodestone) with my bow, the other one reproduces the sounds exactly, and we communicate."

Other things that Pullman creates through the book include the Gallepsians, tiny beings that fly on the backs of dragonflies, and the mulefa, diamond-framed animals that travel on the seedpod wheels of trees fed by Dust.

While the creatures and inventions that populate these worlds are interesting, Pullman pays the most attention to the metaphors and stories hidden within the book. One metaphor he plays with is the idea of the daemon, the animal counterpoint of a person. While the person is a child, his daemon changes shape with his emotions. When the person reaches

adolescence, however, the daemon chooses a single shape which generally gives an indication of what the person will grow up to be. A bird, for example, is the typical daemon of witches and prophets. A dog, on the other hand, is the typical daemon of servants. Children in this world spend much time wondering what their daemons, like themselves, will grow up to be.

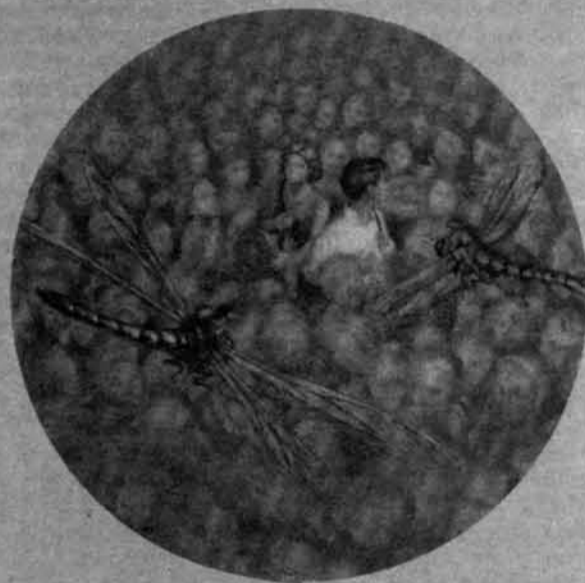
Pullman seems particularly intrigued by the transition from child to adult, by the loss of innocence. This interest is reflected in the numerous metaphors he creates between good and evil. In the most prominent metaphor, the Church is an institution reminiscent of the time of the Spanish Inquisition, replete with a Consistorial Court of Discipline, a Society of the Work of the Holy Spirit, and an Oblation Board. Lyra's mother is instrumental in this Church.

Opposition to the Church is managed by Lyra's father, Lord Asriel, who killed Lyra's friend to generate Dust and who promises to throw down the Kingdom of Heaven. In its stead, the Republic of Heaven will be created. Lyra herself is portrayed as Eve; the Church in the story seeks to prevent the loss of Lyra's innocence — which will somehow recreate the first sin — by killing her.

Pullman displays a particular fondness for inverting Biblical allusions and, in particular, portraying the difference between good and evil as a distinction instead between wisdom and ignorance. The Devil is a wise female angel named Xaphania. Lyra's tempter, a former nun, has a PhD in physics. God and the Church, on the other hand, are uniformly depicted as a group of slovenly, fat drunkards or fanatical, thin neurotics. Enoch, God's dictatorial, carnal regent, calls himself the Metatron (a name that would fit right in with the Power Rangers).

God himself is described taking credit for what he did not do. Pullman states that "the Authority, God, the Creator, the Lord, Yahweh, El, Adonai, the King, the Father, the Almighty — those were all names He gave Himself. He was never the creator." At the end, God ends up to be an incredibly weak and bewildered creature, incapable of doing anything. With the exception of an old priest hurriedly inserted in the final chapter, the forces of good may be summarized by a quote from *Spaceballs*: "Evil will always triumph over good, because good is stupid."

HIS DARK MATERIALS · BOOK III THE AMBER SPYGLASS



PHILIP PULLMAN

While this is an interesting (albeit previously explored) concept, Pullman severely restricts himself by rigidly adhering to classic stereotypes of Christianity. Not only does it hamper the depth and quality of the story, it also makes the fable-like quality of the book evaporate to some degree.

While the whimsical tone of the book is detracted from by the social commentary, *The Amber Spyglass* is well written. Pullman uses

descriptive language well while creating new lands, and he creates vivacious, exciting adventures for his characters while wisely veering away from literary excesses. Plot development can sometimes be foreseen, but as enjoyment in this book is in the journey and not in the end, this is excusable. While I preferred the first two books, *The Amber Spyglass* will be savored for many years to come as a fitting end to the *His Dark Materials* trilogy.

MUSIC REVIEW

Tunes to Find Online

Enjoying the Last Days of Napster

By Devdoot Majumdar

STAFF WRITER

Quite frankly, I've had enough of this Napster legal gobbledygook. I don't care to understand nor delineate Napster's intrinsically soporific legal problems: like every other Napster user, I know it has no legal basis and I intend to use it to the fullest before it meets the recycle bin.

But in honor of the ostensible purpose of Napster (that is, to explore new music) I figured a few weeks ago that I ought to start "exploring." So in the process of scouring the music libraries of many T3 connections, I found a few wonderfully unrecognizable bands — "new music," so to speak. For your downloading delight, I have compiled a list of first class groups that you *haven't* heard on the radio:

Crazytown (Punk)

Straight out of Los Angeles, this is a band with the angst characteristic of the traditional L.A. rappers. The caveat is that they're white, putting them in the Limp Bizkit, Kid Rock category. The difference: their rhythms are suave and addictive — each song having a hypnotic repetitive melody. Crazytown's unique ability to mix relaxing beats with attitude-ridden rapping brings back memories of Sublime.

Both "Butterfly" and "Revolving Door" are without doubt their best songs. The lyrics are indeed explicit, sexually and otherwise, but it only adds to the edgy, ebolic sensation that complements the stuck-in-

your-head guitar riffs in the background. These guys are on a big label (Columbia) already, so I wouldn't doubt their becoming popular momentarily.

Adiemus (Instrumental)

It began when Karl Jenkins, a musician most known for his "seminal" work in the 60s with the band Soft Machine, got a contract to do a Delta commercial. The music he produced (with the help of contracted vocalists and choirs and orchestras) was, in a word, exotic. Filled with African overtones and enriched primarily with full voices singing without real lyrics, it exudes *Lion King* splendor. Though the band did achieve considerable popularity through the Delta commercial and by being placed on the treasured *Pure Moods* CD, it has received little further recognition for the groundbreaking music it has spawned.

The self-titled song "Adiemus" and "Kayama" are arguably Adiemus's best work. "Adiemus" is an enchanting melody featuring awe-inspiring solos and "Kayama" is a demonstration of how euphoric an orchestra and a chorus can sound. The group is extremely prolific, sporting three packed CD's. However unpopular, Adiemus brings a profoundly new and glorious genre of music to any listener.

Fountains of Wayne (Alternative)

Stamped out by music critics because one of its members wrote the oh-so-annoying "That Thing You Do" song, Fountains of

Wayne never really made it. They are inescapably alternative in genre, and good at it too! Their hidden undertones of the 60s and 70s funk bands makes for a refreshing new rock band.

Their best work seems to be "Sink to the Bottom," a Ben-Folds-Five-meets-Cake kind of song, featuring tired-out voices and acridly sarcastic lyrics that seem to be what little teenage girls like these days. Of their more humorous songs is "I Want An Alien For Christmas" and a male rendition of "Baby One More Time" (Britney Spears, anyone?). All in all, they are a fun-to-listen-to band with definite musical talent.

Buena Vista Social Club (Latin Jazz)

Buena Vista Social Club is definitely popular. The problem is that it's popular in world music circles, which in general aren't too popular. The subject of a recent PBS documentary, the Buena Vista Social Club is an aggregation of some ancient yet nonetheless brilliant Cuban musicians who, when together, fell upon some extraordinary Latin Jazz.

"Chan Chan" is probably their most recognizable song, featuring husky Cuban voices accompanied by masterfully played guitars and trumpets — all this resulting in a passionate mood resounding of insolence and beligerence. Other recommended downloads include "Candela" and "De Camino a La Vereda," each featuring its own separate mood. It's a pity that world music never made it to the ranks of popularity, as Buena Vista is

a prime example of how enjoyable the genre can be.

Smurfarna & Tai Mai Shu (Parody)

This is for those with more of a sense of humor (that was my disclaimer). Smurfarna sings easily recognizable American songs in Swedish. For instance, "Barbie Girl" by Aqua became their "Bagar smurfen" and Ricky Martin's "Living La Vida Loca" became "Den Vita Smurfen." I guess this band just defies description — there's something about their Alvin and the Chipmunk voices imitating the songs we are so very sick of that makes them special.

And then there is the Tai Mai Shu, who wrote the "Hard Core Chinese Freestyle Rap," offensive to some and a source of endless enjoyment to others. Featuring a distinctly stereotyped accent and playing on all of the traditional Chinese stereotypes, this song is hilarious, ending with "Hong Kong people throw your hands up, throw your hands up"

Following the same theme is "Combo #5," the famous parody of Lou Bega's "Mambo #5," sporting hilarious lines like "A little sweet and sour is all you need, a little bit of salt and no MSG." In the spirit of this piece, Tai Mai Shu is available only online.

So get connected to Napster and try out some "new music," if only to say that you don't just use Napster to contribute to global piracy.

CONCERT REVIEW

MIT Symphony Orchestra Concert

Inspirational Folk-Themed Classical Music

By Bogdan Fedeles

STAFF WRITER

Last Wednesday, the MIT Symphony Orchestra, directed by Dante Anzolini, presented a marvelous program of classical music comprised of Janacek's *Lachian Dance No. 1*, Ravel's *Tzigane* and Mahler's *Symphony No. 4*. Given the beauty of these pieces and the remarkable performance delivered by the orchestra and soloists Rachel Levinson '01 (violin), and Pamela Wood (soprano), it was quite surprising to find this event rather under-attended; about three quarters of the Kresge Auditorium was empty. The only explanation I can think of is the placement of the concert in the middle of a week full of midterms. Fortunately, the concert will be repeated on Saturday, November 4, at 8 p.m. in Ellsworth Hall, at Pine Manor College.

Lachian Dance No. 1 by Leos Janacek was the piece that opened the concert. Inspired by two folk tunes that the Czech composer collected while wandering in different regions of Lachia, the piece is a vivid musical description of Lachian splendid landscapes, where people are involved in traditional ceremonies. The tunes are essentially dances, a traditional

wedding dance and a kerchief dance, combined in a harmonious way to produce a well-balanced piece. The MITSO gave a rather good performance of Janacek's piece, but although the technique was almost perfect, it still sounded dry and tense, like a warm-up piece, without too much emotion compared to the other two pieces performed.

Ravel's *Tzigane* was initially written as a rhapsody for violin and piano. When the piece became a success after the first performance, Ravel orchestrated the piano part, yielding the piece that was presented Wednesday. *Tzigane* was inspired by the tunes of the gypsies, and also by some Hungarian folk-tunes. It features a captivating yet very difficult violin part that soloist Rachel Levinson was able to brilliantly handle. Indeed, the soloist gave a very expressive performance, showing outstanding technique and virtuosity. The orchestra melded in with dissonant chords and an interesting bass line that harmonically supported the violin part. Overall, this piece was very enjoyable due to the very good performance.

After intermission, the heaviest part of the program, Mahler's *4th Symphony*, followed. Given its huge proportions (it lasts more than

1 hour), this symphony may get somewhat uninteresting at times; nevertheless, it is among Mahler's most beautiful symphonies and the performance of MITSO clearly showed this.

The first movement features repeated notes motifs in woodwinds and a rather lyrical theme in the strings parts, unpredictably shifting in various keys or meters. However, the tonal sense of the piece is very strong — hence the apparent comprehensibility. The movement is rather joyful and refreshing, even if it involves a rather complex orchestration, featuring various percussion instruments and a lot of parts for the wind instruments.

The second movement looks like a classical scherzo; it is rather tense and the melodic line is hard to follow. The horns introduce a short motif answered by the violins, which begin a very lyrical passage. At times this sounds like a slow movement, but the sudden changes in tempo and dynamics, together with the abrupt ending, remind us of the scherzo-like features.

The third movement, which is the slow movement of the symphony, is probably the most beautiful and the most lyrical. The theme starts in the basses and then is gradually

amplified by the whole orchestra, creating a completely serene and magical atmosphere. The contrasting middle part creates some tension that disappears when the initial theme comes back. The ending of the movement features a sudden outburst of E major (this movement is in G major), which anticipates the brilliance of the ending of the symphony.

The last movement features a soprano part, inspired by a folk tune, "Wunderhorn," which talks about the joys of heaven. The music here becomes rather uncomplicated and follows closely the lyrics of the original tune, culminating with music, which is the ultimate joy, this being essentially the conclusion of the last movement and the whole symphony. Pamela Wood, who sang the soprano part, delivered an excellent performance, full of passion and color. Her voice gave the lyrics the weight they deserve in the context of the final movement.

Overall, the whole orchestra, admirably conducted by Dante Anzolini, delivered an outstanding performance of Mahler's *4th Symphony*, completely enjoyable and impressive. If you didn't go to Wednesday's performance, I strongly recommend you go to the one on Saturday.

MUSIC REVIEW

State of the Airwaves

Poe, Placebo, and Post-Pop

By Dan Katz

STAFF WRITER

Three-hour rehearsals every night. Impending work deadlines in all five of my classes. Personal angst and traumas at every turn. And yet, I still take time out of my week to keep you abreast of developments on the rock music landscape. Am I a class act or what? In fact, just so you don't think I'm too professional, I'll take this moment to unleash a shameless plug. A few of the tracks from my widely acclaimed solo album are now available at <http://www.mp3.com/dankatz/> for your downloading pleasure. In the near future, the album will be available to purchase through the site, but if you're impatient and you want one of the few remaining first-run copies, drop me a line and I'll hook you up. Now, on to talk of more talented musicians....

Here's your concert outlook for the upcoming week: it'd be more appropriate to see them on Halloween, but the day after is close enough for Type O Negative, who'll have Korn-wannabes Simon Says in tow tomorrow night at the Avalon. Thursday night, cult favorites Buffalo Tom hit the recently reopened Paradise Rock Club, while at Bill's Bar, there's a show with the excellent local band Canine.

If you were intrigued by my promotion of Mercury Prize Winner Badly Drawn Boy last week, you'll be more intrigued by the fact that he's playing the Paradise on Friday. Poe, whose new album, *Haunted*, hits the shelves today, will be doing a gig at Borders Books and Music on Saturday night. And Sunday, 311 continue their rich tradition of having superior bands as openers; this time around Zebrahead outshines them at the Avalon.

Believe it or not, U2 haven't released an album of original material since the much-maligned but quite creative *Pop*. That ends today, with the debut of *All You Can't Leave Behind*. Another high profile release comes from Massachusetts's own contribution to modern metal, Godsmack (*Awake*). As mentioned above, the new Poe disc is now available, and the first single, "Walk The Walk," is frankly worth the price of the album. Other releases today include two (yes, two) CDs by the Insane Clown Posse, enigmatically titled *Bizarrr* and *Bizzarr*, an EP from the Chemical Brothers with the A-side "Music: Response," and a new Southern Culture On The Skids record called *Liquored Up And Lacquered Up*.

I know this won't be a popular opinion, but I'm not too upset about vocalist Zach De La Rocha's departure from Rage Against The Machine. Tom Morello is an incredible and innovative guitarist, and I often wonder if the band's music would be even better if it were supplemented by melodies instead of screaming. Perhaps I'll get the chance to find out soon enough.

One of the great things about buying singles (in fact, the only thing that makes them worth buying) is the B-sides and remixes. Unfortunately, you rarely know what you're going to get when the first track ends. Here's a handful of remixes worth checking out, whether on the singles rack or the Internet. BT's "Never Gonna Come Back Down" is currently reigning as my favorite song of all time, and Paul DiCarti's intense interpretation might actually be an improvement. Waiting impatiently for the U.S. release of Placebo's new album? Sate your hunger with the imported New Wave Mix of the second single, "Slave To The Wage." Finally, delving into the archives a bit, if you like UNKLE's album, *Psyence Fiction*, I recommend hunting down "The Knock On Effect," a guitar-heavy alternate version of "Drums Of Death II" assembled by Oasis's Noel Gallagher.

That's all the time I can afford to take out of my brutal schedule. If you'd like to distract me with further questions, comments, or propositions, I can be reached as always at airwaves@the-tech.mit.edu. Until next week, check out the web site, come see Children of Eden, eat meat, hug a tree, drink Pepsi, and oh, yeah... keep expanding your horizons.



DANNY CLINCH—UNIVERSAL RECORDS

Massachusetts natives Godsmack (from left, Tony Rombola, Sully Erna, Robbie Merrill, and Tommy Stewart) release their new album, *Awake*, today.

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Vassar St. Dorm Building Starts

Vassar Street has become a busier place lately due to the beginning of construction of the new undergraduate dormitory.

Jeffrey C. Roberts '02, Dormcon President and a member of the Founder's Group, a committee formed to facilitate the creation of the living community in the new undergraduate residence, said that "the new dorm is on schedule to be completed by fall 2002."

"The site has already been cleared," said Roberts, "and excavation will be taking place for the next month along with digging and placing some of the preliminary foundation."

There will be a ceremonial groundbreaking in early December, which Roberts hopes will "get student interested in this new part of the community."

Roberts said that the Founder's Group is still looking into a few issues concerning the new dorm and how it will fit into the campus community. One the main aspects of the dorm that concerns the Founder's Group is "getting people to recognize the new dorm as a part of the campus," said Roberts, "even though its location will be apart from most other dorms."

The Founder's Group is also working on easing the transition of the new building and trying to get people who are currently freshmen and sophomores to move in once the dorm is complete.

"Hopefully we can sell people on the new dorm by presenting it as something completely new," Roberts said. "We are not trying to make a copy of any existing dorm."

"We want people to move in who want to see something different in residential life. This will be a new type of community that the new residents will be able to define."

— Melissa Cain

GSC Receives Two Awards

The Graduate Student Council received two major awards this past weekend at a national conference of graduate student governments.

The National Association of Graduate-Professional Students honored the GSC for helping to organize the Career Fair and for advocating affordable housing for graduate students.

This year, one award went to the MIT Career Fair, a joint initiative of the GSC, the Society of Women Engineers, and the Class of 2001, for the employment opportunities it presented to graduate students. Another went to the GSC's "affordable housing initiatives," for the GSC's persistence and its constant involvement with the design of the new graduate student dormitories.

NAGPS also honored the GSC by inviting its members to deliver a presentation on "the deficiencies at MIT, and the disequilibrium of grad student programs when compared to undergrads," said GSC President Soulaymane Kachani G.

Additionally, two GSC officers were elected to NAGPS positions at the national level, and two were elected as state coordinators.

"MIT has started to be very active [in NAGPS] just this year," Kachani added. He hopes that this national recognition "will give us more legitimacy with the senior administration."

— Jennifer Krishnan



CHARLES BOATIN—THE TECH

Ana I. Tinajero '04 strikes a flamboyant pose during Casino Rueda's performance at the Caribbean Cultural show last Saturday night in Lobdell. Casino Rueda won first prize in a competition held for performers.

CAMPUS CONSTRUCTION UPDATE

SIMMONS HALL

Steel piling installation continues for three weeks causing excessive noise and some vibration to surrounding area. Excavation of soil will begin this week and continue through the end of November. Project completion: August 2002

STATA CENTER

The excavation of the 3.2 acre Stata Center site is underway, bringing with it a constant flow of heavy trucks, vibration, noise and traffic disruption for the next four months. Major sources of noise will be from the trucks and from pounding the tie rods into the slurry walls. Soil excavation could produce a sulfur odor due to organic material. The organic material in the soil is comprised of materials remaining from the wetlands that lay beneath that section of campus before it was filled and built upon.

SPORTS AND FITNESS CENTER

Beginning Monday, October 30, half of Kresge Lot will be used as the construction staging area. Overflow parking will be available in the West Garage for Kresge permit holders. Pedestrian access will be detoured by the construction fence:

web.mit.edu/facilities/www/construction/saf/index.html

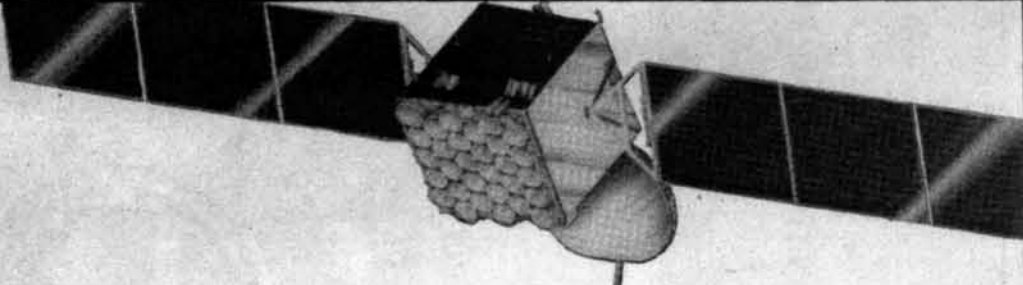
AMES AND AMHERST STREETS

Utility relocation work will disrupt both vehicular and pedestrian traffic through the end of the year. The work is part of the Media Lab expansion. Project completion: December 2003.

ALBANY STREET GARAGE

As part of the utility expansion, the walkway between buildings 42 and 44 at the railroad crossing connecting Vassar Street to the Albany Garage will be closed to pedestrian traffic beginning October 30 through early December.

This information provided by the MIT Department of Facilities: web.mit.edu/facilities/www/construction/



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NATHAN COLLINS—THE TECH

Marketa Valterova '00 and Vis Taraz '01, Coffeehouse employees, react to the news that Toscanini's will leave the Student Center.

Debt Concerns Walsh

Tosci's, from Page 1

the current format for the Dome Cafe. He added that Tosci's will also explore other sales options besides opening another store. The chain currently sells through Kozmo.com and through direct sales, which could be an option for ice-cream deprived students. Campus Activities Complex Director Phillip J. Walsh said that the issue of non-payment was a serious matter. "If the action being done is because of a nonpayment of rent, then that's a legitimate issue," he said. "One obligation [of

renting space] is paying your rent We can't just look the other way." In addressing Rancatore's views on competition, Walsh said MIT was doing its part to increase competition on campus. "We've been working hard to eliminate some of those things," he said. "In business, it's always about competition. Consumers benefit from that." Rancatore has received accommodations in the past, Walsh added. Jennifer Krishnan contributed to the reporting of this story.

Struik Remembered for Work and Ideals

Struik, from Page 1

times because he gave the "most beautiful lectures." Struik was suspended from MIT for four years in the 1950s because he refused to cooperate with the House Unamerican Committee in its investigations. He was later allowed back, with an MIT committee condemning his behavior as "conduct unbecoming of an MIT professor."

Spencer praises Struik as a great human being who refused to destroy the careers of his colleagues, even at the risk of being jailed. "He was active in housing refugees in the 1940s and getting mathematicians and musicians out of Hitler's Europe. He urged people to understand the Russians' math and culture instead of being intent on killing them," she said.

Struik retired as Professor Emeritus of Mathematics in 1960, but remained intellectually active, continuing to lecture at MIT forums,

among other activities. In 1972, Harvard University made him an honorary research associate in the History of Science Department.

Since then, Struik went on to earn a Gold Medal of Achievement and the first Kenneth Ownsworth May Prize for his work in the history and development of mathematics. Struik is also honored on an aluminum History of Math ceiling at the University of Connecticut, along with his own professor from Holland.

Dirk J. Struik is survived by three daughters, ten grandchildren, and three great-grandchildren. Details of an MIT memorial service have yet to be determined. However, the University of Connecticut is holding a commemoration for Struik on November 14th. Spencer plans to show a video of one of Struik's lectures and have pizza for the students. One of Struik's daughters is expected to give a speech at the commemoration.

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Question 7 Would Encourage Giving

By Michael J. Ring
CONTRIBUTING EDITOR

Question 7, the third of three tax policy questions on the Massachusetts state ballot, would allow Bay State taxpayers to deduct charitable contributions from their personal income taxes.

If Question 7 passes, a Massachusetts taxpayer would be allowed to deduct an amount equal to his charitable contributions from his taxable income. The deduction may be taken for any contribution that is considered a charitable contribution under federal tax policy. Question 7 would also allow a state taxpayer to deduct charitable contributions regardless of whether the taxpayer itemized contributions on his federal tax return. The provisions of Question 7 would become effective on January 1, 2001.

The vote on Question 7 is largely irrelevant because, earlier this year, lawmakers passed an income tax deduction for charitable giving. But because the deduction was passed after the final certification of referenda to appear on the ballot, Question 7 remains before Massachusetts voters. A "yes" vote on Question 7 therefore serves as more of a ratifi-

cation of the action taken by legislators this summer rather than a change in policy.

Proponents of the tax deduction argue that passage of Question 7 will increase the amount of charitable donations in Massachusetts. Before the General Court passed a deduction, Massachusetts was only one of eight states that did not include such a provision in its tax code. Supporters of Question 7 cite this as one of the reasons that Bay State citizens give much less to charity than do residents of other states. The Catalogue of Philanthropy placed the Commonwealth last among the 50 states in per capita charitable contributions this year.

The Committee to Encourage Charitable Giving, which backs Question 7, believes that up to \$220 million per year in contributions may be generated as a result of the tax policy change.

There is no organized opposition to Question 7. State Sen. Michael Morrissey (D-Quincy) authored an opposing statement in the official state voter's guide, in which he said that Question 7 could create tax loopholes that would allow wealthy donors to set up foundations, receive large tax writeoffs, and then use foundation funds to pay personal expenses.

Question 2 May Limit Felons' Right to Vote

By May Zhou
STAFF REPORTER

Question 2 is a proposed amendment to the constitution of the Commonwealth of Massachusetts that, if passed, would limit the voting rights of convicted felons.

Massachusetts is currently one of only three states that allow felons to vote while in jail. Felons may vote by absentee ballot in their city or town of residence before incarceration. Enactment of Question 2 would prohibit jailed felons from voting in elections for governor, lieutenant governor, state senator, state representative, and other state government officials.

Though the right of prisoners to vote was affirmed by the state's Supreme Judicial Court in 1977, Question 2 has not produced very passionate political clashes. The initiative has been overshadowed by other controversial petitions this year.

Those supporting Question 2 have rallied behind the Massachusetts House Minority Leader, Francis L. Marini (R-Hanson). In his argument printed in the voter's guide to the ballot questions, Marini writes "a yes vote will protect democracy's greatest gift—the right to vote, by reserving it for the law-abiding."

Marini and other supporters point out that the basic purpose of incarceration is to deprive convicts

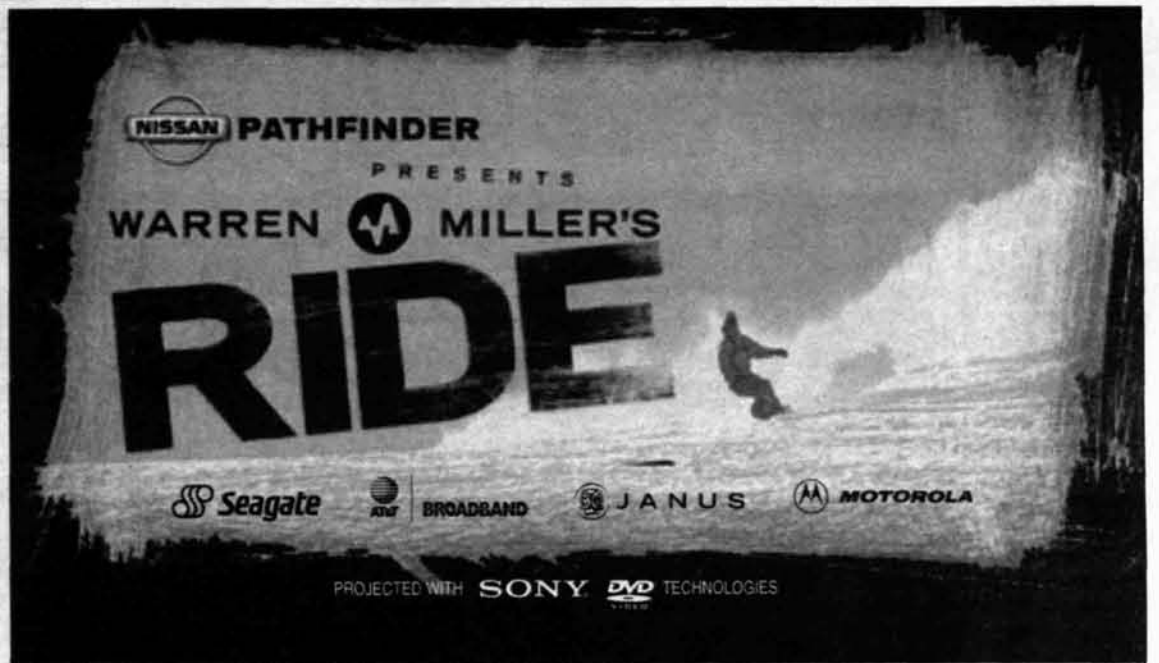
of control over their own lives, whereas the present law allows them to continue exercising control over the lives of their fellow citizens.

The Criminal Justice Policy Coalition, standing in opposition to Question 2, cites the impairment of democracy and the narrowing of fundamental rights as reasons to vote against the question. The coalition argues that there has been no allegations of prisoner voting as being harmful to the social fabric or democratic process. Its written argument states that "stripping incarcerated felons of their right to vote serves no public safety function."

Solution to Crossword

from page 13

P	I	R	A	T	E	F	L	I	P	O	C	T				
B	O	O	M	E	R	L	O	N	I	B	A	R				
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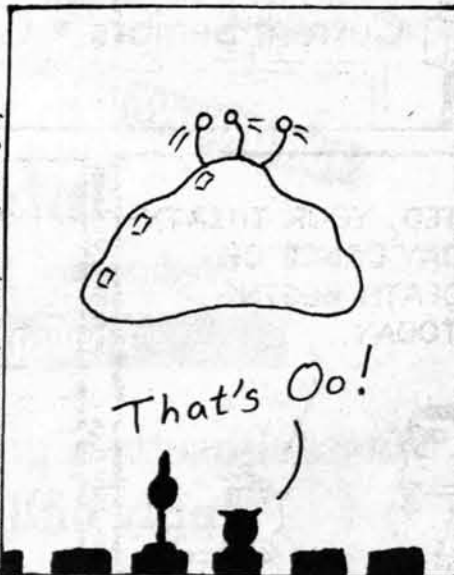
by Jennifer DiMase



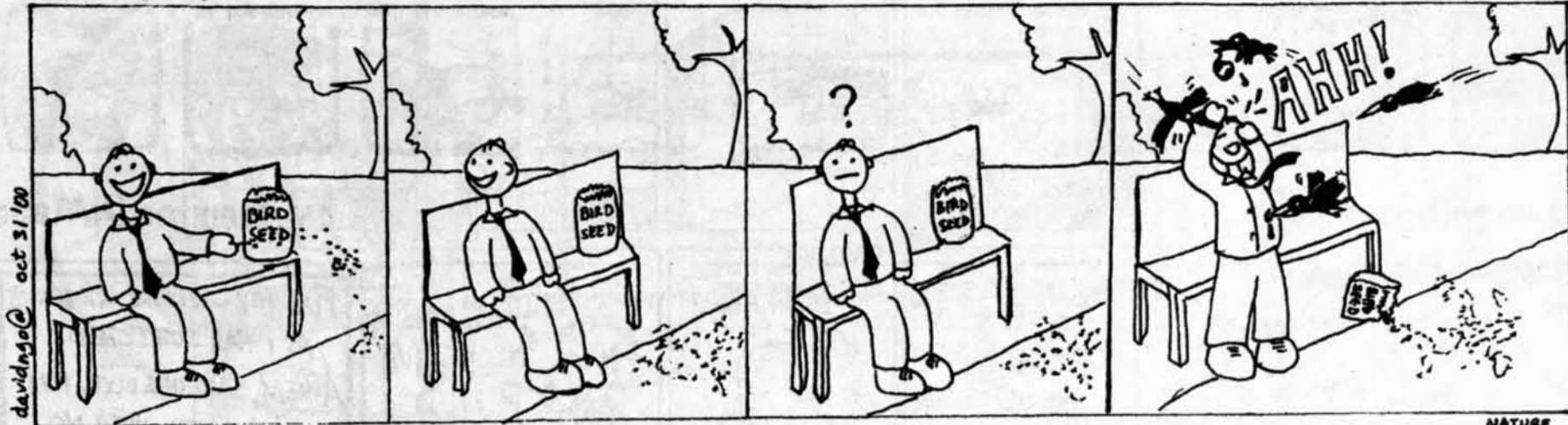
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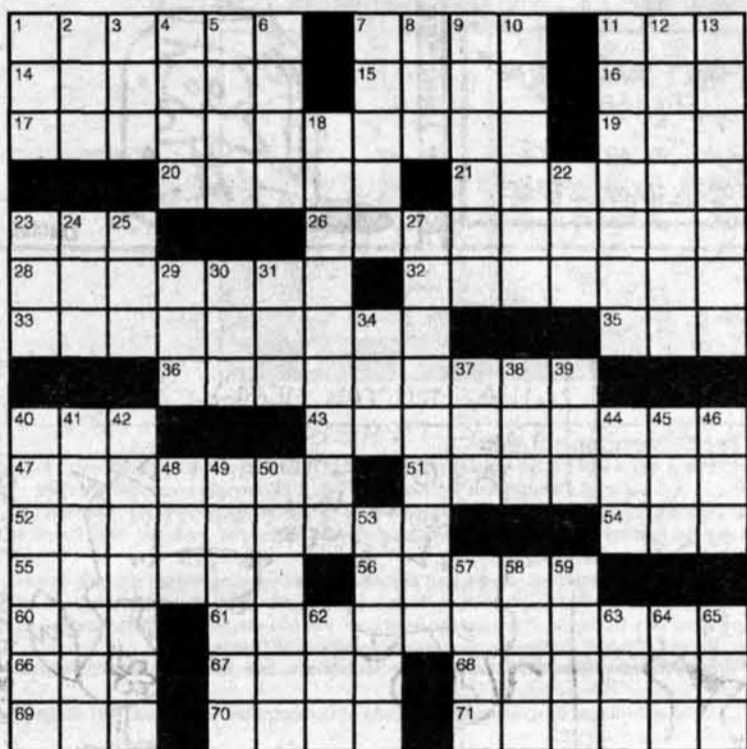
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NATURE

Crossword Puzzle

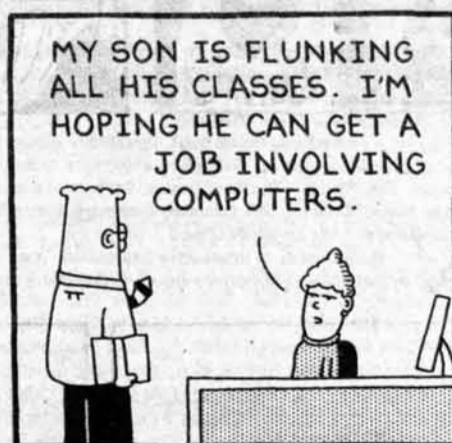
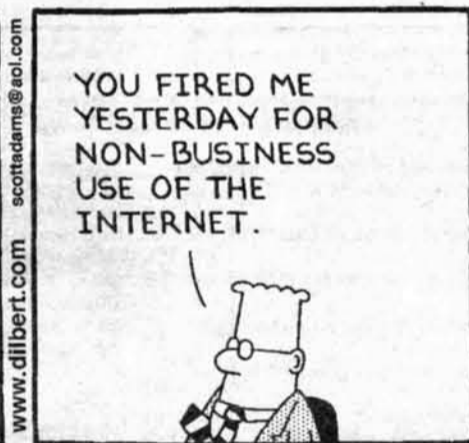


- ACROSS**
- 1 Freebooter
 - 7 Coin toss
 - 11 10 of calendars
 - 14 Ex-QB Esiason
 - 15 Burt's ex
 - 16 Prohibit
 - 17 Dunkings
 - 19 Pint drink
 - 20 Actor Davis
 - 21 In conflict
 - 23 Mil. rank
 - 26 Pleases
 - 28 Pittsburgh player
 - 32 State support
 - 33 Switch back and forth
 - 35 Holds
 - 36 Fences and walls, e.g.
 - 40 Today's LPs
 - 43 Moving
 - 47 Input data again
 - 51 Mark of homers
 - 52 Comply without protest
 - 54 Tent stake
 - 55 Twofold
 - 56 "Seascape" playwright
 - 60 Potash
 - 61 Marie's brother
 - 66 Cave-dwelling fish
 - 67 End of a switch?
 - 68 Reverse dive
 - 69 Deg. with teeth
 - 70 Stitched
 - 71 Something beyond doubt
- DOWN**
- 1 Network of "Nova"
 - 2 Debt letters
 - 3 Reiner or Lowe
 - 4 Bullets, briefly
 - 5 Golf shop purchase
 - 6 Makes mistakes
 - 7 Pamphlet
 - 8 Old card game
 - 9 Existing naturally
 - 10 Female part of a flower
 - 11 Shortest book of the Old Testament
 - 12 Volcanic crater
 - 13 Locks and shocks
 - 18 Flag-wavers, of a sort
 - 22 ___ and running
 - 23 Tubs in Bath
 - 24 Become a jelly
 - 25 Lethal letters
 - 27 Profoundly
 - 29 Whiz lead-in
 - 30 Vase with a base
 - 31 Abbr. for a business
 - 34 Cruise in Hollywood
 - 37 And so forth: abbr.
 - 38 Put in the fix
 - 39 Scatter seed
 - 40 Held in one's arms
 - 41 Lured
 - 42 Follow-up films
 - 44 Puppy bite
 - 45 Exist
 - 46 Part of a tour
 - 48 Crux
 - 49 Spanish accents
 - 50 Friend of Pooh
 - 53 Secular law
 - 57 Fens
 - 58 Jacob's twin
 - 59 Eastern ruler
 - 62 At present
 - 63 Indefinite pronoun
 - 64 Bottom-line figure
 - 65 Arid

Solution on page 11

by Scott Adams

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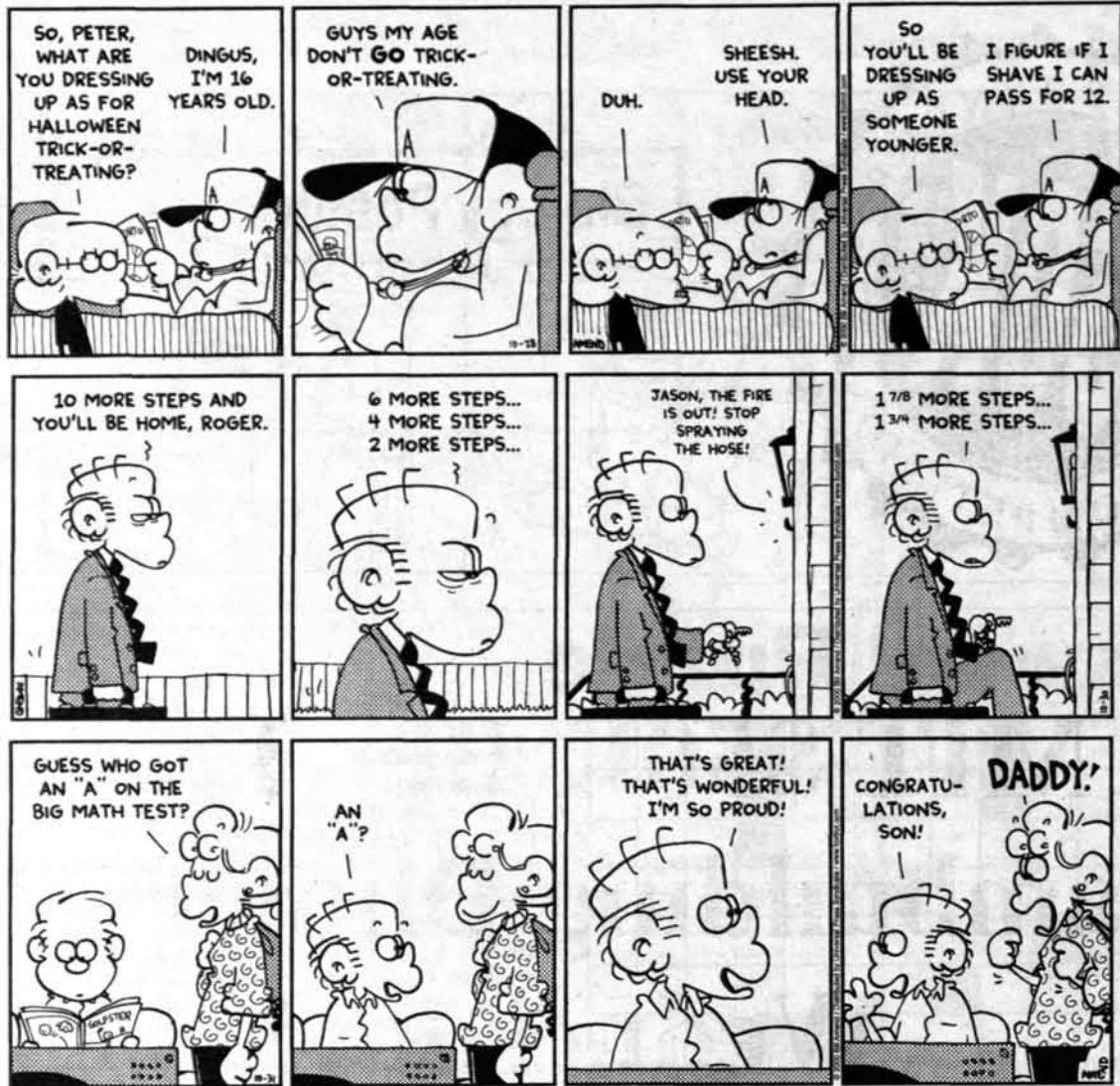
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by Bill Amend
FoxTrot



Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Tuesday, October 31

- 9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
- 9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children.** Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
- 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
- 12:00 p.m. - 1:00 p.m. - **Photo-Switching Between Conformations of Red and Green Fluorescent Proteins.** free. Room: Marlar Lounge 37-252. Sponsor: Research Lab of Electronics, Spectroscopy Laboratory. Rowland Institute for Science.
- 12:10 p.m. - **GABLES Monthly Lunch.** GABLES is the Gay, Bisexual, and Lesbian Employees and Supporters group. Each month, on the last working day, we gather to enjoy lunch and the company of our colleagues and friends. Occasionally there are discussions of topical interest, however the focus of this event is social. The organization also works to advance the interests of GBLT employees at MIT. The lunches are open to anyone in the wider MIT community interested in our work. We have often welcomed guests from other universities and. 0.00. Room: To be announced. Sponsor: GABLES.
- 2:30 p.m. - 3:30 p.m. - **Fractal Patterns as Iterations of Conformal Maps.** Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar. Department of Mathematics.
- 4:00 p.m. - 5:00 p.m. - **High Performance Demonstration of Magnetic Tunnel Junction Random Access Memory, a Potential Universal RAM.** MTL VLSI Seminar Series. free. Room: 34-101 (Refreshments at 3:30). Sponsor: MTL VLSI Seminar.
- 4:00 p.m. - 5:00 p.m. - **The Resistive Wall Instability and Critical Flow Velocity.** free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.
- 4:00 p.m. - 5:00 p.m. - **LIDS Colloquium.** Abstract:TBA. free. Room: Laboratory for Information and Decision Systems, room 35-225. Sponsor: LIDS Colloquium.
- 4:15 p.m. - 5:30 p.m. - **Gas Turbine Laboratory Seminar Series.** Breakthroughs in Flow Control Technology for Next-Generation Aeropropulsion. free. Room: 31-161. Sponsor: Gas Turbine Laboratory.
- 4:30 p.m. - 6:00 p.m. - **Lecture 4: "B-fields and twisted K-theory".** free. Room: Room 4-231 at MIT. Sponsor: Harvard-MIT Mathematical Physics Seminar.
- 6:00 p.m. 00 a.m. - **Tech Songs, 1903.** Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Hallway exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
- 7:00 p.m. - **MIT Concert Band Halloween Concert.** Thomas Reynolds, Director; Jennifer Hazel and Robert Rucinski '99, Assistant Conductors; Performing works by Bernstein, Holst, and Shostakovich. free. Room: W20, 1st Floor. Sponsor: Concert Band.
- 9:00 p.m. - 5:00 p.m. **Renewing the MIT Landscape: Work by the Olin Partnership.** Part of a continuing series of exhibitions focused on current architectural and planning projects at MIT. MIT confronts the challenges of both restoring and rethinking its fabric as it embarks on ambitious capital projects to bring it into the 21st century. Critical to this process is the work of the Olin Partnership, whose designs for public spaces will link new facilities with MIT's historic core. The exhibition features drawings by Laurie Olin illustrating the evolution of his strategy for addressing MIT's complex requirements as an institution, urban setting and social system. free. Room: Wolk Gallery (Rm 7-338). Sponsor: Department of Architecture.

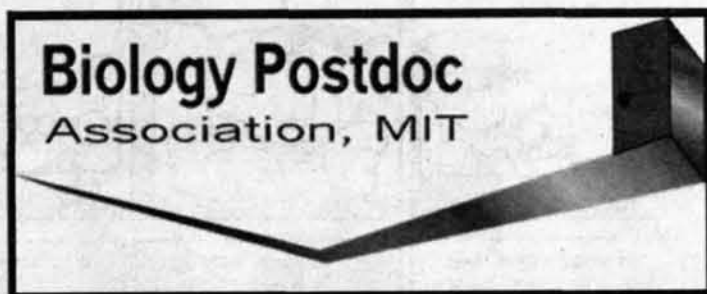
Wednesday, November 1

- 12:00 a.m. - 11:59 p.m. - **CCRR Grants Application Deadline.** This month's deadline for submitting applications to the CCRR Grants Program. free. Sponsor: Committee on Campus Race Relations.
- 9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
- 11:00 a.m. - 12:00 p.m. - **The Alliance of Ultrafast and Ultrastable: Measuring Optical Frequencies with Mode-Locked Lasers.** free. Room: 34-101B, Grier Room. Sponsor: Optics.
- 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
- 12:00 p.m. - 1:00 p.m. - **Artists Behind the Desk Concert: Peter Allen, composer, vocalist, synthesizer demo.** Mr. Allen is a senior technician, electrical-mechanical with MIT's Magnet Laboratory. free. Room: Killian Hall. Sponsor: Artists Behind the Desk, a task group of the Working Group on Support Staff Issues.
- 12:00 p.m. - 1:00 p.m. - **TSM (ADSM) Backup Software Quick Start.** Learn how to download, install and configure TSM, formerly ADSM, for backing up your files to a secure server over the network. Discuss your TSM questions with technical staff. free. Room: N42 Demo Center. Sponsor: Information Systems.
- 12:00 p.m. - 1:30 p.m. - **Asian Security.** free. Room: E38-615. Sponsor: Security Studies Program.
- 3:00 p.m. - 4:30 p.m. - **Weekly Practice Session for Oral Presentations.** Practice oral presentations and get professional feedback from Dr. Steven Strang, director of MIT's Writing and Communication Center. free. Room: 14N-325. Sponsor: Writing and Communication Center.
- 3:00 p.m. - 5:00 p.m. - **Crosstalk Seminar: Distributed Collaborative Learning Innovation.** THE CASE FOR DISTRIBUTED COLLABORATIVE LEARNING INNOVATION: Larry Leifer has been a member of the Stanford faculty since 1976; there he teaches "Team-Based Product Design-Development with Corporate Partners," a masters level course and the Design Theory and Methodology Forum for PhD candidates in Design Research. He was founding director of the Stanford/VA Rehabilitation R&D Center, where his research dealt with assistive robotics and cogni-

- 5:00 p.m. - 9:00 p.m. - **Spouses and Partners@MIT - Share your culture.** Please bring something that reminds you of your home that you would like to share with the group. It could be a book, music, food, clothing, photograph or anything else that is special to you. Of course, if you are the quiet type, you can simply come, listen and learn! Childcare provided. free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.
- 4:00 p.m. - 5:00 p.m. - **Nanostructures Seminar Series.** "Protein Microarrays. free. Room: 34-401B (Refreshments Served at 3:30 pm). Sponsor: Nanostructures Laboratory.
- 4:00 p.m. - 5:00 p.m. - **Linear and Integer Programming: A Decade of Computation.** free. Room: MIT Room 1-190. Sponsor: Singapore-MIT Alliance/HPCEs.
- 6:00 p.m. - 9:00 p.m. - **Start-up Clinic.** Attendees discover how to present a business plan to potential investors. Two pre-selected companies present their business plans and receive feedback from a panel of experts and the audience over an informal dinner. The key learning points include how plans and presentations are evaluated; what investors and evaluators look for, and how to fine-tune plans and presentations. These events are limited to 60 preregistered individuals. \$35 for Forum members & students; \$45 non-members. Room: MIT Faculty Club, Bldg. E52. Sponsor: MIT Enterprise Forum of Cambridge, Inc.
- 6:30 p.m. - 7:15 p.m. - **MITgaard Weekly Meeting.** free. Room: Student Center, PDR#3. Sponsor: Society for Creative Anachronism.
- 8:00 p.m. - 10:00 p.m. - **International Film Club Film Seminar.** Consult our web page for this weeks title: <http://web.mit.edu/ifilm/www>. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.
- 9:00 p.m. - 5:00 p.m. - **Renewing the MIT Landscape: Work by the Olin Partnership.** Part of a continuing series of exhibitions focused on current architectural and planning projects at MIT. MIT confronts the challenges of both restoring and rethinking its fabric as it embarks on ambitious capital projects to bring it into the 21st century. Critical to this process is the work of the Olin Partnership, whose designs for public spaces will link new facilities with MIT's historic core. The exhibition features drawings by Laurie Olin illustrating the evolution of his strategy for addressing MIT's complex requirements as an institution, urban setting and social system. free. Room: Wolk Gallery (Rm 7-338). Sponsor: Department of Architecture.
- 00 a.m. - **Reflections in Dreamscape II.** Series of pastel paintings by Changhui Yang (G), based on a painting trip to Lyme Regis, a small sea town on the south coast of England. free. Room: Wiesner Student Art Gallery (2nd floor Student Ctr). Sponsor: Campus Activities Complex.

Thursday, November 2

- 9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466. Sponsor: Sloan School of Management.
- 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
- 12:00 p.m. - 1:00 p.m. - **PowerPoint Quick Start.** PowerPoint makes it easy to jazz up your presentations. Get an introduction to what PowerPoint can do. Find out how to create shows. Learn how to use drawing tools, graphics, and create handouts. free. Room: N42 Demo Center. Sponsor: Information Systems.
- 12:00 p.m. - **Noon Chapel Concert: MIT Chamber Orchestra.** Dante Anzolini, director. free. Room: MIT Chapel. Sponsor: Music and Theater Arts Concerts Office.
- 3:00 p.m. - 5:00 p.m. - **Experiences in Interactive Expression.** Open discussion by visiting artists highlighting the history of interactive digital art & contemporary issues in the field. free. Room: Rm N52-390. Sponsor: Center for Advanced Visual Studies.
- 4:00 p.m. - 5:00 p.m. - **TBA.** free. Room: Rm 54-915. Sponsor: MIT Atmospheric Science Seminars.
- 7:00 p.m. - **MIT Writers Series: Jhumpa Lahiri.** Readings by the Pulitzer Prize winner. Her collection of short stories, *Interpreter of Maladies* from Boston, Bengal and Beyond, won the 2000 Pulitzer Prize for fiction. The story "Interpreter of Maladies" has been selected for both the O. Henry Award and inclusion in *The Best American Short Stories*. free. Room: Rm 10-250. Sponsor: Writing and Humanistic Studies.
- 7:00 p.m. - **LSC Presents Douglas Adams.** "Parrots, The Universe, and Everything". Douglas Adams is the author of "The Hitchhiker's Guide to the Galaxy" series. He will be talking about his travel escapades for BBC radio, as detailed in his book "Last Chance to See." This program is Adams' favorite to present, and his funniest. The talk will be followed by a question and answer session. \$5 - current MIT students, \$8 - MIT Alumni/Faculty/Staff, \$10 - non-MIT. Room: MIT Room 26-100. Sponsor: LSC.
- 8:00 p.m. - **Richard III.** Shakespeare Ensemble production directed by Kurt Lancaster; Fight Choreographer: Richard Hedderman. \$8, \$6 students with ID and senior citizens. Room: Kresge Little Theater. Sponsor: Shakespeare Ensemble.
- 8:00 p.m. - 10:00 p.m. - **Sara Wheeler.** Sara Wheeler's sound is a contagious folk/rock incorporating progressive styles. This event is the latest installment in the weekly Thursday Night Coffeehouse series. Take a study break and check out the newly renovated Coffeehouse! <http://www.sarawheeler.com>. free. Room: The Coffeehouse, Third Floor Stratton Student Center. Sponsor: CAC Program Board.
- 9:00 p.m. - 5:00 p.m. - **Renewing the MIT Landscape: Work by the Olin Partnership.** Part of a continuing series of exhibitions focused on current architectural and planning projects at MIT. MIT confronts the challenges of both restoring and rethinking its fabric as it embarks on ambitious capital projects to bring it into the 21st century. Critical to this process is the work of the Olin Partnership, whose designs for public spaces will link new facilities with MIT's historic core. The exhibition features drawings by Laurie Olin illustrating the evolution of his strategy for addressing MIT's complex requirements as an institution, urban setting and social system. free. Room: Wolk Gallery (Rm 7-338). Sponsor: Department of Architecture.
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MIT \$50K Bio-Tech Teambuilding Dinner This Wednesday!

Our third team-building dinner focuses on bringing together individuals in the biotech, life sciences, and medical devices fields.

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**Wednesday, Nov. 1
7 PM E51-325**

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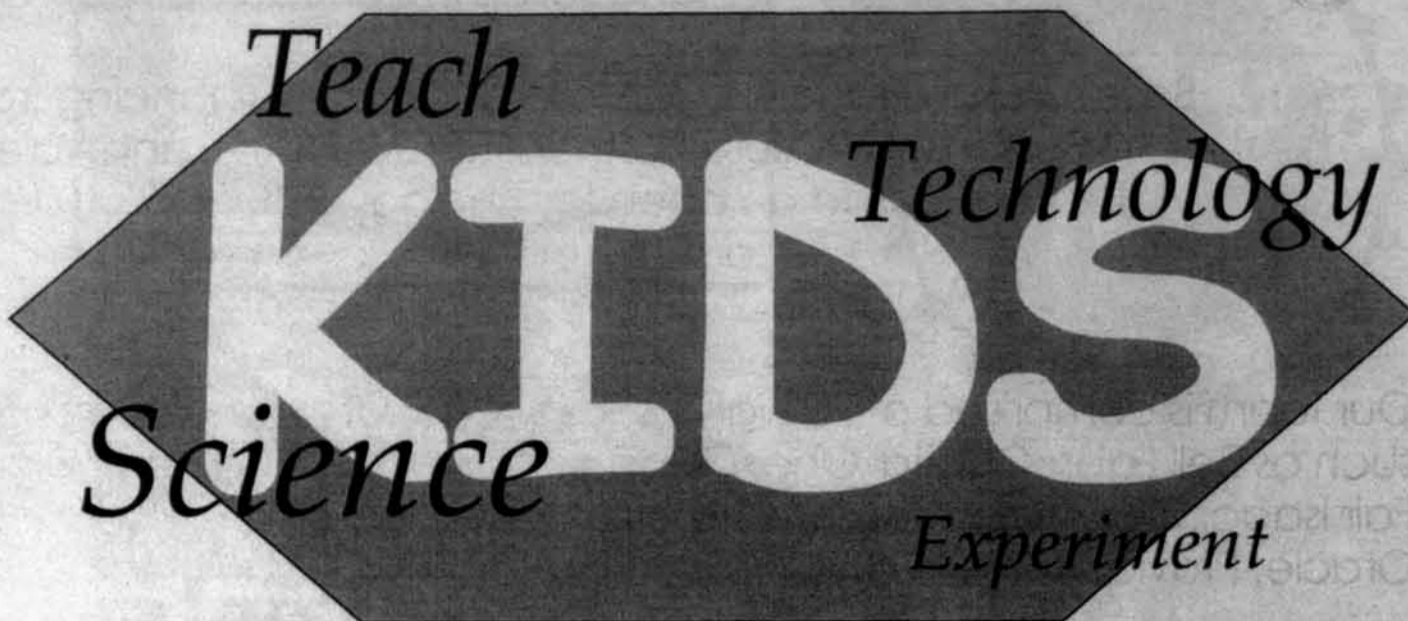
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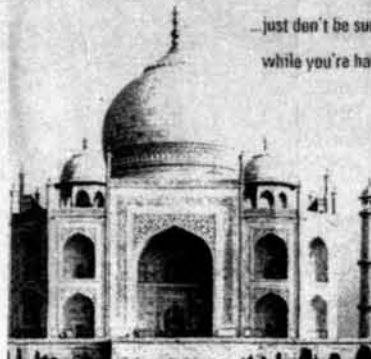
Flyhalf Vanessa Li '02 and fullback Chantalle Forgues tackle a URI player just a few feet before the 22 meter line. MIT was defeated 51-0 in their last league match; MIT's next home rugby match is against Northeastern on Saturday, Nov. 5th.

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Lost Space Concerns Students

Athletics Center, from Page 1

director of Sports Information. "We were also extremely happy with the number of people who turned out. Obviously sports is a very important part of campus life, and the people treated it as such," Crosley said.

MIT pledged to build the center in 1998. Building for the facility was scheduled to begin in July 1999 but was delayed a year because "the funding that was needed to get the building started had not been received by that point, so it was necessary to put the building on hold for a year," Crosley said.

The project was slated to cost about \$40 million. It will now cost between \$45 and \$52 million, Crosley said. The groundbreaking was late, but "we were happy just to get to that day. It's all been worth it," Crosley said.

Fundraising for the project was heavily dependent on outside donors. In addition to Albert Zesiger '51 and Barrie Zesiger, four other couples donated money toward the project: Thomas Gerrity '63 and Ann Gerrity, Thomas Folger '49 and Dorothy Folger, Alexander d'Arbeloff '49 and Brit d'Arbeloff SM '61, and Tom and Nicole Hynes, whose son Tod Hynes '02 plays on the football team.

Center has its drawbacks

Although many think an investment in athletics is long overdue, some members of the MIT community have concerns about the impact the new building will have on the campus's green spaces and about the ability of a building alone to address all the shortcomings of the athletics program at MIT.

The new athletics facility will take up the green space where students currently hold barbecues and other events with no real way of making it up elsewhere.

"We had to put [the building] up in the footprint that was available to us, and unfortunately, [the courtyard] was the only one that's available. We don't have enough field space that we could afford to use some west of Johnson," Crosley said.

The athletics department was also looking for a space close to the existing sports centers. There had been occasional problems with having the Alumni Pool on the east side of campus, Crosley said.

There will be landscaping around the building, Benedict said, but "there really isn't more space to create" in terms of creating more space.

"We're a very landlocked campus so I think we're going to end up sacrificing some land," he said. "But in terms of the tradeoff in what it's going to do for student life, it's a necessary and worthwhile decision."

Athletics hopes for more support

While the building is an important investment in athletics at MIT, the department hopes for more funding to support programming as well. Earlier this year, the athletics department had to cut many JV teams for lack of funding.

With the building of the new center, Crosley said, the student athletics fee will increase, although he is not yet sure by how much. Because the student fee is part of tuition, however, Crosley said that students would not feel the change. The fee will also increase for faculty and staff.

In February, the athletics department got rid of the \$20 athletics card that students could buy to gain a year's access to sports facilities, and replaced it with a \$50 athletics fee included in tuition for every student.

"Dean Benedict has visited and made a promise to us that he's going to request more money for the athletics operating budget, and

we're hopeful that he'll be successful," Crosley said.

"My observation is that athletics has been underfunded for some time now. Clearly we need to find some more resources, which I'm prepared to do, but it must be done in a systematic way." Plans for organizing fundraising efforts are still ahead.

But the Zesiger center will come

by varsity teams, junior varsity teams, intramural teams and individuals. Certain features, like an Olympic-class 50-meter pool with a separate teaching pool and six squash courts, will replace the existing function of the Alumni Pool in east campus. The center will also provide additional space for activities that go on in Du Pont. Currently Du Pont houses a fitness

room big enough for 50 people, but the new building will have a health-fitness center that can accommodate 200 to 250 users, as well as a multi-use court for vol-

leyball, aerobics, basketball, and in-line hockey.

Also, there will be 600 lockers in addition to swimming and water polo team rooms, and there will be a sports medicine center and administrative offices.

The architectural firms of Roche & Dinkeloo and Sasaki Associates designed the building.

*"We're a very landlocked campus so I think we're going to end up sacrificing some land."
— Larry G. Benedict, Dean for Student Life*

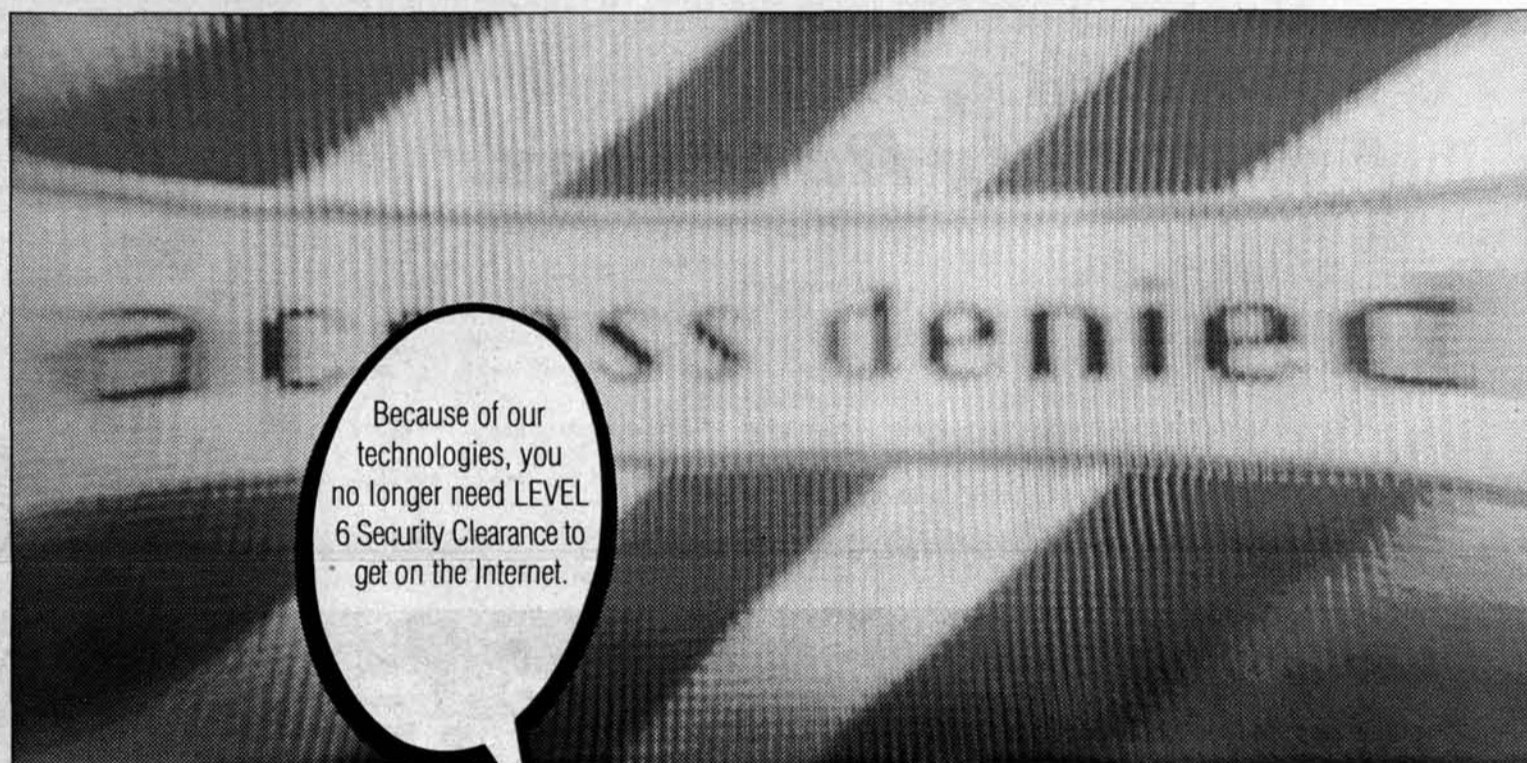
with at least some support for programming. "In terms of the new building, the staff are putting together a business plan that includes money for new programming around fitness and around health issues," Benedict said.

New center has pool, lockers

The athletics center will be used



President Vest announced on Friday that the new Sports and Fitness Center will be named after Albert Zesiger '51 and Barrie Zesiger, who are significant benefactors of the center.



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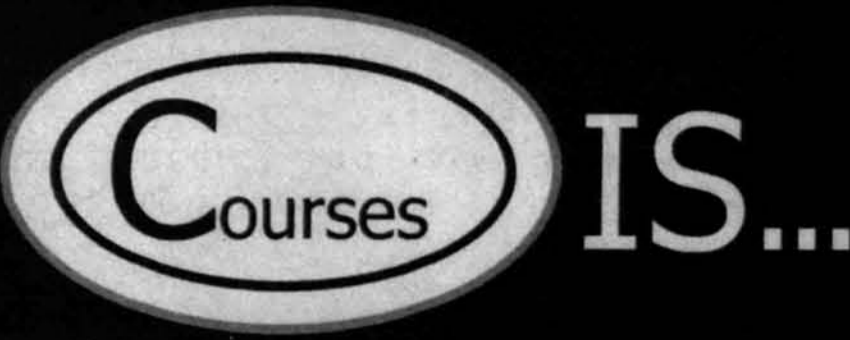


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Library Proposed For Central Square

Public Library, from Page 1

why the library cannot be expanded without infringing on the building that already exists," said Mary Platt, who is firmly opposed to the planned site on the corner of Prospect Street and Bishop Allen Drive. "The traffic on Bishop Allen Drive is horrendous."

The meeting began with a presentation of a feasibility report, commissioned by the Cambridge City Council, by Eric Pfeufer of Pfeufer/Richardson PC Architects. "We have basically determined," said Pfeufer, "that either of these sites (Central Square or Broadway) are feasible sites for construction of those facilities," including the

library and replacement parking lots, as the lots are currently used to ease the tight parking situation in Central Square.

Perhaps the highlights of the session were testimonials given by longtime resident Bill Jones and a neon-yellow-clad Peter Valentine.


Jones, reminiscing about the "good old days," said that the Prospect Street plot would be better served by "more low-cost housing," drawing cheers from those in attendance.

Valentine, on the other hand, claimed that "we need a world class symbol [of knowledge] in the city center. The library will be an aisle of peace" in the heart of Cambridge, Valentine said.



JAMES SNYDER—THE TECH

Mackie Bernadette's steeldrum band performed last Friday from 6-8 p.m. in Lobby 10. The performance was sponsored by MIT's Caribbean Club.



GSC

The MIT Graduate Student Council

office: Walker Memorial, 50-220 (above the Muddy)
 phone: 253-2195
 website: <http://web.mit.edu/gsc/www>
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Graduate Student Council
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“Meet Larry”

Wednesday November 1st
5:30-6:30pm
50-220

Meet our new Dean for Student Life, **DR. LARRY BENEDICT** and talk to him about graduate student issues!!!.

Important agenda items:

- > NAGPS awards for MIT GSC
- > GSC Representatives Retreat
- > Dental insurance plan for graduate students
- > Techlink

Activities Committee
 thanks
 all participants and student groups in

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for their role in making it
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November - Calendar

1

General Council Meeting*

All graduate students are welcome. Food is provided.
 * @ 5:30 in 50-220 (above the muddy)