

MIT E-mail Access Interrupted

By Keith J. Winstein
NEWS AND FEATURES DIRECTOR

Nearly five thousand Athena users were without e-mail Monday in what was said to be MIT's longest mail outage ever.

One of MIT's five mail servers, known as poll, was taken offline at 10:30 p.m. Sunday night. Service was restored at 12:45 a.m. Tuesday morning.

The outage was later traced to an obscure problem in the Sun Microsystems Solaris operating sys-

tem and is believed to have been triggered by a hardware failure, said Network Manager Jeffrey I. Schiller '79 of Information Systems' Network Services Team, which runs MIT's e-mail service.

"The mail's been queued, so we believe we will have no data loss," said Senior Systems Programmer Thomas J. Coppeto '89.

Schiller said that mail received and queued while poll was down would probably be delivered by Tuesday morning.

The machine serves 4,659 users who were randomly assigned to it, Coppeto said.

"This is the longest mail server outage I think we've ever had," he said.

Solaris bug believed responsible

"This is one of those 'not ever supposed to happen problem[s],'" the team said in a Web page posted to help explain the outage.

E-mail, Page 19

Committee Discusses Plans for Orientation

By Beckett W. Sterner
ASSOCIATE NEWS EDITOR

The Orientation Planning Committee is considering a summer reading assignment for freshmen to be implemented as soon as 2004.

The committee, formed this spring to plan events for the incoming freshmen this fall, presented the proposal to the Undergraduate Association at their monthly meeting last night.

The Orientation Planning Committee, chaired by Dean for Undergraduate Research J. Kim Vandiver PhD '75, conducted an informal survey of undergraduates' responses to the idea of a summer reading assignment. Dominik R. Rajieb '04, a student on the committee, said that the replies were "not particularly positive."

Originally considered for this year, the committee pushed back the proposal for a reading assignment to 2004 because of logistical difficulties. The plan may undergo scrutiny by another committee this fall, Rajieb said. He said that the idea came primarily from the faculty on the orientation committee, and that a similar reading program run by Duke University came up in discussions.

Faculty dinner to move to dorms

The committee examined new possibilities for faculty-student din-

ners, Undergraduate Research Opportunity Program tours, and the timing of the advanced standing exams offered at the beginning of the week.

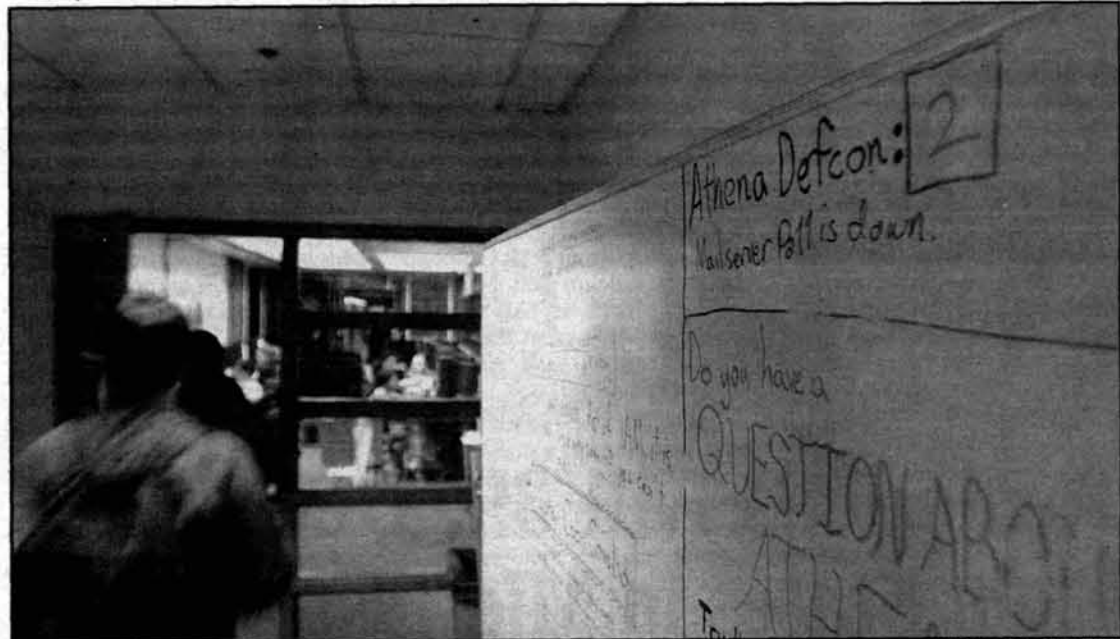
"We only got to look at a few events that we wanted to," Rajieb said at the presentation the committee's student members made to the Undergraduate Association last night.

So far, the main change the committee made is to split the student-faculty dinner into eight smaller events in different locations.

Which event the freshmen attend, Rajieb said, will depend on their temporary dormitory, with Simmons, Baker, Next House, McCormick, Burton Conner, and MacGregor eating in their respective dormitories. Senior House and East Campus will be hosted at Walker Memorial and Bexley, Random Hall, and New House would meet in La Sala at the Student Center.

The committee's presentation also addressed scheduling for the advanced standing exams. Committee member Kathy Lin '06 said that some members were "not too comfortable with freshmen coming in and failing the first three exams they take." [Lin is also a Tech associate news editor.]

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FRANK DABEK—THE TECH

The Student Information Processing Board's Athena DefCon stood at 2 Monday night — one step away from catastrophic Athena failure. The longest mail server outage in MIT history struck yesterday.

Dormitory Moves Stay Constant

By Jennifer Krishnan
NEWS EDITOR

The number of students requesting a transfer from one dormitory to another for the fall term did not change much this year compared with last year despite the recent overhaul of MIT's residence system.

Of the 147 dormitory residents who requested transfers, 126 will be moving, said Denise A. Vallay, assistant director of undergraduate housing. She said that the 21 students who did not receive transfers in the recent lottery all listed Baker House or Bexley Hall as their first choice.

These numbers are "pretty comparable" to last year's, Vallay said. Last April, 333 students received transfers, but this figure includes the 236 who transferred into Simmons Hall, which opened for the first time in fall 2002. These numbers do not include transfer requests made after the deadline.

Many ask to leave Next House

For most dormitories, fewer than 20 residents requested transfers. The exception was Next House, with 53 residents requesting transfers to another dormitory.

Dorms, Page 15

Rites of Spring: Steer Roast and Harvard's Arts Fair

By Jonathan Richmond
ADVISORY BOARD

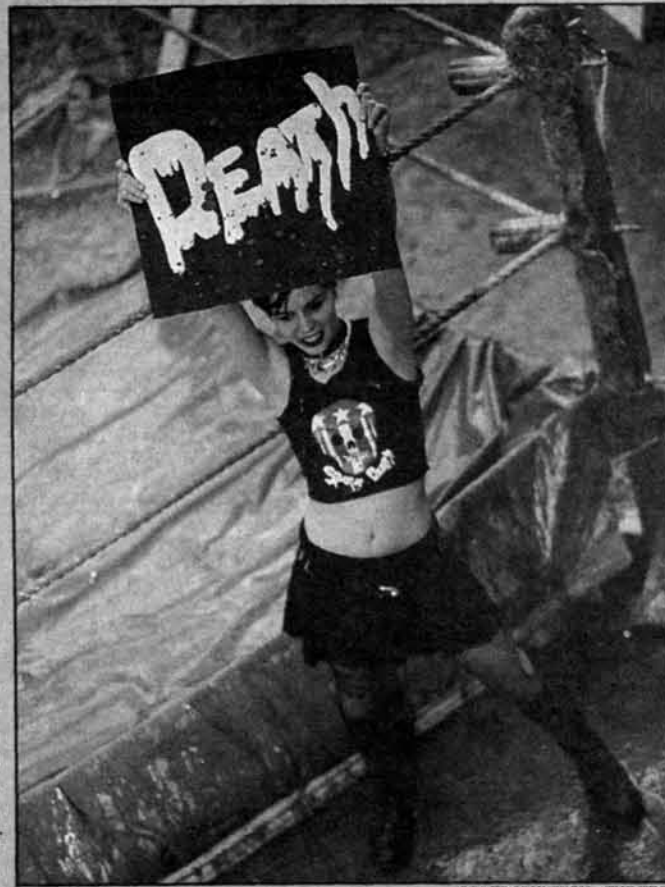
The setting is a colonnaded villa, an inward-looking structure focusing on a courtyard that serves as the stage for this sect's ritual practices, which are seemingly amplified in their power by the wall separating this strange society from the outside world.

They were checking IDs at Senior House's Steer Roast, but it seemed as if anyone claiming to be Jack Florey, with *The Tech*, or looking at least mildly like a misfit could get in. In the courtyard, the gleeful crowd's anticipation was mounting. Some exotic costumes were on display, including an impressive fairy outfit and a variety of degrees of leather, but mostly the assembled religionists had a regular-MIT look with that special intellectual-deranged feel that characterizes the east end of campus. The nice kids from the west side had not penetrated these walls.

The courtyard filled, and faces appeared at the various levels above it, heightening the sense of concentrated drama. Then, with the crowd lusting for the ancient rites to be consummated, the genial emcee called all to order, and a flag with MIT's new logo was brought forward and placed below the huge mass of meat to be roasted. Large quantities of flammable liquid were poured on the flag and, to the sound of "The Ride of the Valkyries" and a great roar of approval, the totemic flaming toilet paper roll was launched on its path over the heads of the crowd. It reached its des-

tinuation, sending up a huge ball of fire engulfing the meat. The MIT logo disintegrated in flames to a wild yell of "MIT BURN!" surely no less ecstatic than the pleasure enjoyed by a stadium of Romans upon the throwing of Christians to the lions. The sacred Senior House "Sport Death" flag — "Only Life Can Kill You" spelling out the teeth of its skull — was unfurled on the wall (would they consider burning that?), and suddenly the sky scowled. In the shadow of the darkness a voice called out "I think God may not be pleased with us."

A "submit to anarchy" t-shirt didn't quite reveal the truth about Senior House. This was not anarchistic, but a carefully-choreographed ritual, as rich in culture as the centuries-old ways of the great headhunting tribes, and as primitive in the shared celebration of the ceremonies that serve to bind the community together. I gather that MIT's dean of admissions is trying to attract more "normal," balanced people to MIT. The Steer Roast ritual demonstrates that, thank goodness, she is



SCOTT JOHNSTON—THE TECH

MIT students sported death at last weekend's Steer Roast.

not altogether succeeding.

Steer Roast, Page 12



ARTS

Who dunnit?
MTG performs
Clue:
The Musical.

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OPINION

Ken Nesmith discusses the future of a post-war Iraq.

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WORLD & NATION

Bill Would Require Pledge of Allegiance, Moment of Silence

THE FORT WORTH STAR-TELEGRAM

AUSTIN, TEXAS

Texas public school students would be required to observe a moment of silence and recite the pledge of allegiance to the flags of the United States and Texas each morning under a bill that is just a step short of the governor's desk.

Senate Bill 83, by state Sen. Jeff Wentworth, R-San Antonio, won easy preliminary approval by the Texas House Monday on a non-record voice vote. If it gets final approval Tuesday, it heads to the governor.

The bill doesn't require students to stand during the moment of silence, nor does it include a prayer to be recited out loud. Branch said that students of all faiths — or none — would be able to take advantage of that time. Students already may pray in school if they want.

If the bill gets a two-thirds majority vote Tuesday, it would be effective starting in the 2003-04 school year.

Pakistan Willing to Talk With Archrival India

THE SAN FRANCISCO CHRONICLE

ISLAMABAD, PAKISTAN

Building on a week of surprising diplomatic moves, Pakistan announced its willingness Monday to pursue mutual nuclear disarmament and open dialogue with archrival India as U.S. Deputy Secretary of State Richard Armitage headed to Islamabad to kick off a tour of the troubled region.

"As far as Pakistan is concerned, if India is ready to denuclearize, we would be happy to denuclearize," said Foreign Ministry spokesman Aziz Ahmed Khan. "But it will have to be mutual."

Pakistan and India declared themselves nuclear powers after successfully detonating atomic devices in 1998. Neither country has opened its arsenal to inspections and it is not known exactly what weapons they possess. But the presence of nuclear arms has cast a dark shadow over relations between the two, which have fought three wars since gaining independence in 1947.

Last Friday, Indian Prime Minister Atal Behari Vajpayee announced that New Delhi would restore diplomatic ties and air links with Pakistan, signaling a potential end to a 16-month standoff.

Chicago and Seattle to Simulate Simultaneous Terror Attacks

THE NEW YORK TIMES

WASHINGTON

The cities of Chicago and Seattle will be the focus of a \$16 million exercise starting next week that will test how the federal government would deal with simultaneous attacks by terrorists using biological and radiological weapons, the Bush administration announced Monday.

The exercise, said to be the largest domestic security drill ever carried out by the federal government, will be played out over five days beginning on Monday and involve dozens of federal, state and local emergency-response agencies.

In Chicago, emergency-response teams will be asked to pretend that they are dealing with the release of pneumonic plague, a deadly biological agent that is highly contagious. In Seattle, local agencies will be asked to respond to a scenario in which more than 100 people are injured in the explosion of a so-called dirty bomb, a weapon created when radiological material is wrapped around common explosives.

In Washington, several senior Bush administration officials, led by Homeland Security Secretary Tom Ridge, will try to organize the federal response to the attacks and to track down the terrorists. Other officials, including President Bush and Andrew Card, his chief of staff, will be portrayed by stand-ins.

Berkeley Refusing Students From Countries With SARS

By Dean E. Murphy and Karen W. Arenson

THE NEW YORK TIMES

BERKELEY, CALIF.

The University of California, Berkeley, has taken the unusual step of turning away about 500 summer students from China, Taiwan, Hong Kong and Singapore because of the large number of SARS cases reported in those countries.

University officials said on Monday that the decision was based on advice from the city's health officer and campus health experts. Students enrolled at other campuses in the University of California system will not be affected.

"I deeply regret that we will not be accepting enrollments of students from these areas," Chancellor Robert M. Berdahl announced in an e-mail sent Friday to faculty and staff and posted on the university's Web site.

There have been no reported cases of severe acute respiratory syndrome at Berkeley, but John F. Cummins, an associate chancellor, said that the university was not prepared to deal with the "labor intensive measures" that would be necessary if any summer students became ill and needed to be quarantined.

He said the Berkeley city health officer, Dr. Poki Namkung, strongly recommended the ban. A spokeswoman for the city's Department of Health and Human Services said Namkung was traveling and could not be reached for comment.

"If any of these students within their first 10 days of arrival became symptomatic, then the medical requirements, including the voluntary isolation, are very labor intensive and are something we would not be prepared to deal with," Cummins said.

"The concern is that a lot of this hasn't been really worked out yet," he said. "We have been very fortunate in the United States not to have to deal with a large number of cases. But in trying to think this through, if we did have an outbreak here, we would be overwhelmed in very short order."

Other American universities have not taken such dramatic steps as Berkeley, but are being vigilant about visitors from SARS-affected countries, officials said. Many are asking visitors from Asia to avoid their residence halls, at least for 10 days after they have left areas affected by SARS.

Colleges are also pulling back

students from study-abroad programs in these countries and have canceled summer programs.

Victor C. Johnson, associate executive director for public policy at the Association of International Educators in Washington, said the Berkeley decision was not surprising given the concern about SARS, but he said it was doubtful that it would set off a wave of similar restrictions.

"Schools are seeing the same information and assessing it against their own situations and then making decisions, rather than following some other school's example," Johnson said.

In his e-mail message, Berdahl said all fees would be refunded to the affected students. Cummins said the ban would cost the university about \$1.5 million in lost tuition and housing fees.

In announcing the summer policy, university officials emphasized that it would not apply to the hundreds of new students from the four countries expected to enroll this fall. They also said the ban would be dropped if the Centers for Disease Control and Prevention ended the SARS-related travel advisories for the four countries.

Tornadoes Kill 39, Devastate Eight States in Midwestern U.S.

By Jodi Wilgoren

THE NEW YORK TIMES

PIERCE CITY, MISSOURI

The relentless barrage of some 80 tornadoes that barreled through the United States' belly on Sunday night did not only kill 39 people, smash hundreds of buildings, and knock out water and power for thousands in eight states.

It also snatched a wood-frame house, with a family of four inside, off its foundation in Cherokee County, Kan., and dumped it in a pasture a quarter-mile away, leaving Julie Green, 50, dead in the rubble. It toppled an emergency tower in Jackson, Tenn., and damaged the concrete fountain there that memorialized the seven victims of a 1999 twister. It ripped the roof off Wilson's Creek

Baptist Church near Battlefield, Mo., as 35 parishioners huddled in the basement praying and singing, "I've got peace like a river."

"Devastation" was the first word on many lips as public officials declared states of emergency after what experts said were the worst tornadoes in decades.

"It's a war zone, it's a big fat war zone," said Michelle Bacarisse, 42.

In Pierce City, a town of 1,385 that had been on the brink of revival, the storm marched through the historic main street like a horrific parade, knocking out windows and walls, collapsing cars and ceilings, and leaving the once picturesque downtown looking like one big demolition site.

The storms pounded the country's midsection for hours, leaving

Louisville without lights for the Monday morning rush, flooding parts of Iowa where 2.83 inches of rain fell in 24 hours, and dropping baseball-size hail in parts of Nebraska and South Dakota, the Federal Emergency Management Agency said.

State officials said the tornadoes took 18 lives in Missouri, 14 in Tennessee and seven in Kansas; no one died in Arkansas, though a woman from Antioch, 50 miles north of Little Rock, was in critical condition after emergency surgery for a head injury.

Eleven of Tennessee's deaths were in Madison County, which includes Jackson, a city of 60,000 that is the largest between Memphis and Nashville. The rest of the deaths were sprinkled across three counties in Kansas and eight in Missouri.

WEATHER

Here Comes Rain

By Efen Gutierrez
STAFF METEOROLOGIST

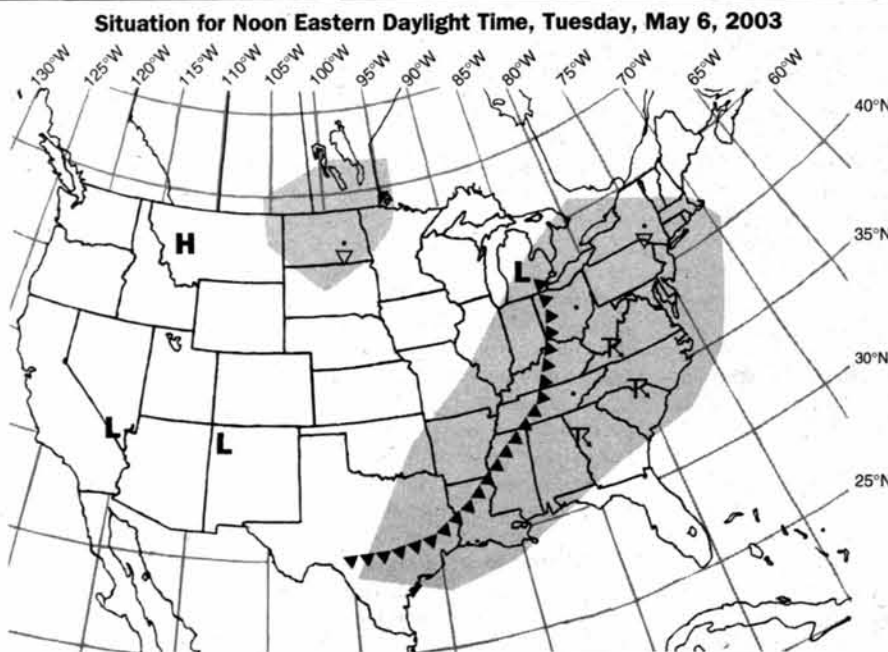
The low pressure system that affected the Great Plains during the weekend will be entering our region today, and linger till tomorrow. However, we will not have the severe weather that the Great Plains experienced on Sunday. Most of the stronger weather will be in the mid-Atlantic States.

The cause for the severe weather was the cold front that entered the Great Plains bringing with it cool air, where it confronts the warm moist air of the Gulf of Mexico. The mixing of these two air masses mean prime conditions for severe weather, especially tornadoes. Several tornadoes touched down in Missouri, Kansas, and Illinois. Currently the death toll due to the severe weather system is at 38.

The storm system will be slow in moving, and most of the week will be cloudy with a high chance of rain earlier in the week.

Extended Forecast

Today: Rain. High 55°F (13°C)
Tonight: Light rain. Low 43°F (6°C)
Wednesday: Cloudy with some afternoon sun. High in the lower 60s F (mid 10s C).
Thursday: Mostly cloudy. High in the mid 60s F (mid 10s C).



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

Compiled by MIT Meteorology Staff and The Tech

Bush, Returning From Ranch, Resumes Efforts for Tax Cuts

By David E. Sanger

THE NEW YORK TIMES

LITTLE ROCK

Lacking the votes he needs in the Senate for his tax cut plan, President Bush stopped here Monday on his way back to Washington from his ranch in Texas to campaign for the plan and, perhaps, to put direct pressure on a Democratic opponent, Sen. Blanche Lincoln of Arkansas.

Bush never mentioned Lincoln's name, but he urged his audience — mostly Republican supporters and owners of small businesses in a state that he won narrowly in 2000 — to contact their congressional delegations on behalf of his plan.

Lincoln, a member of the Senate Finance Committee, which will take up the legislation this week, issued a statement Monday afternoon that left the president little room for hope.

"Arkansans need to know," she said, "that the president's proposal to eliminate taxes on dividends is simply too expensive and just won't

work for them."

Bush, in his speech Monday and in a similar one on Friday in Santa Clara, Calif., described his proposals as job generators, especially for small businesses. Monday, he appeared to go slightly further, at one moment describing his proposal as one of a series of tax reductions to come.

Bush said he was "concerned about the deficit," an issue that has given pause to many in his own party, but he added he was "first and foremost concerned about that person looking for a job."

Monday night, Sen. Charles E. Grassley of Iowa, chairman of the Finance Committee, told fellow Republicans that he would offer a skeletal tax plan of his own on Tuesday that would include neither a reduction in taxes on stock dividends, a central element of the Bush proposal, or new aid to the states, an important issue to some swing senators.

Other senators said Grassley hoped to buy two days of time to

pressure other senators before his panel meets to draft legislation on Thursday.

But so far, senators seem locked into positions, and that means that the president is at least two votes shy of a majority in the Senate.

On Tuesday, the House Ways and Means Committee plans to take up and almost certainly approve a \$550 billion 10-year tax cut that follows the president's prescription with one important exception. Instead of eliminating the tax on dividends as the president proposed, the House bill would reduce the tax on dividends and capital gains, to 15 percent.

In the Senate, Grassley is bound by a budget that limits the total 10-year tax cut to \$350 billion. He was under pressure Monday, according to people who were at a meeting of all Republican senators, to include in that package some measure on stock dividends. Sen. Trent Lott of Mississippi said there was overwhelming sentiment among fellow Republicans for the proposal.

Hussein's Son Reportedly Seizes Over \$1 Billion From Iraqi Bank

By Dexter Filkins

THE NEW YORK TIMES

BAGHDAD

In the hours before American bombs began falling on the Iraqi capital, one of Saddam Hussein's sons and a close adviser carried off nearly \$1 billion in cash from the country's Central Bank, according to U.S. and Iraqi officials here.

The removal of the money, which would amount to one of the largest bank robberies in history, was performed under the direct orders of Saddam, according to an Iraqi official with knowledge of the incident. The official, who asked not to be identified, said that no financial rationale had been offered for removing the money from the bank's vaults, and that no one had been told where the money would be taken.

"When you get an order from Saddam Hussein, you do not discuss it," said the Iraqi official, who held a senior position in a bank under Saddam's government. He said he had been told about the seizure of the cash by the Iraqi financial officials who had turned over the money to Saddam's son and the adviser.

The allegations provide a glimpse into the final days of Saddam's rule — which, with its emphasis on family connections, has often been com-

pared to the Mafia — and perhaps a clue about how he intended to finance his escape and survive out of power.

Qusai Saddam Hussein, Saddam's second son, presided over the seizure of the money, along with Abid al-Hamid Mahmood, the president's personal assistant, the Iraqi official here said. The seizure occurred at 4 a.m. March 18, less than 24 hours before the first American air assault.

The two men carried a letter from Saddam, bearing his signature, authorizing the removal of the money, the official said.

The sheer volume of the cash was so great — some \$900 million in U.S. \$100 bills and as much as \$100 million worth of euros — that three tractor-trailers were needed to cart it off, the Iraqi official said. It took a team of workers two hours to load up the cash. Their work was completed before employees of the downtown Baghdad bank arrived for work.

The seizure of the money was confirmed by a U.S. Treasury official assigned to work with Iraqi financial officers here to rebuild the country's banking and financial system.

Iraqi officials said they were uncertain of the effects that the disappearance of \$1 billion would have on the Iraqi economy. The Iraqi official said the removal of the money

amounted to about a quarter of the Central Bank's hard currency reserves.

The \$1 billion was nearly twice the amount of hard currency believed to have been looted by Iraqis in the three weeks after the collapse of the Iraqi government. U.S. and Iraqi officials said about \$400 million in U.S. dollars and at least \$40 million in Iraqi currency were taken by looters from banks across the country after April 9.

The disappearance of such a sizable amount of cash as \$1 billion was giving rise to fears here that it is being used to finance remnants of Saddam's government, many of whose senior members are believed to be hiding in Baghdad or its environs. Some members of the Iraqi National Congress, an umbrella organization for groups that opposed Saddam, assert that the money may be a central element in what they described as an extensive "post-occupation strategy" devised by Saddam that envisioned an American takeover of the capital and Saddam's plot to eventually return to power.

Neither Iraqi nor U.S. officials claimed to know the whereabouts of the \$1 billion or, for that matter, of Saddam Hussein, Qusai Hussein or Mahmood. All three men are being sought by the United States.

McCarthy Communist Investigation Transcripts Made Available to Public

By Sheryl Gay Stolberg

THE NEW YORK TIMES

WASHINGTON

Aaron Copland, the composer, fiercely defended himself, declaring, "I have not been a Communist in the past and I am not now a Communist." Langston Hughes, the poet, protested that he had not read much about Marxism "beyond the introduction of the Communist manifesto." Dashiell Hammett, the mystery writer, invoked the Fifth Amendment.

They and nearly 500 others were summoned to testify in secret before Sen. Joseph R. McCarthy, the Wisconsin Republican whose dogged efforts to root out Communist sympathizers shocked and riveted the nation 50 years ago. On Monday, the transcripts of those closed-door sessions of the Senate's permanent subcommittee on investigations were made public, shedding new light on a contentious chapter in American history.

All of the senators involved, and

most of the witnesses — a list that included mundane civil servants and Army engineers as well as prominent personalities like Copland and James Reston, the Washington bureau chief of The New York Times — are now dead. And historians who have reviewed the documents say they do not support McCarthy's theories that, in the 1950s, Communist spies were operating at the highest levels of government.

Instead, the papers, which chronicle 161 private sessions during 1953 and 1954, when the infamous lawmaker was chairman of the subcommittee, reveal how he used secret proceedings to weed out witnesses who could adequately defend themselves against his browbeating. Only those who looked weak or confused, or who cast suspicion on themselves by asserting their Fifth Amendment right against self-incrimination, were later called to testify in public.

"What these transcripts show, above all, is someone who is desperately trying to push a conspiracy the-

ory, using all the badgering bullying tactics in private that he was known for in public," said David Oshinsky, a McCarthy biographer and professor of history at the University of Texas at Austin who has reviewed excerpts of the papers. "There is no smoking gun here, and there is really nothing that will do McCarthy or his advocates any good."

Yet there are some nuggets of news. The papers reveal, for instance, that G. David Schine, the independently wealthy, unpaid consultant who worked for the committee because of his close relationship with its chief counsel, Roy Cohn, was involved in interrogating witnesses — a fact that surprised several historians.

"Oh my," said Thomas C. Reeves, another McCarthy biographer, upon learning of Schine's role. "I never heard of that."

The documents also provide an eerie foreshadowing of the moment that proved to be McCarthy's downfall.

Police Say Maine Poison Case May Be Rooted In Grudge

THE BOSTON GLOBE

NEW SWEDEN, MAINE

Quiet, implacable Daniel Bondeson had a hand in the mass poisoning at Gustaf Adolph Lutheran Church that killed a 78-year-old usher, police said Monday. And they believe that the act may have had its roots in a grudge that festered through years of bake sales and committee meetings.

Because the state medical examiner did not release autopsy results Monday, Lieutenant Dennis Appleton of the Maine State Police said he could not confirm that Bondeson's shooting death on Friday was a suicide.

He also said investigators are not sure whether Bondeson acted alone, or whether he was the one who mixed arsenic — probably less than a teaspoonful — into a pot of coffee served at a church fellowship meeting on April 27.

But he was willing to say what has up until now been conjecture: That investigators believe a parishioner at the tiny, traditional Lutheran church became so enraged over where the church was headed that he or she planned a violent revenge on the congregation.

"With any group there are factions," Appleton said. "All the votes in that church didn't go 10 to nothing. They sometimes went six to four."

FDA Approves Drug For Lung Cancer

THE NEW YORK TIMES

The Food and Drug Administration on Monday approved a controversial drug meant as a last-ditch treatment for people with lung cancer.

The drug, AstraZeneca's Iressa, is the first of a new class of so-called targeted therapies that can attack tumors while avoiding some of the usual side effects of chemotherapy like anemia, increased risk of infections, nausea and hair loss. In studies it has been shown to drastically shrink tumors, but only in a small percentage of patients.

For the vast majority of patients, the drug, a pill taken once a day, does not work and is associated with a potentially fatal side effect on its own — a type of pneumonia.

The FDA's decision that the benefits of the drug outweighed the risk was seen by some patient advocates and analysts as a new sign of flexibility on the part of the agency in viewing drugs for life-threatening diseases. Some advocacy groups have criticized the agency, saying it has demanded too high a burden of proof for drugs, even when patients are going to die anyway.

"I think the new commissioner is listening to the public and is concerned about the need to get life-saving medicines to patients much sooner," said William Burroughs, president of the Abigail Alliance for Better Access to Developmental Drugs, referring to the FDA commissioner, Mark B. McClellan, who has vowed to speed up drug reviews. Burroughs's patient advocacy group is named for his daughter, Abigail, who died of cancer two years ago at age 21 after trying in vain to procure Iressa and another experimental drug.

Supreme Court Sets Aside Murder Conviction Of Texas Teenager

THE NEW YORK TIMES

WASHINGTON

The Supreme Court delivered an unusual rebuke to a Texas appeals court on Monday by unanimously setting aside the murder conviction of a teenager whose confession, the justices found, was the product of an illegal arrest and should not have been introduced at his trial.

The decision, which gives Texas the chance to retry the defendant, Robert Kaupp, for the 1999 crime without introducing the confession, made no new law. Rather, the Supreme Court viewed the Texas Court of Appeals as having made such obvious errors in upholding the conviction that the justices overturned its decision in an unsigned opinion, without even bothering to hear arguments in the case.

Kaupp, who was 17 at the time, was under suspicion of having taken part in the murder of a 14-year-old girl, but the Harris County Sheriff's Department lacked evidence to obtain a warrant for his arrest. Instead, six police officers went to his home in the middle of the night and, after his father allowed them in, roused him from his bed by shining a flashlight on him. "We need to go and talk," one officer said, to which the teenager replied, "OK." The officers then handcuffed him and took him to the police station, barefoot and in his underwear. There, after receiving his Miranda warnings, he implicated himself in the murder.

Old Man Of Mountain Pieces Make Brief Appearance on eBay

THE BOSTON GLOBE

As Granite State residents mourned the weekend collapse of the Old Man of the Mountain, bits and pieces of the revered New Hampshire emblem popped up for sale on eBay — yours for the price of \$2 a pop.

And just as suddenly Monday, the remains were removed by the web-based auction house after New Hampshire officials made clear that the pieces were government-owned and that selling them was illegal.

"Anyone claiming to have for sale remnants and artifacts from the Old Man of the Mountain is violating state law," Department of Resources and Economic Development Commissioner George Bald said in a statement.

The pieces could be key to rebuilding the craggy symbol, a possibility Governor Craig Benson is weighing.

"Even the rubble of the Old Man could have importance for possible reconstruction so [taking the remains] is clearly defacement," said New Hampshire Attorney General Peter Heed, whose office is investigating the eBay offers. All of which is not to say that profiteering off the Old Man's demise didn't continue. A check of eBay's offerings Monday found postcards, even a thimble and a bottle opener, all with the visage of a man no more.

OPINION



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Letters To The Editor

A Capella Article Unnecessary

Why did Tuesday's edition run a front-page article on the controversy between a capella groups at MIT ["Talks on Studio Access Get Tense," April 29] that included no recent quotes from a single member of any

MIT a capella group? It was mentioned that "Executive officers of all of the MIT a capella groups generally declined or did not return requests to comment for this article."

Do you think that's a clue that MIT's a capella groups would like a chance to work out their negotiations on the new recording studio without the complications of public coverage? And do you think *The Tech* has

the responsibility to respectfully honor that desire? Or do you think your readers who are not in a capella groups (like me) wanted to know about the controversy so much that the wishes of these groups should be ignored?

I think *The Tech* had no business printing this article.

William T. Hafer '03

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, opinion editors, a photography editor, and an arts editor.

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

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should 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, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *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.

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 whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. *The Tech* can be found on the World Wide Web at <http://the-tech.mit.edu>.

What Happens Now?

Ken Nesmith

Major combat, President Bush tells us, has concluded in Iraq. These weeks have been dramatic ones; we're seeing the beginning of a long process that will determine the future of Iraq, and the region. We sit at a junction that can lead to dramatically different ends, and it will take extraordinary effort, resources, tact, and luck to achieve a favorable, peaceful regional future.

The fighting itself was not sustained for long, quite fortunately. It could not end quickly enough in my mind; video, audio, and written reports of the war induced in me a visceral disgust with such destruction and violence, even as I observed from a distance. At dinners, in social conversation, the war was no longer a matter of debate about freedom, dictatorship, middle east history, and international relations as it was before the first bombs fell; I now uneasily brushed off standard questions of "So what do you think of the war?" with a brisk "I wish for it to conclude as soon as possible." It was a tragedy compounded by the fact that what we left behind by this operation was a grating, chronic nightmare, a country whose very soul choked under a dark cloud of dictatorship, corruption, torture, and sanctions, and that the course of affairs demanded this wretched medicine. Not even the most prominent voices from the left could offer any other feasible way to end Saddam's rule (note that more inspections do not end dictatorships). Amidst the flailing charges of imperialism, virulent protests of America, and emotional appeals for peace, the sole legitimate alternative offered to achieve an end to dictatorship over the Iraqi people was to let them do it themselves. As more torture chambers are uncovered by the day in a state where Saddam's men would wake officers in the middle of the night at gunpoint and prompt, "We're staging a coup. Are you in?" only to kill them if they replied affirmatively, ending sanctions with a hearty "So long; good luck with Saddam!" to the victims of his rule could not be considered a moral stance; frankly, it's a disgusting

one. Combat proceeded with blessedly few of the predicted problems. Chemical weapons were not unleashed, Iraqi troops surrendered *en masse*, the absence of a full northern front thanks to Turkey's refusal of access wasn't disastrous, combat did not devolve into bloody urban fighting, and civilian casualty counts were lower than they certainly could have been in such a precarious military scenario. Some troops were welcomed, and some were feared. The felling of Saddam's statue provided a nice metaphor for the history of the conflict to that point; after Iraqi civilians couldn't drag the massive statue to the ground with their bare hands, American troops chained it to a tank and used military equipment to help the Iraqis destroy the statue: a bit of military muscle helped to destroy Saddam's massive likeness. A brief blunder also forewarned of potential danger: a soldier draped the statue in an American flag, but was quickly told to remove it. Iraq is not to be our colony.

Saddam's fall does not mark even the halfway point in the revitalization of Iraq. The end of fighting has yielded to civil chaos and forebodings of what could be a very dark future. Despite the end of dictatorship, the chaos is not acceptable: a recent MIT graduate astutely observed that "the funny thing about freedom and running water is that you can't have one without the other. For instance, it won't work to have water but not be sure whether someone might shoot you in the back of the head or torture your family, but it also won't help much to vote if you can't drink regularly, or for that matter, ever."

He's sarcastic, but he's right: rebuilding basic infrastructure and establishing the rule of law is a vital and immediate task. Food and water need to find their way to civilians, fast. The rule of law is sadly absent; surely we share some blame for electing to protect Iraqi oil facilities and petroleum administrative buildings (that is, not the wells and refineries themselves) but leaving open to looting museums stocked with irreplaceable treasures of civilization. Surely the looters deserve much more of that blame. Religious fundamentalism

has begun to show its repulsive face in the country, creeping in from neighboring Iran but also reappearing after years of repression under Saddam. The establishment of a functional, prosperous nation is by no means a certain prospect.

Fundamentalist Islamists, strong in number throughout the region, now have the power to sink into primitivism a nation that could otherwise take steps towards modernity. Religious leaders offer civic order, organizing neighborhoods and shaming those who run afoul of the law, but intentions to build an Islamist government *a la* Iran's are not sentiments we want to become popular. Moving towards Islamic fundamentalism, allowing the emergence of institutions that deny women's and more generally individual rights and freedoms, and denying rational thought in the name of primitive mysticism would be to endorse a sick chokehold on civilized existence. The worst philosophical perversions conceivable stand ready to take an entire nation and plunge it back into an age of darkness, setting back the cause of regional progress immeasurably.

We cannot ensure that that will not happen; ultimately, we cannot force reasonable existence on any who don't wish it—or we can't do it morally, anyway. However, completely fulfilling our responsibilities and actively participating in the physical and social reconstruction of the region will go a long way towards resisting such regression. The Bush administration is the target of perpetual suspicion and conspiracy theories about a desire to make a few dollars for old friends by staging a war. If they falter, and give truth to those charges by turning on oil via oppression of the population (see Saudi Arabia) and abandoning the reconstruction of Iraq, it will be our domestic responsibility to forcibly replace them via an election in 2004 with

leaders with more integrity.

We've done more than our share of damage to civilian populations in the Middle East. In Iraq specifically, we armed Saddam, directly endorsed and directed his use of chemical weapons against Iran, gave misleading information about how we would react to invasion of Kuwait (promising that we wouldn't interfere in inter-Arab conflicts), promised military support for civil opposition and then didn't deliver it (resulting in mass civilian slaughter by Saddam's troops), and sat on a clumsy sanctions regime that, in conjunction with Saddam's largesse and mismanagement, sapped Iraqi society of basic needs, killing huge numbers of children.

After bombing the country intermittently for the past decade, we've now destroyed Saddam's regime. We have some rebuilding to do, and we face resistance in the international community: France and Russia, after borderline reasonable opposition to the war, are taking international relations knavery to a new level by seeking to maintain sanctions on Iraq, even in the absence of Saddam, to spite the United States. We cannot, however, let such irrelevancies distract us. We simply must reconstruct the country, leaving Chirac and Putin to eventually wander out of their ignorant fog into a constructive stance supportive of the Iraqi people.

Nothing less than a complete effort on our part is acceptable — we've certainly shirked such responsibility in the past. Our complete effort, though, is all we can give, and it alone is not enough. It will take the will of the Iraqi people and their respect for democracy, the rule of law, and individual rights to make this a successful reconstruction. Failure here will mean a dangerous return to status quo dictatorship or worse; only this commitment to modernity and reason will bring a prosperous future.

A recent MIT graduate astutely observed that 'the funny thing about freedom and running water is that you can't have one without the other.'

Money Woes, Whilst Thou E'er Be Gone?

Basil Enwegbara

Leading economists and scholars in the mid-1990s preached a new economic gospel; the gospel of the New Economy, simply driven by what they called information technology.

It was an unparalleled technology and brain-power economy, never before seen in any human history. This belief in technological determinism as the driver of America's economic prosperity in the 1990s was accepted with little or no skepticism by the media and politicians. Even Wall Street used the new gospel to promote extraordinary levels of speculation in securities. The whole thinking community memorized these mechanistic views of economic growth. In other words, the rapid growth in the late 1990s, viewed only through a technology prism, drove the widely unquestioned faith

in the myth that technology alone could ensure prosperity.

But there are questions many failed to ask then and are still not asking: why the sudden rapid growth in economy in the late 1990s? What were the sources of the unprecedented improvement in productivity in the 1990s? Was it simply based on maturing information technology? Shouldn't it have been the result of the exciting new products that were standardized and appealed to a mass market, and the accompanying great scale economies of manufacturing, distribution, and marketing? What about the subdued inflation that resulted from a shift in the policies of the Federal Reserve? Couldn't it be attributed to the soaring stock market, consumer and business borrowing, as well as freeing the economy from the decades of arms race with the former Soviet Union? Or couldn't it be because of a cultural shift in the late 1990s

that made business and entrepreneurialism in America, along with the 70 hour work week, glamorous?

The rapid information technology changes driving the prosperity of the 1990s, it should be argued, were the enormous economies of scale — like the one that propelled America's rise in the 19th century — coupled with organizational and managerial skills as earlier seen in early 20th century mass production and distribution. But more of the forces driving the unprecedented economic prosperity witnessed in the

Intel's Pentium, Cisco Systems, HP's printers, AOL's Internet subscribers, as well as Wal-Mart's retail market and the bulging demand for related standardized products —

created enormous economies of scale for these makers of equipment and software and the providers of some mass-marketed services. This became the key catalyst for the exciting jump in productivity in the late 1990s. In other words, after almost three decades of fragmentation as a result of intense foreign competition, the old mass market of the 1950s and 1960s that drove an unprecedented

This belief in technological determinism as the driver of America's economic prosperity in the 1990s was accepted with little or no skepticism by the media and politicians. Even Wall Street used the new gospel to promote extraordinary levels of speculation in securities.

economic growth returned in the late 1990s, correcting a fundamental cause of the productivity slowdown caused mainly by Japanese companies.

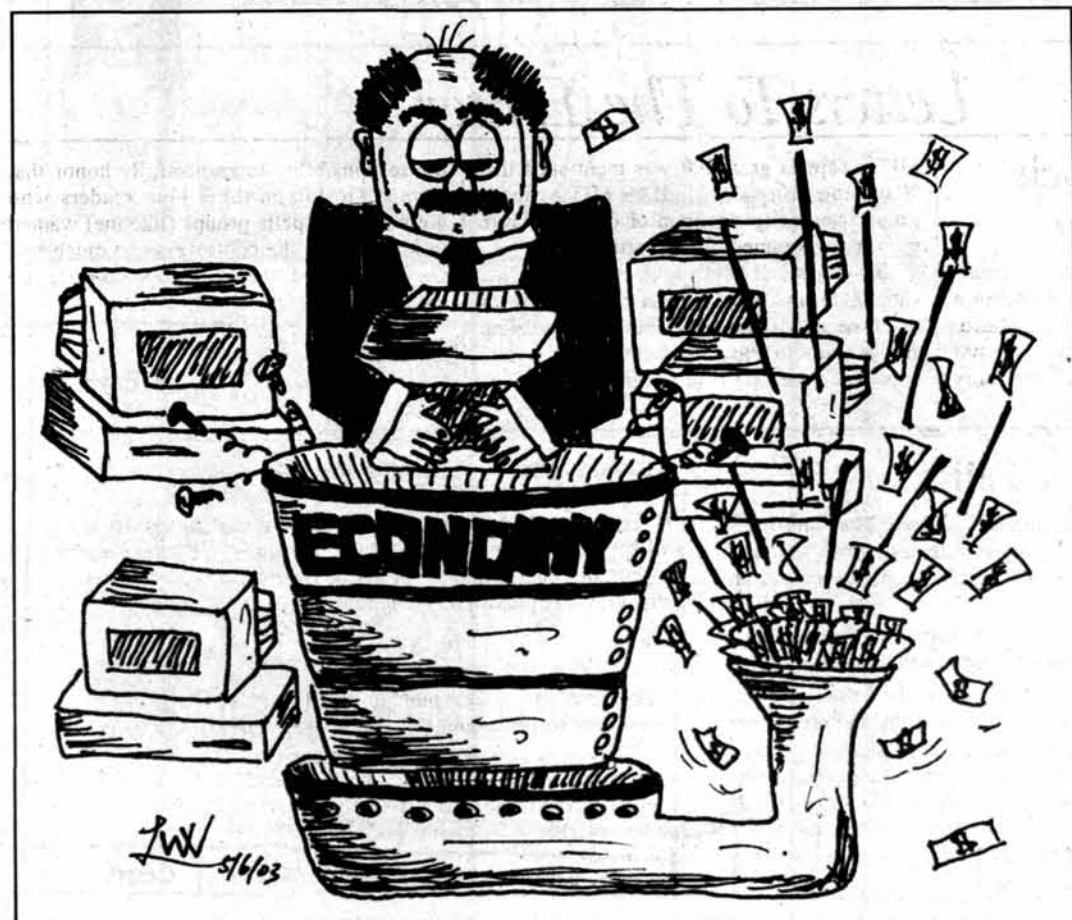
But with the exhaustion of the economies of scale and the rapid productivity growth over since 2000, America today faces the old challenges in their new form. These have made the repeat of the prosperity of the of late 1990s almost impossible in the next decades. America's corporate debt and personal debt now stand at record proportions of income (nonfinancial corporate debt rose from about 3.5% of sales in the mid-1990s to a record of nearly 10% of sales in 2000; household debt in America now is at a record level of nearly 100% of disposable income). Profitability has been falling for corporations since 2000, implying that returns on capital have been continuously eroded. Above all, the high stock prices that encouraged borrowing and spending in the late 1990s have reverted to less explosive levels.

Not only is America's poor saving culture, which made dependence on the flow of foreign capital to U.S. markets the major source of investment capital, worsening the situation, but also the return to expansive military spending — put on hold during the 1990s with the collapse of the Soviet Union — is weighing down the economy. The outlook is not bright.

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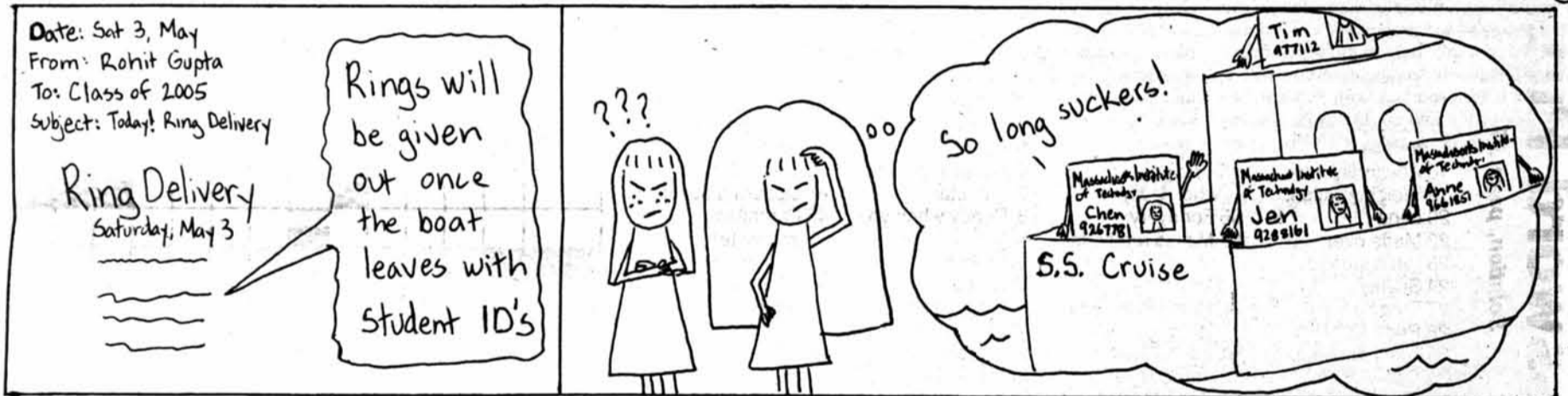
INSTITUTE MADNESS!

ALISON WONG



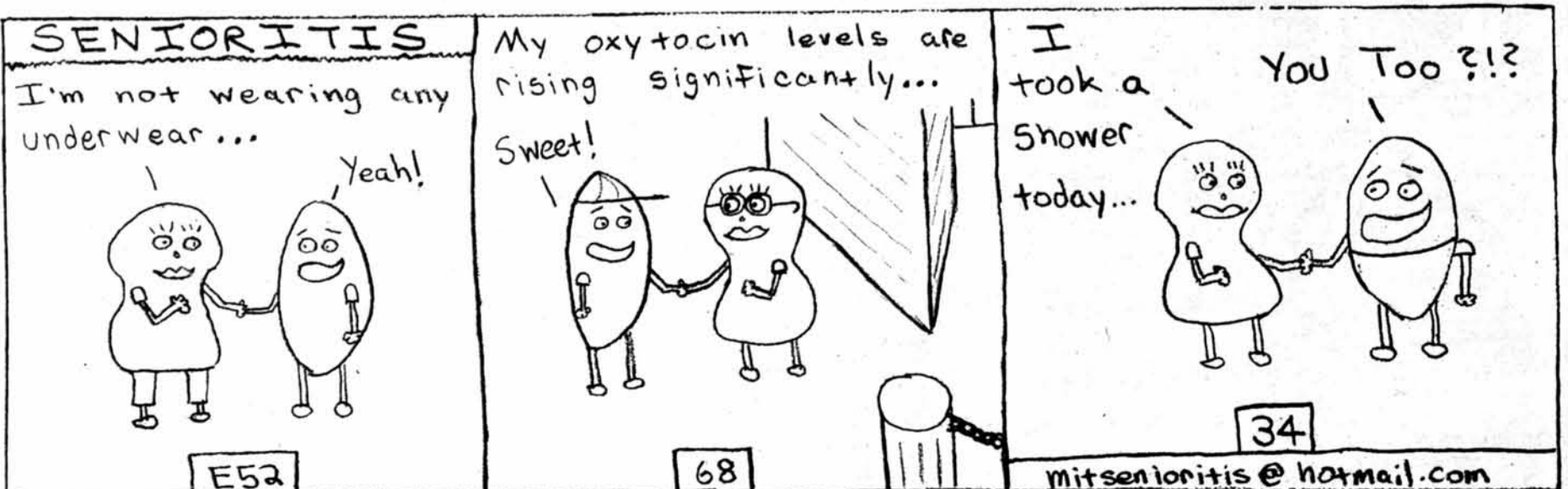
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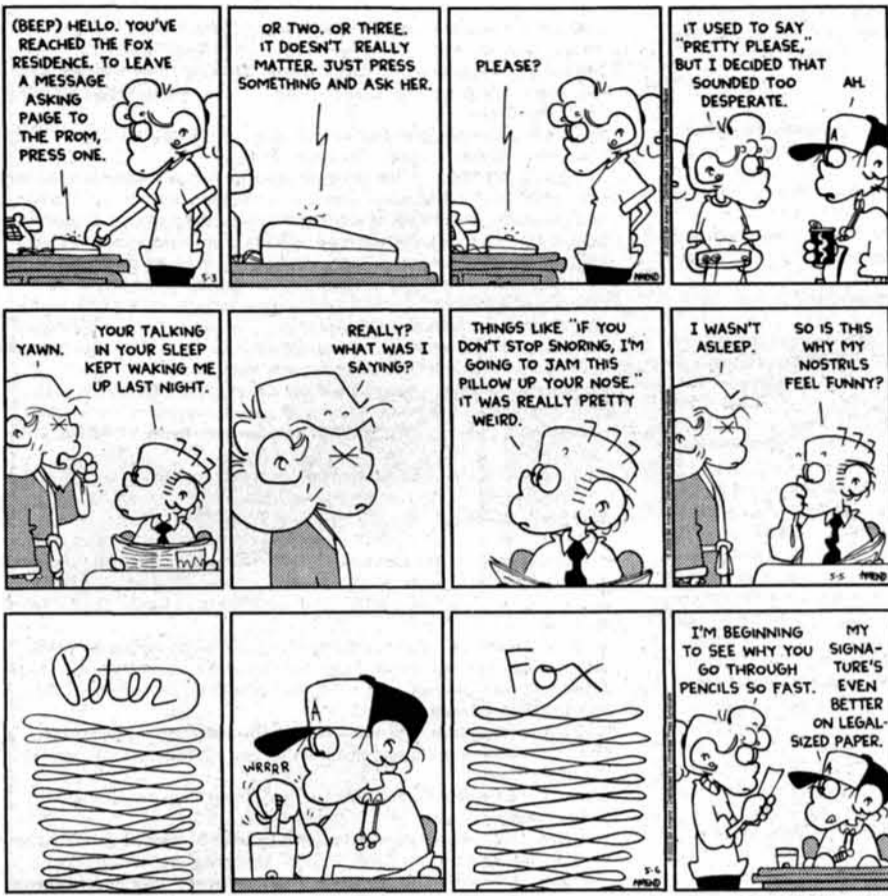
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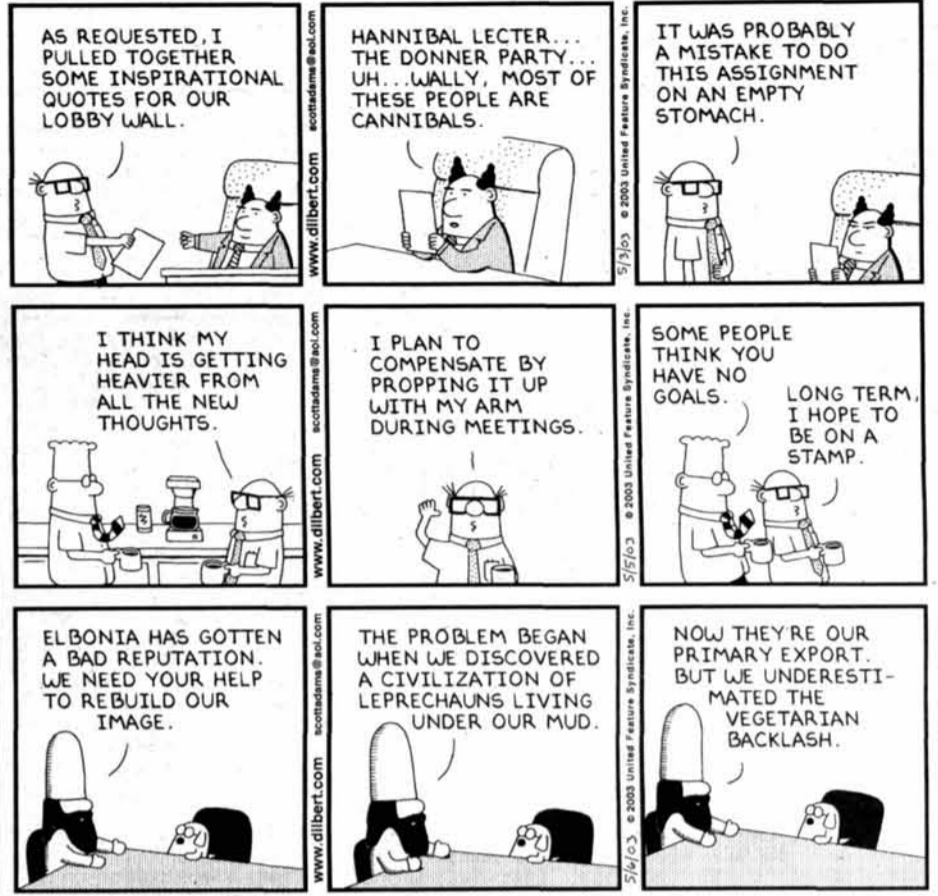
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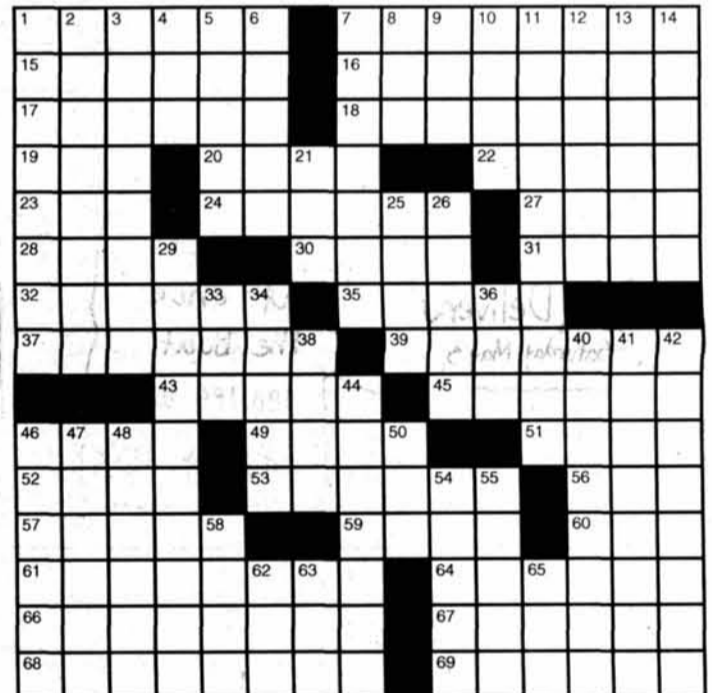
Dilbert® by Scott Adams



Crossword Puzzle

Solution, page 17

- ACROSS**
- 1 Brutal characters
 - 7 Ceremonies in the Jordan
 - 15 Queen Victoria's consort
 - 16 Eastern
 - 17 Neither male nor female
 - 18 Adulterate
 - 19 Weighty weight
 - 20 Lone
 - 22 Made over
 - 23 Put a stop to
 - 24 Scanty
 - 27 Frodo's band
 - 28 Pride signal
 - 30 Dracula Lugosi
 - 31 Suffer defeat
 - 32 Tubb or Truex
 - 35 Asian peninsula
 - 37 Type of comb
 - 39 Sister of Orestes
 - 43 Dressed as a
- DOWN**
- 1 Casual talker
 - 2 Old-time actress
 - 3 Plentiful
 - 4 Tennis unit
 - 5 Lock or shock
 - 6 Razor sharpener
 - 7 "10" star
 - 8 Ready when you
 - 9 Brooch
 - 10 Shred
 - 11 Weaves
 - 12 Artist's workshop
 - 13 Cheech and John
 - 14 Heavy hammer
 - 21 Science rm.
 - 25 Blackthorn berry
 - 26 Warren and Scruggs
 - 29 Hindsight
 - 33 Tome and Principe
 - 34 Leg bone
 - 36 Moray
 - 38 Fewer
 - 40 Like dual AC electricity
 - 41 Microwave oven, often
 - 42 Decorators
 - 44 Opposing opinion
 - 46 Parentless youngster
 - 47 Boat basin
 - 48 "Norma" and "Louise"
 - 50 Carpenter's tool
 - 54 Pleasure cruiser
 - 55 Half of the U.A.R.
 - 58 Calcutta dress
 - 62 Hive builder
 - 63 Spanish article
 - 65 Psychic's letters

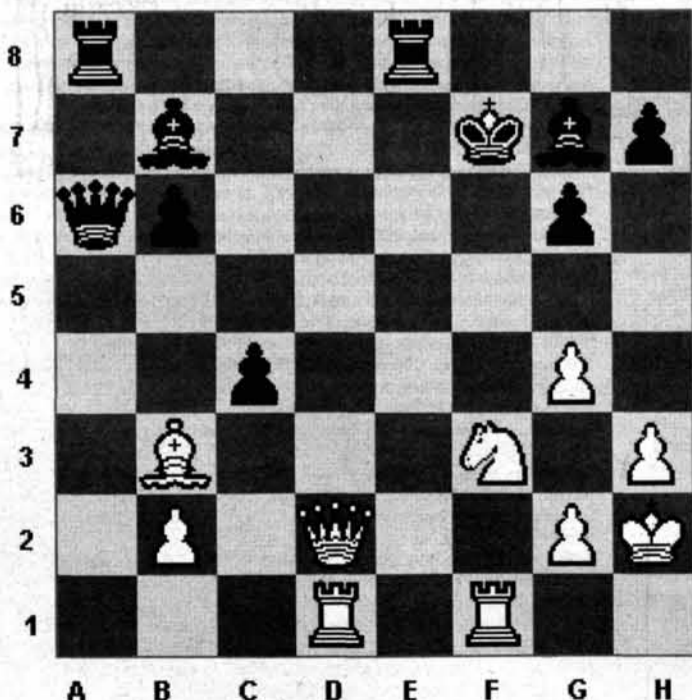


ChessMate

Composed by Elina Groberman

Difficulty Level 2

White to Move - Double Attack



Comments? Email chessmate@the-tech.mit.edu

Solution, page 17

resonance.

spring concert 2003

7 p.m. 10-250

Friday, May 9th

Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, May 6

12:00 a.m. - 8:30 p.m. - Visiting Committee for Chemical Engineering. Biennial meeting of the Corporation Visiting Committee for the Department of Chemical Engineering. Room: Lewis Room 66-360. Sponsor: Corporation Office.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby) Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:00 a.m. - 5:00 p.m. - Spring/Mother's Day Glass Sale. The MIT Glass Lab creations on sale. free. Room: Lobby 10. Sponsor: MIT Glass Lab.

10:45 a.m. - Campus Tour. Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:55 a.m. - 1:00 p.m. - VCPIA Lunch Meeting. Weekly lunch meeting sponsored by the MIT Venture Capital & Principal Investment Association. free. Room: Tang Center. Sponsor: MIT Venture Capital and Principal Investment (VCPI) Association, MIT Entrepreneurship Center.

12:00 p.m. - 1:00 p.m. - Cultural Continuity and Change Among War Displaced Southern Women in Northern Sudan. Mellon-MIT Program on NGOs and Forced Migration — research presentation, free, but RSVP for lunch. Room: E38-615. Sponsor: Center for International Studies.

1:30 p.m. - 2:45 p.m. - Center for Theoretical Physics - Nuclear Theory Seminar. Sudakov Logarithms and Structure Functions in Quarkonium Decay and Production. free. Room: Center for Theoretical Physics, Building 6, Third Floor Seminar Room. Sponsor: Laboratory for Nuclear Science.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 3:00 p.m. - 2pm: Andrew and Shankar - QIP. free. Room: 4-357. Sponsor: Physics Junior Lab Orals.

2:30 p.m. - 3:30 p.m. - Mathematical Models of Viscous Sintering. Physical Mathematics Seminar. free. Room: Building 2, Room 2-338. Sponsor: Physical Mathematics Seminar.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

4:00 p.m. - 5:15 p.m. - Media Lab Colloquium Series "A Tack in the Shoe: Neutralizing and Resisting New Forms of Surveillance." Professor Marx will discuss eleven behavioral techniques of neutralization intended to subvert the collection of personal information: discovery moves; avoidance moves; piggy backing moves; switching moves; distorting moves; blocking moves; masking moves; breaking moves; refusal moves; cooperative moves; counter-surveillance moves. In Western liberal democracies, the advantages of technological and other strategic surveillance developments are often short-lived and contain ironic vulnerabilities. free. Room: E15-Bartos Theatre, Media Lab. Sponsor: Media Lab.

4:00 p.m. - 5:30 p.m. - PSFC Seminar. "Measurement of Equilibrium and Fluctuating Magnetic Fields in High-Temperature Plasmas by Faraday Rotation." free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.

4:00 p.m. - MechSeminar: The Theory of Poromechanics in Oil & Gas Industry Tool. Abstract: One of the most challenging problems in the oil and gas industry is the stability of far reaching oil and gas wells drilled from onshore or offshore drilling platforms and extending deep into the earth's crust, sometimes as far as 15 km. These operations are conducted in many instances in hostile environments, i.e., high pressure and high temperature. The problems alone due to wellbore stability, created in these costly and challenging operations, cost the industry more than one billion dollars per year. To address the solution to the problems of wellbore stability we used the fully coupled approaches of the theory of poromechanics, such as poroelasticity, porothermoelasticity, and porochemothermoelasticity. The solutions to the problems related to the wellbore drilling mechanics using the consistent fully coupled processes in the theory of poromechanics, for a fluid saturated porous media, will be discussed and illustrated in this seminar. free. Room: 1-350. Sponsor: Engineering & Environmental Mechanics Group.

4:00 p.m. - MIT Astrophysics Colloquium: DANIEL HOLZ. "Looking through a gravitational lens, darkly." free. Room: MIT, Room 37-252, Marlar Lounge. Sponsor: Astrophysics.

4:00 p.m. - 5:00 p.m. - 4om: Elizabeth - X Rays. free. Room: 4-357. Sponsor: Physics Junior Lab Orals.

4:15 p.m. - 5:30 p.m. - GTL Seminar Series. "Air and Mechanical Systems in Aircraft Engines." free. Room: NOTE ROOM: 33-116. Sponsor: Gas Turbine Laboratory.

5:00 p.m. - Jazz Student Recital. Emerson Scholars and Jazz Combo. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

5:00 p.m. - 7:00 p.m. - New Threats to Freedom and Privacy on Line. A panel discussion of threats to freedom and privacy and the Internet. Speakers to include: Stewart Baker, former General Counsel to the National Security Agency; Christopher Hoofnagle, Deputy Counsel for the Electronic Privacy Information Center; and Susan Landau, Senior Staff Engineer for Sun Microsystems Laboratories, Serving as moderator will be Daniel Weitzner, Director of W3C Technology and Society Domain and Senior Researcher in MIT's Laboratory for Computer Science. free. Room: Wong Auditorium (E51). Sponsor: The Technology and Culture Forum at MIT.

5:30 p.m. - 7:00 p.m. - Prelaw Information Session. This workshop will provide students information on what law schools look for in an applicant and will review the application process. free. Room: 2-105. Sponsor: OCSA.

5:30 p.m. - The Challenge of Building a Sustainable Eco-Friendly Business. Tuesday May 6, 2003 at 5:30PM in 4-231 Robin Chase, (SM '86) will talk about the trade-offs and priorities Zipcar made as it grew its business from concept to the provision of service to almost 7000 members in three cities. free. Room: 4-231. Sponsor: The Environment at MIT Web Site.

5:30 p.m. - 7:00 p.m. - First Annual Earth Day Seminar Series on Sustainable Development. Robin Chase (SM '86) will talk about the trade-offs and priorities Zipcar made as it grew its business from concept to the provision of service to almost 7000 members in three cities. free. Room: 4-231. Sponsor: Students for Global Sustainability. Engineers Without Frontiers, MIT Large Events Funding.

6:00 p.m. - 8:00 p.m. - Student-Faculty Dinner. Dinner where students interact with their advisors/researchers/teachers outside of the office space and the research environment in order to build a healthy solid bond. The dinner is also an opportunity for faculty members to get exposure to the Lebanese culture through a slide show that has been prepared for the event. free. Room: 1-236. Sponsor: Graduate Student Council, Lebanese Club at MIT, The, Civil and Environmental Engineering.

6:30 p.m. - Department of Architecture: 16th Arthur H. Schein Memorial Lecture. "Lower Manhattan: Redevelopment, Remembrance, and Renewal." Talk by Rafael Viñoly, architect, New York. free. Room: Rm 10-250. Sponsor: Department of Architecture.

6:30 p.m. - 9:30 p.m. - Course 2.007 Robotic Competition. This is the Mechanical Engineering famous robotic competition preliminary round night. The start time is 6:30 pm (subject to change) — so please click on the website for last minute information. free. Room: Johnson Athletic Center Ice Rink Area. Sponsor: Mechanical Engineering Dept.

7:00 p.m. - 9:00 p.m. - Building Bridges Into the Future - A Documentary about the Muslim Community post 9/11. free. Room: 4-370. Sponsor: Committee on Campus Race Relations.

7:30 p.m. - 8:30 p.m. - The MIT Radio Society Meeting. Talk to ISS astronauts, use 1500 watt amplifiers, talk around the world, and send microwave signals to satellites! Explore the technical and amazing. Help us decide what to do with our \$30,000+ dollars. We are looking for students to join our exciting club. If you don't have an amateur radio license, come to our meeting and we will tell you how to get one quickly and easily. free. Room: 50-358. Sponsor: MIT Radio Society.

7:30 p.m. - 12:00 p.m. - Milonga (come dance tango!). Tango dance. MIT Argentine Tango Club's very first! A 45 min lesson in the beginning. free for students, \$5 for others. Room: Sala de Puerto Rico, W20-202. Sponsor: Argentine Tango Club.

8:00 p.m. - 10:00 p.m. - LIVEmusic@theEAR: Nico Demonte. free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

8:30 p.m. - 9:30 p.m. - Underwater Hockey. Underwater Hockey is an exciting and addictive game played at the bottom of a pool with a short stick and a lead puck, with mask fins and snorkel. Bring swimsuit and towel. free. Room: Alumni Pool. Sponsor: Scuba Club.

Wednesday, May 7

8:30 a.m. - 3:00 p.m. - Visiting Committee for Chemical Engineering. Biennial meeting of the Corporation Visiting Committee for the Department of Chemical Engineering. Room: Lewis Room 66-360. Sponsor: Corporation Office.

9:00 a.m. - 4:30 p.m. - Spring Pottery/Ceramics Sale. Student Art Association's annual event. free. Room: Lobby 10. Sponsor: Student Art Association.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

12:00 p.m. - 4:00 p.m. - Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbg@MIT.

12:00 p.m. - 1:00 p.m. - Artists Behind the Desk Spring Concert: Rule 56. Rule 56—rock band with Chris DiGuardia, administrative assistant, MIT Schedules office. Funded in part by the Working Group on Support Staff Issues and the Council for the Arts at MIT. free. Room: Killian Hall. Sponsor: Artists Behind the Desk.

12:00 p.m. - 1:30 p.m. - "High Efficiency Power Generation in a Carbon-Constrained World". Wednesday, May 7, 2003 12 noon - 1:30 pm Room E40-496 Abstract Fossil fuels are presently the dominant energy source for power generation worldwide and will likely remain important in the foreseeable future. Approximately one-third of all CO2 emissions due to human activity arise from the combustion of fossil fuels used to generate electricity. This underlines the importance of reducing the GHG emissions from fossil-fuel-based power generation. free. Room: E40-496. Sponsor: The Environment at MIT Web Site.

12:00 p.m. - 1:30 p.m. - High Efficiency Power Generation in a Carbon-Constrained World. Fossil fuels are presently the dominant energy source for power generation worldwide and will likely remain important in the foreseeable future. Approximately one-third of all CO2 emissions due to human activity arise from the combustion of fossil fuels used to generate electricity. This underlines the importance of reducing the GHG emissions from fossil-fuel-based power generation. free. Room: E40-496. Sponsor: Laboratory for Energy and the Environment.

12:10 p.m. - 1:00 p.m. - Oceanography and Climate Sack Lunch Seminar. "Climate variability at high latitude during the last millennium." free. Room: 54-915. Sponsor: Physical Oceanography.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:00 p.m. - 3:15 p.m. - Center for Theoretical Physics - String Seminar. "Variations on a theme by Dirac/Vafa." free. Room: Center for Theoretical Physics, Building 6, Third Floor Seminar Room. Sponsor: Laboratory for Nuclear Science.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - Nuclear Power for Mars and Beyond. free. Room: 37-212. Sponsor: AeroAstro, Massachusetts Space Grant Consortium.

3:00 p.m. - 5:00 p.m. - spouses&partners@mit: Gazpacho Andaluz. Maria Teresa Menendez from Madrid, Spain, will make "gazpacho andaluz", a fresh tomato based soup that is served cold. She will teach us her mother's recipe. Please join us for this delicious summer treat. Childcare provided. free. Room: W20-407. Sponsor: spouses&partners@mit, MIT Medical.

3:30 p.m. - 6:30 p.m. - Israel Independence Day BBQ Bash! Come to a FREE BBQ and celebrate Israel's 55th birthday! Lots of games and free stuff. free. Room: Kresge BBQ Pits. Sponsor: Hillel, MIT, MIT Students for Israel.

4:05 p.m. - 5:00 p.m. - Environmental Chemistry and Biology Seminar. Seasonal Dynamics of cyanobacterial populations in the North Atlantic and North Pacific Oceans (or, how I stopped worrying and learned to love quantitative PCR). Room: 48-316. Sponsor: Parsons Lab (general).

4:15 p.m. - 5:15 p.m. - Degree of the Wronski Map. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar.

5:10 p.m. - 6:00 p.m. - Service with dinner to follow. A Eucharist service with dinner following in W11. free. Room: MIT Chapel and W11. Sponsor: Lutheran-Episcopal Ministry.

6:00 p.m. - 9:00 p.m. - Start-up Clinic. Discover how to present a plan to potential investors at the MIT Enterprise Forum of Cambridge's Start-up Clinic. 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. The event will be held at 6 PM the MIT Faculty Club. Registration fee is \$35 for Forum Members and \$45 for Non Members and includes dinner. Pre-Registration is Required. For more information or to register, visit: <http://www.mitforumcambridge.org/calendar/index.html> or call 617-253-8240. free. Room: MIT Faculty Club, 50 Memorial Drive 6th Floor. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

6:00 p.m. - 9:00 p.m. - Course 2.007 Robotic competition. Department of Mechanical Engineering famous robotic competition. Tonight is the final round. This year's contest: "Two Tables: One Robot Rules Them All." More information: <http://pergatory.mit.edu/2.007/>. free. Room: Johnson Athletic Center Ice Rink Area. Sponsor: Mechanical Engineering Dept.

6:30 p.m. - 9:00 p.m. - Financial Choices That Matter Most to Entrepreneurial Engineers and Scientists. Maybe you're thinking about starting your own business or maybe you just want to be prepared in today's unstable job market. You may have a couple of kids to put through college, a wedding to plan for, a mortgage. Maybe you don't. But one thing's for certain — you have responsibilities. And with them comes a host of concerns. Are you doing all you should to minimize your financial risk? If you have any doubts, come to our free seminar, entitled Financial Choices That Matter Most to Entrepreneurial Engineers and Scientists. At this seminar, you'll learn how to balance risk with potential reward, which insurance and financial products provide the benefits you desire most, and how to set goals for what matters most to you. Room: Sheraton Lexington, 727 Marrett Road, Lexington, MA, on Rte 2A, just off Rte 128. Sponsor: Women Entrepreneur in Science and Technology.

7:00 p.m. - Human Rights & the US State Department. Our guest served in the Clinton Administration as Assistant Secretary of State for Democracy, Human Rights, and Labor. He will be introduced by Paul Parravano (Office of the President). The discussion will be moderated by MIT historian Jeff Ravel. free. Room: MIT 10-250. Sponsor: MIT Western Hemisphere Project. Large Event Fund, MIT History, MIT Political Science, MIT Anthropology, MIT Writing & Humanistic Studies.

7:00 p.m. - 10:00 p.m. - TMRC Build Time. These are our normal meeting times, when we build the layout! free. Room: N52-118. Sponsor: Tech Model Railroad Club (TMRC).

7:00 p.m. - 9:00 p.m. - The Monster That's Eating Massachusetts. How state and federal budget cuts undermine health, education, human services, housing, and the environment in Massachusetts. Speakers: * Chuck Turner, Boston City Councilor * Massachusetts Coalition for Healthy Communities. free. Room: 2-105. Sponsor: MIT Greens.

7:00 p.m. - 8:00 p.m. - Bible Study. Weekly Bible study held by the Baptist Student Fellowship. free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

7:30 p.m. - 10:30 p.m. - HTC Film Series. Theme is documentary films. Click on link for titles. free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

8:00 p.m. - Weekly Wednesdays @ the Muddy Charles Pub. Meet your fellow social graduate students at the Muddy Charles Pub located in the Walker Memorial Building. What will be there for you? \$1 drafts, a variety of beers, wines and sodas, lots of free wings, Sox on the screen. Bring IDs. free. Room: Muddy Charles Pub. Sponsor: Edgerton House Residents' Association, MIT Entrepreneurship Center, TechLink, Wing It.

8:00 p.m. - 10:00 p.m. - IFILM Film Seminar. Screening of a movie followed by a discussion. Light refreshments provided. More information (including movie titles) on our web site. free. Room: 4-237. Sponsor: International Film Club.

8:30 p.m. - 11:30 p.m. - Swing Dancing. No partner required. Beginners welcome. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

8:30 p.m. - Swing Dancing Lessons. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

Thursday, May 8

9:00 a.m. - 4:30 p.m. - Spring Pottery/Ceramics Sale. Student Art Association's annual event. free. Room: Lobby 10. Sponsor: Student Art Association.

10:00 a.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:55 a.m. - 12:55 p.m. - The Life Cycle of a High-Tech Software Firm. The Venture Capital and Principal Investments Club is pleased to welcome Art Coviello, who will address the lifespan of a high-tech software company, including turning a product idea into a company, building a company beyond one product, and creating a large enough market opportunity without losing focus. He will provide historical analogies for a number of well-known current and former companies. Mr. Coviello will also discuss how RSA Security plans to catch the next wave of internet innovation and become the market leader in Identity and Access Management, discussing the strategic process involved. free. Room: E51 - TBD. Sponsor: MIT Venture Capital and Principal Investments Association.

12:00 p.m. - 1:00 p.m. - Noon Bible Study. Come join an English Bible study open to everyone but especially for spouses and international students at MIT. Simple English conversation and open discussion. free. Room: W11 Board Room. Sponsor: Baptist Campus Ministry.

1:00 p.m. - 2:00 p.m. - Weight Watchers at Work! free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers.

1:00 p.m. - 2:30 p.m. - Free Conversational English Class. International students and spouses are invited for a free Conversational English class offered as a service on campus at MIT. Come make friends, exchange culture, learn about holidays and have fun. Enjoy an informal discussion class setting with one or more native speakers. free. Room: W11, Board Room. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

1:00 p.m. - 6:00 p.m. - Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbg@MIT.

2:00 p.m. - Admissions Information Session (Followed by the Campus Tour). free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:45 p.m. - Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - 4:00 p.m. - Autonomous Optimization of Distributed Computing on the Grid. free. Room: Room 3-133. Sponsor: Mechanical Engineering Dept.

4:00 p.m. - 5:00 p.m. - Climate benchmarks and forecast testing: An approach. free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:15 p.m. - 5:15 p.m. - Physics Colloquia. Title: TBA. free. Room: 10-250. Sponsor: Physics Department.

5:00 p.m. - 7:00 p.m. - Technology Executives Lecture. Office of Corporate Relations/ILP invites you to an industry presentation from the Senior Managing Director & CTO of Canon. free. Room: Wong Auditorium. Sponsor: Office of Corporate Relations/ILP.

5:00 p.m. - 6:00 p.m. - Nanostructures Seminar Series (nanoweb.mit.edu). Microfabricated Devices for Biomolecular Detection. free. Room: Building 1, Room 190 (Refreshments beginning at 4:30 pm). Sponsor: Nanostructures Laboratory. Co-Sponsored by the Tiny Tech Club and TechLink.

5:00 p.m. - 7:00 p.m. - Opening Reception—Mame Rizika: Site to Sight: The Big Dig. Against a backdrop of the Boston cityscape and the sounds and sensations of large-scale equipment, these charcoal drawings evoke the poetic and visual experiences of the everyday drama of "The Big Dig." Show runs through June 11. free. Room: Rm E52-466 (50 Memorial Dr). Sponsor: The Dean's Gallery, Sloan School of Management.

5:30 p.m. - 7:30 p.m. - Graduate Students' Reception. This is a social event with art and music by Jazz Combo in conjunction with the opening of the List Visual Arts Center's new exhibition, Influence, Anxiety and Gratitude. Hors d'oeuvres and drinks will be served. free. Room: MIT List Visual Arts Center E15. Sponsor: List Visual Arts Center.

5:30 p.m. - 7:00 p.m. - First Annual Earth Day Seminar Series on Sustainable Development. Susan Murcott ('90, SM '92) will talk about the application of innovative and sustainable technologies in water and wastewater treatment in the developing world. She has worked in Haiti, Nepal and Brazil, in both rural and urban settings that face water quality problems. free. Room: 4-237. Sponsor: Students for Global Sustainability. Engineers Without Frontiers, MIT Large Events Funding.

5:30 p.m. - Clean Water for One Billion People? - The Role of Sustainable Technologies. Thursday May 8, 2003 at 5:30PM in 4-237 Susan Murcott ('90, SM '92) will talk about the application of innovative and sustainable technologies in water and wastewater treatment in the developing world. She has worked in Haiti, Nepal and Brazil, in both rural and urban settings that face water quality problems. free. Room: 4-237. Sponsor: The Environment at MIT Web Site.

7:00 p.m. - 9:00 p.m. - The Boob Tube. Pangaea presents "The Boob Tube" — our first event in an exciting new series, Society on the Small Screen, which explores changing social trends through television. During tonight's dinner and discussion, we will view a series of clips from such "keystone" shows as Ally McBeal, Hill Street Blues, Bewitched, and Dragnet — and how each highlights a unique aspect of the role of women in society. Free pizza — please come! free. Room: Room 4-231. Sponsor: Pangaea.

7:00 p.m. - 9:00 p.m. - Panchatantra Class. Classes in Indian Folklore. free. Room: 4-144. Sponsor: Graduate Student Council, Sangam. South Asian Center.

7:00 p.m. - 8:00 p.m. - Finance Made Difficult: Career Opportunities in Financial Engineering for Scientists and Engineers. "Dinner reception courtesy of Prof A.Lo and MIT FTO will follow the talk" Over the past three decades, breakthroughs in financial engineering have led to a virtual explosion of quantitative research and innovation in academics and on Wall Street. What used to be considered esoteric mathematical minutiae—covariance matrices, Brownian motion, the Ito calculus—is now part of the standard vocabulary of traders, portfolio managers, and financial consultants. Despite their mathematical sophistication, modern financial theories spawned largely by academic research have gained an acceptance among industry professionals that is unparalleled in the history of the social sciences, so much so that the term "financial engineering" is now commonplace among investment bankers and corporate financial executives. free. Room: E51-149. Sponsor: Science and Engineering Business Club. MIT - Merrill Lynch FTO Program.

7:00 p.m. - 8:00 p.m. - Finance Made Difficult: CAREER OPPORTUNITIES FOR SCIENTISTS AND ENGINEERS. "MIT Science & Engineering Business Club" and "Finance Technology Option Program" proudly presents: CAREER OPPORTUNITIES FOR SCIENTISTS AND ENGINEERS: FINANCE An expert in Financial Engineering, Professor Andrew Lo will convince engineers and scientists why they are in a great position to seek a career in Finance as an alternative to a regular bench work. In this talk, Professor Lo will also introduce the Financial Technology Option (FTO) program, which is a joint program between MIT and Merrill Lynch. Dr. Andrew W. Lo is the Harris & Harris group professor at the MIT Sloan School of Management and the director of MIT's Laboratory for Financial Engineering. free. Room: MIT SLOAN E51-149. Sponsor: Science and Engineering Business Club.

7:00 p.m. - 8:30 p.m. - Meditation and Discussion. Meditation and Discussion on Shantideva's Bodhicaryavatara. free. Room: MIT Chapel. Sponsor: Buddhist Association at MIT, Buddhist Community at MIT.

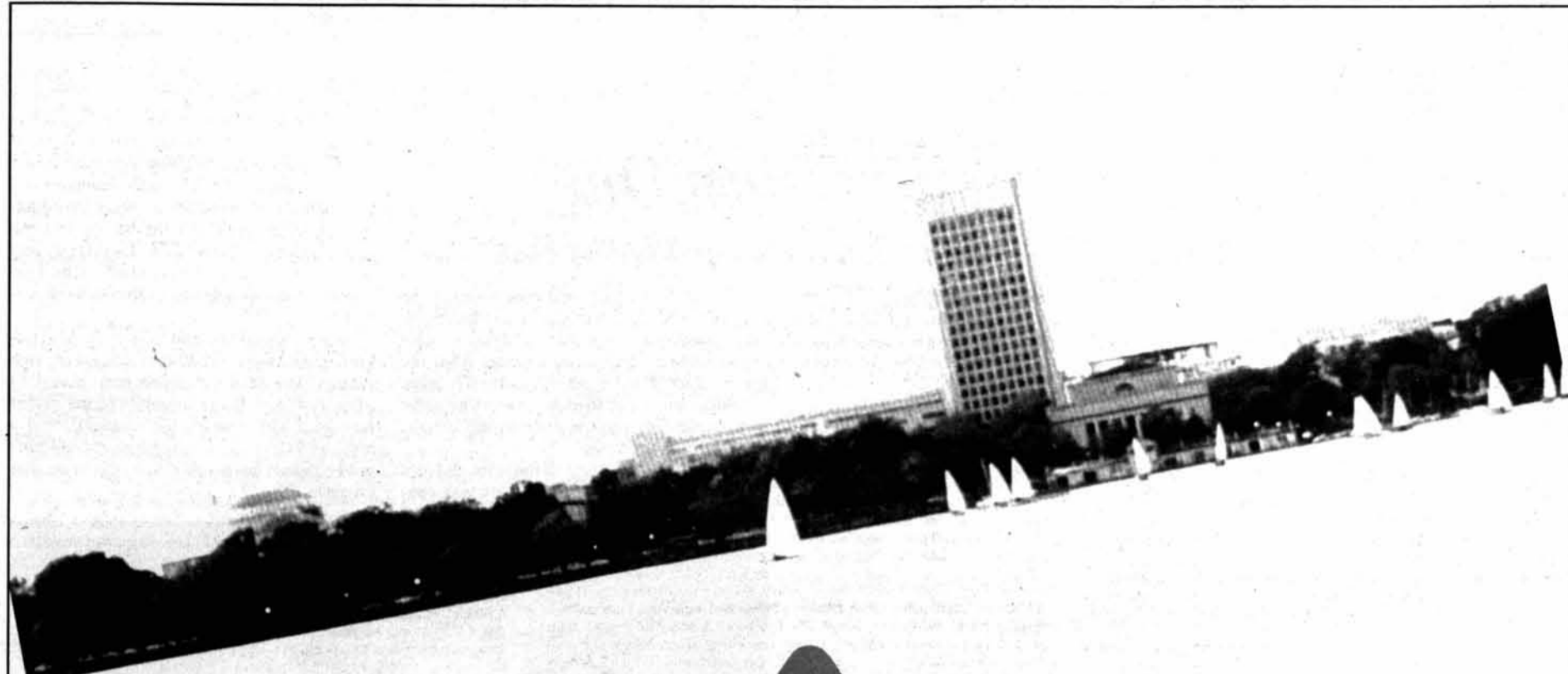
8:00 p.m. - Playwrights in Performance. Original student-written plays directed by Associate Provost for the Arts Alan Brody. "Life With Better Dialogue" by Erin Conwell (senior, Brain And Cognitive Sciences); "The Third Tragedy" by Dan Katz (senior, Mathematics); "Surface of the Water" by Max Goldman (junior, Mathematics). free. Room: Kresge Rehearsal Rm B. Sponsor: Music and Theater Arts Section.

8:30 p.m. - 10:00 p.m. - Sigma Xi Lecture. "What do Osteoporosis and Nuclear Waste Containment Have in Common?" free. Room: Twenty Chimneys. Sponsor: Ceramics/Materials Science.

9:00 p.m. - 10:00 p.m. - Coffee Hour [IMAGE]. Food and drink - an Ashdown tradition. [IMAGE]. free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.

10:00 p.m. - 11:59 p.m. - Movie Night [IMAGE]. Movie and food - free for all! free. Room: Big TV Room (W1). Sponsor: Ashdown House.

11:59 p.m. - Campus Disc Golf. Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for midnight antics, then come on out! Meet outside the Student Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, maggyver@mit.edu. bring your own disc! Room: Student Center steps. Sponsor: Campus Disc Golf.



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ARTS

CLASSICAL REVIEW

*Two Choruses Are Better Than One**MIT, Brown Choirs Combine in Concert of Rachmaninoff and Lukas Foss*

By Jeremy Baskin

ARTS EDITOR

The MIT Concert Choir and the Brown University Chorus

Conducted by William Cutter and L. Frederick Jodry

Kresge Auditorium

May 2, 8 p.m.

There is something inherently noncompetitive about music. Musicians constantly work toward technical and artistic goals, but unlike marathon runners, the finish line is not so tangible. In many ways, music is a never-ending pursuit of the unattainable, quite different from our more mundane activities: preparing food, doing homework, and playing sports.

Yet when two choruses from peer schools — schools that compete on both the sports field and the pages of *U.S. News & World Report* — perform one after the other on the same program, one can hardly resist the urge to compare them outright.

These were the thoughts that ran through my head as I listened to the beginning of Friday night's first installment in a home-and-home series between the MIT Concert Choir and the Brown University Chorus at Kresge Auditorium.

The visitors took the stage first, to warm applause from the modestly sized crowd, and began with a clean reading of the British composer John Tavener's *Magnificat*, a short religious work in which a few chromatic motives are repeated numerous times. While the sopranos perhaps sounded too meek, the ensemble projected an effective mood of aloofness.

Brown's chorus finished their set with three Finnish works: *Sydämeni Laulu* by Jean Sibelius, *Kevätunta* by Leevi Madetoja, and

Lehto, by Einojuhani Rautavaaras. Having been fully warmed up by some 20th century British baroque music, the Ivy singers were prepared to show off their lyrical side in these sentimental works.

Home-field advantage was readily apparent when the MIT Concert Choir strode onto the stage to perform American composer Lukas Foss' *Psalms*. The applause was more vibrant — you could certainly tell who had been most successful at getting friends to attend the concert. Foss, a living legend who is beginning his ninth decade on this planet, wrote *Psalms* early in his life, though late enough to have been formed — or corrupted, as the case may be — by Paul Hindemith, Serge Koussevitzky, Fritz Reiner, Louis Moyse, the Curtis Institute of Music, and Yale University, among others.

Brian J. Anderson G opened the piece with an accurate though tense tenor solo, relaxing somewhat when joined by soprano Sonali Mukherjee '03, whose softness of tone helped the duet "lift up [their] eyes unto the hills," as prescribed by the psalm itself.

The choir was accompanied in this piece by two pianists, though accompanied is hardly the right word given Foss' orchestral writing for the piano duo. Karen Harvey and Henry Weinberger played incisively and convincingly throughout.

After the intermission came the main attraction of the evening, Sergei Rachmaninoff's *Vespers (All-Night Vigil)*, a work that this composer of some of the most celebrated piano concertos of all time nonetheless considered his best work, according to the program notes. *Vespers* consists of various liturgical chants spanning many centuries and continents in their origin.

With both the choruses on stage together,

the minor foibles of each ensemble — the bass of the MIT Concert Choir and the soprano of the Brown University Chorus — were complemented by strong support from the other ensemble. In other words, the large ensemble was more than the sum of its parts, and for the first time in the evening, a bona fide forte was delivered.

The *All-Night Vigil* thankfully did not live up to its name in length — it was con-

cise and explored a wide range of textures in its nine movements. Perhaps the highlight of the evening was Spyridon Antonopoulos' melting tenor solo. The only uneasiness I experienced involved some minor coordination problems between the basses and the upper voices in "The Great Doxology" and an errant — though thankfully timid — soprano entrance later on in that same movement.

A lot seemed to come in twos in this concert: two choruses, two conductors, two pianos; the date was even the second of May. But, as I found myself walking out of Kresge Auditorium at the unusually early hour of 9:30 p.m., I thought that there certainly hadn't been *too* much music on that program.



JINYANG LI—THE TECH

Singyour Li '03 (left) and Chaitra Chandrasekhar '04 sing in the MIT Concert Choir's Friday night. MIT was joined by the Brown University Chorus for their performance in Kresge Auditorium.

THEATER REVIEW

*Well Rehearsed, But Without a Clue**Musical Theatre Guild's 'Clue: The Musical' a Mixed Performance*

By Devdoot Majumdar

STAFF WRITER

Clue: The Musical

Kresge Little Theater

April 25-26, May 1-3, 8 p.m.; April 27, 2 p.m.

MIT Musical Theatre Guild

In what made for a night of wry one-liners, predictably underachieving voices, and derivative plot twists that leave you wondering not whodunit but "why am I here?" the Musical Theatre Guild gave *Clue*:

The Musical a fighting, flailing shot. As always, the adornments, the costumes, the sets, and the band were impeccable and captivating. And as is also often the case, the foreground, the story, the singing, and the acting left much to be desired.

The production, which carried over for the last two weeks in Kresge Little Theater, tried to dramatize the mystery that is *Clue* (a board game, but now a major motion picture). The host, played by Stephen Flowers '06, enters the stage in black tuxedo, and presents the rules to the board game in the

form of a musical number.

He has invited six people who want to kill him, has in his house six weapons (from wrench to noose), and his murder by one of these people with one of these weapons can happen in one of six rooms. An audience member chooses each of these from a deck of cards, but the results remain unknown to the audience until the end. That is, the actors were to tailor the musical to the audience's selection, making for a combinatorial twist to musicals.

The suspects then introduce themselves,

explain why they want to kill Mr. Boddy, and interact with one another. The point of *Clue*, however, is to narrow down those multiple suspects, weapons, and locations to one. Do not be misled into believing there was any suspense to the matter. In a rather lame attempt at combinatorial theater, the actual musical numbers and dialogue are barely unaltered with the different possible endings. In between scenes, however, the house lights are dimly lit and the audience is given a verbal "clue" from Mr. Boddy (something along the lines of "One of the people in this scene is a likely

suspect" but a bit more subtle and, of course, rhyming). The audience is given a scorecard and a pencil at the beginning with which to track the latest developments and thereby eliminate suspects, weapons, and rooms. But, like an exercise in regime change, the latest developments tend to get tiresome after a while — a very short while.

Originally an off-Broadway production in 1994 that met little critical acclaim, the musical is rife with puns and off-references to other boardgames. Indeed, the musical's many quips were met with laughter, but the laughter was of the forgettable, UPN sort. And upon every musical reprise, the lightheartedness of the dialogue was trampled with some of the violently off-key contributions of the cast.

Though most of the cast could carry through in their own vocal range, the inevitably high notes that most Broadway numbers end on bordered on shriek.

The caricatured acting of the troupe was appropriate, but was hindered by a notable failure to enunciate. When "dignity" can't be discerned from "dickity" and "conclude" from "cocoon," you know you have a problem. The attempt by Stephanie Cavagnaro-Wong '06 at a posh British accent for Mrs. Peacock was distracting and so noticeably flawed that it came off as juvenile. However, Tanis O'Connor '02 managed to do well in presenting the maid, Mrs. White, as a blustery and bitter version of Daphne from *Frasier*. Ms. Scarlet, played by Welkin Pope G was appropriately floozy and Eleanor Pritchard '06, playing the role of a detective who solves the mystery, demonstrated great stage presence and subtle acting technique.

The stage, decorated with simple, flat art-deco backdrops to fit the board game theme, suited the musical perfectly. The costumes, aptly designed in "Crayola" fashion for a cast with names like Mr. Green, Mrs. White, Col. Mustard, were attractive and elaborate. The band, composed of cellists Terry Gaige '04, Elliot Brandow, and Michael Dewberry '00, was superb, well-timed, and arguably the best part of the entire show.

But it's not saying much when the highlight of a show is the band. The plot was deficient, the singing was MIT, and the acting was spotty, leaving the overall experience perhaps a bit less vapid than other MIT engagements, but nonetheless fairly regrettable. And though this article may just kill any chance of mine to be the next Broadway superstar via an MTG stint, it serves as yet another example of how valuable a T-pass really is.



WAN YUSOF WAN MORSHIDI

From left to right, Miss Scarlet (Welkin Pope G), Mrs. Peacock (Stephanie Cavagnaro-Wong '06), Colonel Mustard (Edmund W. Golaski '99), Professor Plum (Alan Meisler '92), Mrs. White (Tanis O'Conner '02), and Mr. Green (Timothy Abrahamsen '06) perform in MTG's *Clue, the Musical*.

Ancient Rites of Spring at MIT and Harvard

Spirituality, Community Mark Senior House's Steer Roast and Lowell House's 'Arts First'



AARON D. MIHALJK—THE TECH

Steer Roast, from Page 1

The mud wrestling began. The first two guys went at each other quite intensely. An older man-younger girl duo followed. They seemed a bit hesitant to really go on the attack. The next act was the most intense. Three meaty-sized women took to the ring. The Steers would not be roasted to tender devouring-perfection for many hours yet, but the savage urges in the crowd were satisfied by the ensuing writhing, flailing, throbbing mass of mud-caked female flesh.

Steer Roast and Handel's *Theodora*: Christians Thrown to the Lions

I noted my price for ringside admission: great splashes of mud on my clothes and camera. I ran home to throw the clothes in detergent, change, and head for *Theodora*. It was uncanny to hear Handel's oratorio having just witnessed that the sorts of ritual drives that push forward its action are still very much alive. *Theodora* is a Christian who sticks to her faith in the face of pressure to submit to Roman pagan ritual and, as punishment, is forced into prostitution and ultimately is martyred. To Christian eyes, the Roman behavior is barbaric but, to the Romans, their ways were as normal and required as the Senior House celebration of Sport Death is, and anyone failing to conform would be a deviant and to be banished from society.

Handel's composition is extraordinary because its musical ideas are on an intensely personal level, painting fantastic pictures of the inner torments and struggles of the protagonists. Virtue, pain, guilt (the Roman officer Septimus is quite unsure of the merit of the duties he must perform) all come alive in music of a psychological power only exceeded by Handel in his final oratorio, *Jephtha*, written as Handel's eyesight failed.

Boston Baroque is one of Boston's treasures, an ensemble that has done a great deal to find new insight in their period instrument performances of the baroque repertoire. Some of their recordings are exemplary and unbettered by any competition. The ensemble has just returned from a triumphant tour to Poland. Yet, too often all is not quite well when they perform at home. Much of the music-making Friday night was of the highest caliber — string playing was frequently exhilarating, conveying in its clarity the descriptive detail Handel uses to tell us so much about the feelings in the protagonists' hearts. Yet, all but one of the soloists sang poorly. There was no appreciation for the beauty or meaning of the words they were singing or of the necessary connection between those words and the revelations of the psyche to be found in Handel's wondrous music. Countertenor David Walker was, ironically, the one soloist to show distinction, given the announcement at the opening of the evening that he was suffering from a respiratory infection.



SCOTT JOHNSTON—THE TECH



AARON D. MIHALJK—THE TECH

Walker sang the part of Didimus, a Roman officer converted to Christianity by Theodora, and in love with her, with profundity and clear and accurate singing that conveyed the many levels of religious conviction and emotional suffering that are part and parcel of this complex character. The aria "The raptur'd soul defies the sword," for example, was sung with heartfelt eloquence as well as made the more beautiful by hearing the rapture of its title illustrated by the violins.

Alas, Sharon Baker, in the title role of *Theodora*, was utterly boring. She never discovered Handel's poetry of the soul, never identified with the tragedy of the character whose story she was telling, never delivered the words with anything more than a manner that was at best bland and for the most part empty. Glenn Siebert, as Septimus, was no better. In fact, much of what he had to offer was plain vulgar and missed entirely the subtleties that make the role of Septimus so interesting. Mary Phillips portrayed an affected rather than affecting Irene, *Theodora*'s friend. While Michael Dean, as Valens, President of Antioch, had his moments of power, he also lapsed into colorless singing for too much of his performance. And as for the Boston Baroque chorus, they did have passages of splendor but lacked precision for too much of the time. A shame.

Annual Harvard Fair a World Away from Senior House — Or Not?
The scene in Harvard's Adolphus Busch Hall for the start of one of the many events in Saturday's Performance Fair could not have been more different from the one at Senior House. Assembled were rows of eager, innocent-faced and doubtless clean-living Harvard choristers in robes of black and red. These souls would not have passed the Steer Roast

ID check — probably just as well given what happens should trespassers from Harvard be found "within our sacred walls ..."

I have been coming to hear the Harvard Morning Choir, now renamed the Choral Fellows of the Harvard University Choir, for many

never failing to project — even in their deepest moments — a message of hope. This concert, like all others during the afternoon was brief, but surely made for one of the most life-affirming 20 minutes to be found in New England.

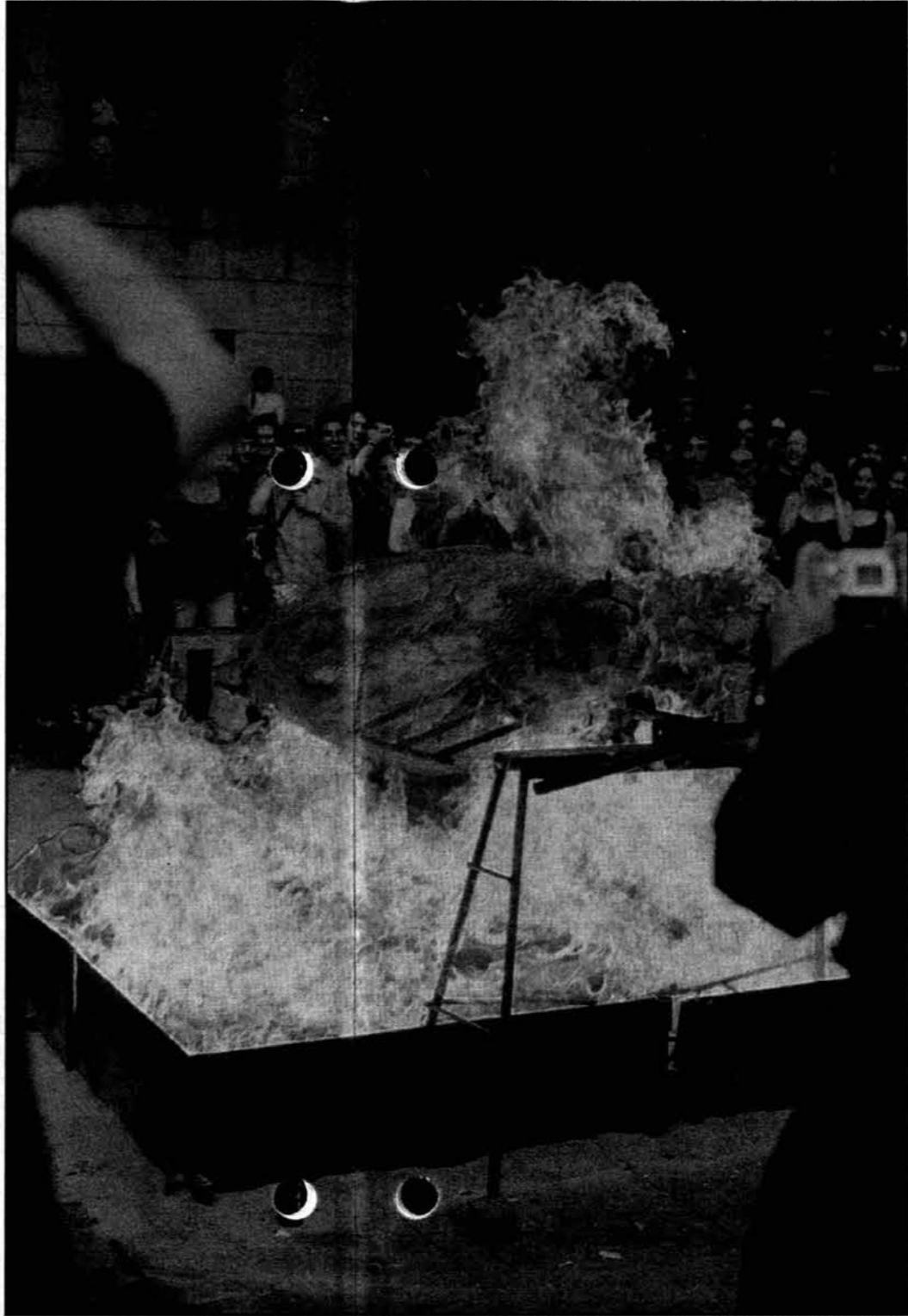
I stayed in Adolphus Busch Hall for the Chamber Singers of the Harvard College Musicum, who were very good, although not quite able to match the transcendent spirit of the Choral Fellows. Then, next door in Sanders Theater, T.H.U.D. (The Harvard University Drummers) provided a wonderfully creative virtuoso entertainment involving not only conventional percussion but cans, brooms, and trash cans. What made the event a huge success was its vital musicality as well as cleverness.

Over to the tiny Holden Chapel tucked away in Harvard Yard to hear Harvard sophomore Brad Balliett play a transcribed Bach solo cello suite on bassoon. His playing was superb, but the sound was invariably on the thick side; a modern bassoon does not sound like a cello of Bach's time. On the other hand, a modern cello doesn't sound like a period cello either — both early wind and string instruments projected sound with greater clarity. After the concert, I asked Balliett if he had considered playing the piece on an early instrument, and he said it would be virtually impossible. He's good enough that he should take up the challenge.

I ran over to the Harvard Science Center for 20 minutes of traditional music from various countries, then back to Holden Chapel for an eleven-piece flute ensemble. To make eleven flutes sound harmonious is a tough task, but it has to be accomplished to perfection to avoid the impression of dissonance. This group did not quite make it, despite passages of impressive bravura.

The afternoon's only disappointment, Thirteen, performed in Memorial Church. This bunch of boorish spoiled kids were supposedly putting on a show of "improvised interdisciplinary performance art," but they came across as witless as well as offensive. Their act was unbearably slow, and when they could come up with nothing better, they chose to desecrate the atmosphere of the church with speculation on whether "first-time priests ever get so nervous that they throw up" during a sermon, and requests for directions to the mens' room. Pure trash.

I finished the afternoon hearing Harvard's Din and Tonics, a male a capella group, in Harvard Yard in front of the John Harvard statue. Their performance was slick, although every year they seem to perform the same numbers such as their McDonalds take off "She is an angel in a polyester uniform," and the Tom Lehrer transformation of "He is the Very Model of a Modern Major General," lay-



SCOTT JOHNSTON—THE TECH

ing out the table of elements.

"One half practices for several hours a day; the other half hasn't touched their instrument in years," announced Channing Yu in the courtyard of Lowell House, a Harvard residence the next day at 3 p.m. But it wasn't unprepared instrumentalists that led to the failure of the performance of the *1812 Overture* conducted by Yu to reach a climax when the firebrand used to explode gas-filled balloons was accidentally extinguished as the overture came to a close. The *1812* is an annual tradition at Lowell House, and with just an hour's rehearsal and kazoo to replace absent instrumental voices, it was none too harmonious this year, at least on the first run. The lapse from the pyrotechnics department was perhaps merciful, however, because it prompted Yu to give the final measures a second attempt, and the result really was impressive, especially augmented by the sounding of Lowell's massive Russian bells as well as the balloon effects.

What would the head-hunters make of this event? Would they not find the strange sounds culminating in explosive noises puzzling? What strange tribe finds joy in this display? Was the setting of flame to balloons any less bizarre than the launching of Senior House's flaming toilet roll? Not really. Both were events that established membership in a community, that promoted a sense of joy as well as belonging.

Certain MIT administrators seem intent on eliminating the spirit of IHTEP embodied in Steer Roast. What they fail to understand is that the IHTEP spirit conveys complex emotions. Such acts, which might appear on the surface to indicate only alienation, provide both a basis for enduring the struggles that MIT often presents and a focus of shared experience and togetherness. As was clear from the smiles at the Senior House Steer Roast invocation for MIT to burn as the Institute's emblem disappeared in flames, this was an expression not only of frustration but also pride in the place, and even ill-concealed affection for it.



CHRISTIAN STENZER



JONATHAN RICHMOND—THE TECH



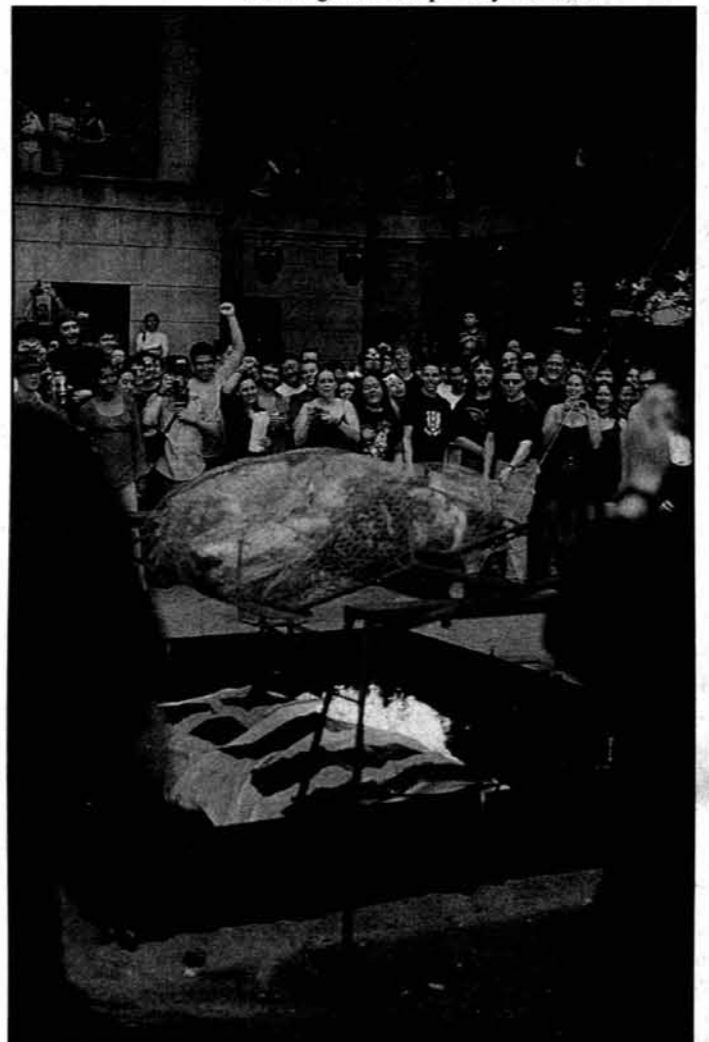
JONATHAN RICHMOND—THE TECH



JONATHAN RICHMOND—THE TECH



SCOTT JOHNSTON—THE TECH

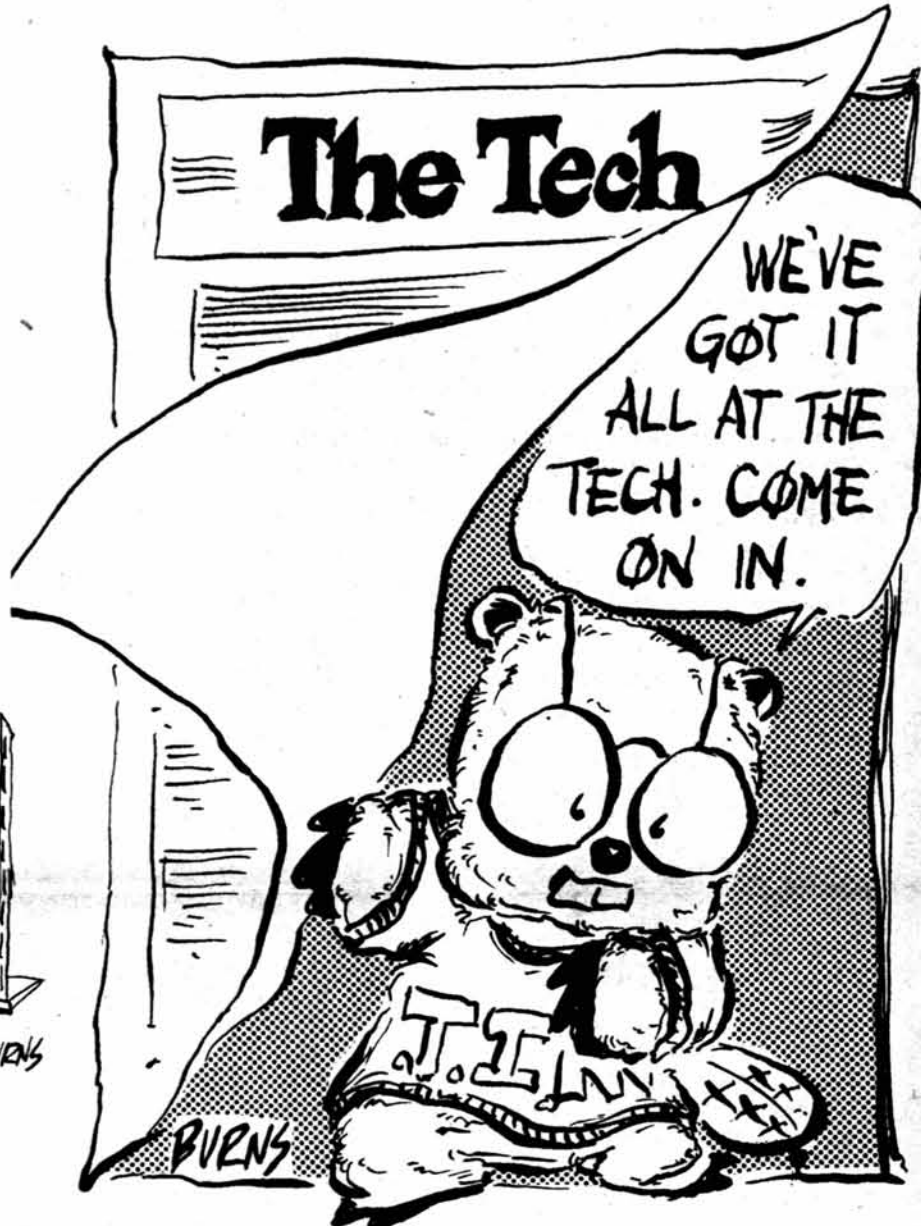
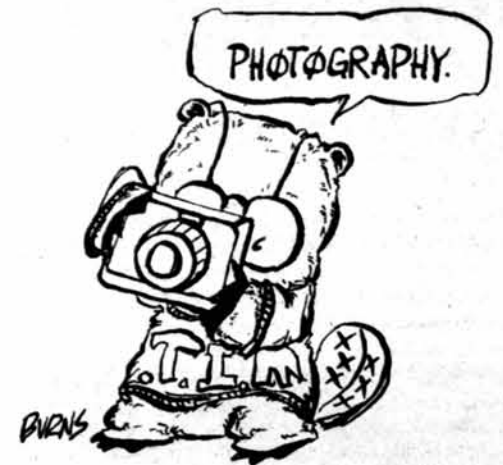


SCOTT JOHNSTON—THE TECH



SCOTT JOHNSTON—THE TECH

Center: Fire rages in the Steer Roast pit. **Counter-clockwise from top left:** Evan (left) and Jesse of Read Yellow, formerly known as The Sharks, perform as the final band of Steer Roast on Saturday night. **The crowd at Steer Roast gathers for mud wrestling Friday night.** Dan O'Day — the "Bopper" — of the River City Rebels stirs up the crowd at Steer Roast on Saturday night. **In a new twist on old tradition, Andrew Brooks G unveils an object more detestable than Institute toilet paper: the new MIT logo. The banner was doused with lighter fluid and served as kindling for the Steer Roast fire.** **A flaming roll of toilet paper descends from the Senior House roof to ignite the pit, draped with a fuel-soaked MIT logo banner.** **Jesse L. Austin-Breneman '05 stands triumphant in the battle of the East Campus deskworkers in the Steer Roast mud pit.** **Countertenor David Walker performed in Handel's *Theodora* with Boston Baroque.** **Channing Yu conducts the *1812 Overture* at Lowell House in Harvard University.** **The Choral Fellows of the Harvard University Choir perform Ned Rorem's *Seven Motets for the Church Year*.** **Fire and exploding balloons are part of the *1812 Overture* ritual at Lowell House in Harvard University.**



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Next House Dominates Moves, But Reasons Vary

Dorms, from Page 1

No one asked to be moved out of Random Hall, and one person requested a transfer from each of Bexley and Senior House.

"You can't make assumptions about a particular hall" based on these numbers, Vallay said. She said she suspected that "groups of friends [might have] applied to move together."

Sandie S. Yang '06 said it was "partially the distance" that caused her to want to leave Next House. In addition, "I'd like to see more of the campus and don't want to be limited to staying in one dorm all four years."

"The people [at Next House] are nice," said Amanda R. Frye '06, but she wanted to move to East Campus for the "sense of community."

David M. Legault '06 is moving from Baker to Simmons Hall to live

closer to a friend. "At first I didn't really like it because it was unattractive, but now it's kind of growing on me."

Christopher P. Possinger '05, president of ILTFP, said he wasn't surprised that transfer requests were not up.

"It's my personal feeling that just about anyone who comes here could live in just about any dorm," he said. What dormitory rush provides is "finding the place that fits you the best."

Possinger said personal interviews and "more qualitative questions" would be better than quantitative measures, like the number of transfer requests, for assessing rush.

Legault said he believed no dormitory rush would have helped him make a better decision about where to live because he built friendships after rush ended.

Dormitory Transfers	Students Requesting Off Campus	Freshmen Moving for Undergraduates	Total Beds
Baker House	13	40	318
Bexley Hall	1	13	120
Burton-Conner	13	36	344
East Campus	7	36	362
MacGregor House	19	21	326
McCormick Hall	12	5	238
New House	13	11	291
Next House	53	47	347
Random Hall	0	2	93
Senior House	1	9	146
Simmons Hall	16	31	344

"Students Requesting Transfers" includes only residents of a dormitory who submitted transfer requests on time. "Freshmen Moving Off Campus" includes only residents of that dormitory who designated themselves as members of the class of 2006 to the housing office and indicated that they would not be staying in an undergraduate dormitory in the fall. "Total Beds for Undergraduates" indicates the maximum number of undergraduates that can be housed in that dormitory. Numbers given for New House include the cultural houses.

SOURCE: HOUSING OFFICE

MIT Western Hemisphere Project

Spring Colloquium 2003

<http://web.mit.edu/hemisphere/events/sc03.shtml>

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And next week:

Open Meeting
Tuesday, May 13
7 pm in 4-231

The last of our open meetings this semester: we'll be taking feedback and planning next fall's activities. Come lend a hand!

Guantanamo!
Friday, May 16
7 pm in 4-231

A comedy by Tomas Gutierrez Alea and Juan Carlos Tabio about the bureaucracy of life — and death — in Communist Cuba.

MIT Western Hemisphere Project (<http://web.mit.edu/hemisphere>)



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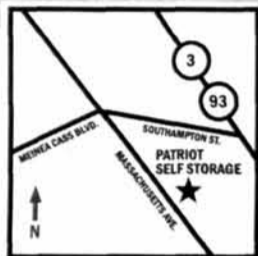
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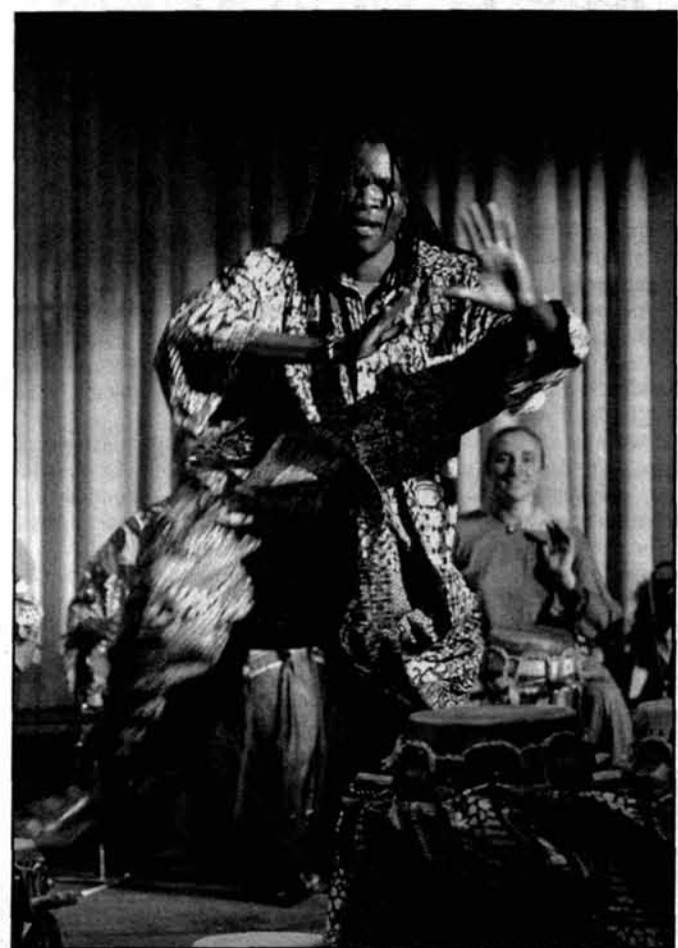
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COLIN DILLARD—THE TECH

Artist-in-residence Lamine Touré performs with the group Rambax MIT last Friday in La Sala de Puerto Rico. Rambax MIT learns and performs traditional drumming and dance of Senegal.

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Group Ponders Dinners

Orientation, from Page 1

She said that the committee needed to talk with the departments about what changes in the schedule were feasible before any decisions could be made.

Elizabeth L. Greenwood '05, also a committee member, said that one possibility for an icebreaker at the dinner was an engineering contest in which the students would break into small groups to compete in constructing an object.

Alternatively, she said, the committee was considering encouraging faculty to tell students about their life story as an icebreaker, or possibly discussing their college experiences.

Goal is to connect students, faculty

When the committee was originally formed, Robert P. Redwine, the dean for undergraduate education, said that the committee will look into "anything that will make it possible for students to connect sooner and better to faculty and ... people who can show them what the intellectual experience is all about."

The committee is made up of eight members of the faculty and administration and four students. Rajieb said that the students applied to the committee for the positions.

He also said that it seemed likely the students will be chosen in the same way if there is a committee on the reading assignment this fall.

MIT Issues \$250 Million in New Bonds

By Nathan Collins
EDITOR IN CHIEF

MIT has issued about \$205 million in bonds to fund continuing construction and to refinance older bond issues, said MIT Treasurer Allan S. Bufferd '59.

The bonds bring MIT's total debt to about \$915 million, more than three times the \$300 million in debt MIT had before beginning its current construction push, Bufferd said. MIT's total assets stood at about \$7 billion at the end of last summer, according to the 2002 Treasurer's Report.

The increasing debt "is a concern," he said, though "I think concern is too strong a word."

Taking on additional debt "has some effect on your acceptability" in the bond market, and could mean MIT will have to pay higher interest rates on future bonds.

Bufferd said that he hoped to maintain MIT's generally high bond rating. As with MIT's last offering, the latest bonds are rated triple-A by Moody's Investor Service, a financial research firm. Such ratings indicate the likelihood that the issuer will be able to repay the value of the bond plus interest.

Bonds are generally paid back somewhat incrementally. Each issue often comprises bonds that take two to thirty years to mature, Bufferd said, so MIT is paying back its debt all the time.

Bufferd said that the most recent bond issue "was very well received" in the market.

Bonds will fund construction

The bonds, known as Series L, are "part of the continuing financing of the construction program" and

will fund new buildings for the Brain and Cognitive Sciences department as well as current construction projects. MIT has had an extensive building program in the last several years, including the Stata Center, the Zesiger Sports and Fitness Center, and renovations in the Chemistry building.

MIT "is committed to finishing all those projects that are started," Bufferd said. There are "no other significant financing plans" in the works. MIT is likely to sell a similar amount of bonds next winter or spring, he said, but few are expected after that.

Bufferd added that the bond issues are intentionally spread out. "Why borrow money before you need it?" Bufferd said.

The amount and timing of future bond issues will depend on whether money in the form of gifts comes in

and whether new projects are approved, Bufferd said.

\$55 million goes to refinancing

Roughly \$55 million will go toward paying off, or calling, older Series H bonds in a procedure similar to refinancing a mortgage, Bufferd said. Though some of the bonds are not yet mature, MIT can pay them off early. July 1, 2003, ten years after the Series H bonds were issued, "is the first opportunity we had to refinance by the terms of the bonds," and MIT will call the higher interest Series H bonds then, Bufferd said. "With the very favorable rate conditions ... we chose this as an opportunity to refinance."

The bonds are alphabetically ordered; MIT offered the Series A bonds about thirty years ago, Bufferd said.



New Threats to Freedom and Privacy Online

Stewart Baker, former General Counsel, National Security Agency
Christopher Hoofnagle, Deputy Counsel, Electronic Privacy Information Center
Susan Landau, Senior Staff Engineer, Sun Microsystems Laboratories
 Moderator: **Daniel Weitzner**, Director, W3C Technology and Society Domain and Senior Researcher, MIT's Laboratory for Computer Science

Tuesday, May 6 ~ 5:00pm

Wong Auditorium (E51; One Amherst St, Kendall Sq)

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R	O	A	R	B	E	L	A	L	O	S	E		
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R	A	T	T	A	I	L	E	L	E	C	T	R	A
R	O	B	E	D	S	L	E	W	E	D			
O	M	O	I	S	I	S	S	O	H	O			
R	A	P	S	A	S	S	A	Y	S	P	E	R	
P	R	E	P	S	S	W	A	Y	H	A	N		
H	I	R	E	A	B	L	E	C	R	E	A	T	E
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from page 10

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Institute-wide bidding for Sloan subjects:

Opens 9:00 a.m., Monday, May 12
 Closes 5:00 p.m., Monday, May 19

Waitlist-Only Round for closed Sloan subjects:

Opens 9:00 a.m., Friday, August 1
 Closes 3:00 p.m., Tuesday, September 2

Waitlists for closed Sloan classes are part of the Course Bidding System, beginning in Round II.

Successful bids appear on your Registration Form on September 2 and will be posted on the bidding website as of July 16 -- write down your password to check results!

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Room 1-390 (Bechtel Lecture Hall)

Tuesday, 13 May, 4:30-5:45 P.M.
Room 1-390 (Bechtel Lecture Hall)

For further information
(or if you can't attend either meeting), contact:
Prof. Linn Hobbs, x3-6835, hobbs@mit.edu

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Organizational Meeting
New Team Entries Accepted

Wednesday 7 May

5:30pm
Student Center
Room 491

For more information, contact:

Shawn Hillier, MITCSS Coordinator
MIT Rm. 56-686, x3-6207, hillier@mit.edu

Mark Throop, MITCSS Commissioner
Messages: 283-3670, mthroop@rcn.com

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Wednesday, May 7
3:30-6:30PM
Kresge BBQ Pits



Students Not Seriously Affected By E-mail Outage

E-mail, from Page 1

"Files on the T3 Raid array on PO11 disappear and re-appear at random," the page said. A RAID array is a collection of hard drives grouped together to store information with greater reliability and speed.

"File system checks show that everything is fine, all operating logs show no problems, but sometimes files just don't appear to be there, but then are back a few minutes later," the page said.

Twenty-four hours into repairing the problem, and with little sleep, the team was still willing to joke a bit. "The bug itself is very weird," Schiller said. "That's the technical explanation," Coppeto joked.

Earlier in the day, Coppeto said poll was acting like the nonexistent — and unlucky — "pol3."

Later, after the system was repaired, Schiller said an MIT alumnus who works for Sun Microsystems, William E. Sommerfeld '88, "was able to track through [Sun's] internal databases and find an obscure software problem that we suspect was triggered by a hardware failure," Schiller said.

The problem has a known workaround, Schiller said, and MIT is now "running on the original unit with the fix in place."

Users make do in different ways

Users affected by the outage, roughly one fifth of MIT, reported they are coping well with the loss of e-mail access.

"I was able to find other things to occupy my mind," said Physics Professor Frank Wilczek of his

day-long loss of e-mail. "I'm kinda worried about what's going to hit me tomorrow or when it comes back."

"I haven't been sweating it much," said Dina H. Feith '03, adding that she nonetheless hoped her e-mail would return soon, because she is a TA and her students would be seeking her help preparing for final exams.

"I had a prof who was fairly upset that I didn't realize that my oral exam got rescheduled," said Benazeer S. Noorani '04. "And our house cook got upset that I didn't realize that we needed more bread for dinner." Both were the result of unreceived e-mail, she said.

"There were a lot of phone calls in the morning, as people appeared," wrote User Accounts Consultant Laura E. Baldwin '89 over Zephyr. Baldwin answers user questions for Information Systems, and was herself without e-mail for some of yesterday because of the outage.

"It's frustrating to not have a useful thing to tell people," she said.

Predictions varied through day

Communication with users about the outage varied with the Network Services Team's decreasing optimism throughout the day.

At 7:00 a.m. Monday morning, the team's advisory on the MIT Services Status Page at <http://web.mit.edu/3down> said "we expect [reconstruction] to be complete by 8 a.m." At 9:15 a.m., the advisory predicted a return of service in "20 minutes."

As the scope of the mysterious problem became more apparent, those predictions had to be revised.

"At this time we estimate service should be restored at 5pm," the team's advisory said at 12:35 p.m., a prediction that was updated to "sometime tonight" at 3 p.m.

Meanwhile, the telephone version of the services status page, at 3-DOWN, continued to report e-mail as "fully functional" through-

out the day.

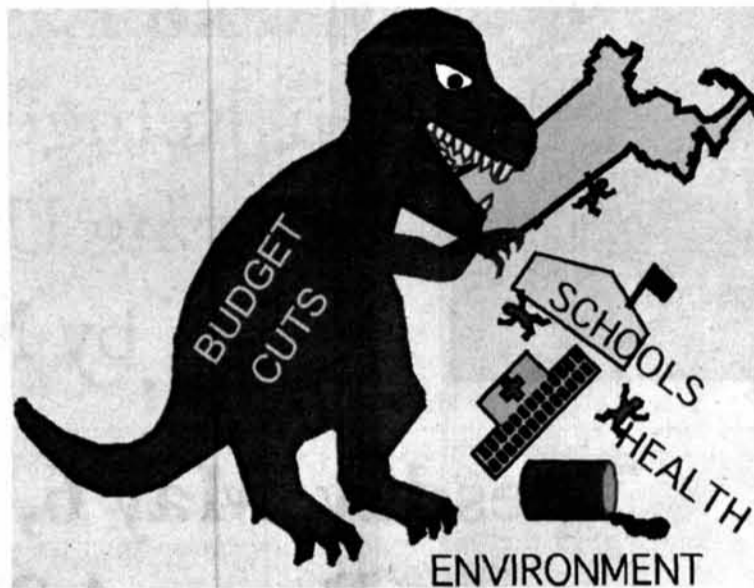
"Data recovery is still progressing and approaching completion," the team's advisory said at 11:20 p.m.

Finally, at 12:50 a.m. Tuesday, the advisory announced "poll is UP!!!" and apologized for the length of the outage.

Shortly after the restoration of service, Coppeto and Schiller called a reporter to announce that the machine was back in service.

Their relief — 27 hours after the machine was first taken out of service — was palpable. "Do you want to hear what happened?" Schiller asked.

The Monster That's Eating Massachusetts



How state and federal budget cuts undermine health, education, human services, housing, and the environment in Massachusetts

Wednesday, May 7 • 7:00PM • 2-105



Chuck Turner
Boston City Councilor



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MIT Department of FACILITIES
CAMPUS CONSTRUCTION UPDATE

Vassar Street Utilities
 Steam manhole work on Main St. near Building 48 will continue for three more weeks, possibly affecting pedestrian and traffic flow. Pedestrians will be diverted around the work area at Main Street and Building 48 as work progresses. Work continues at the Main St. intersection.

Vassar Streetscape
 Work near Building 35 and Mass. Ave. will cause pedestrian detour. Trees removed as part of the new security/landscape enhancement project near Buildings 39, 13, 31, and 24 will be replaced with new trees as well as added landscaping, irrigation, teak benches, new lighting, and sidewalks. Traffic into and out of the entrance to Building 39 will experience delays or lane shifts as work on the new entrance from Vassar Street continues. Pedestrian traffic has been moved next to Building 38 to allow for construction of new sidewalks near Vassar Street.

Brain and cognitive sciences project
 Demolition of Building 45 is underway. Test piles have been driven on site. Traffic to the Albany Garage has been rerouted to the N10 annex lot. Installation of trailers between Building 44 and the railroad is in progress. Removal of an abandoned steam pile from the Vassar Street sidewalk is in progress and will continue for two weeks.

MDC Memorial Drive Rehabilitation Project
 Work on the underpass bridge at the intersection of Mass. Ave. and Memorial Drive continues. Work from the Mass. Ave. bridge to the Cambridge Parkway Extension continues. Two travel lanes will be open during the peak morning hours but minor delays should be expected.

Baker House
 Work at the east end of the building will include window removal at the fire stair and handicap bathrooms and brick repointing, which may produce dust and noise. Work at the east end of the north stair will include window removal and stucco restoration.

For information on MIT's building program, see <http://web.mit.edu/evolving>
 This information provided by the MIT Department of Facilities.

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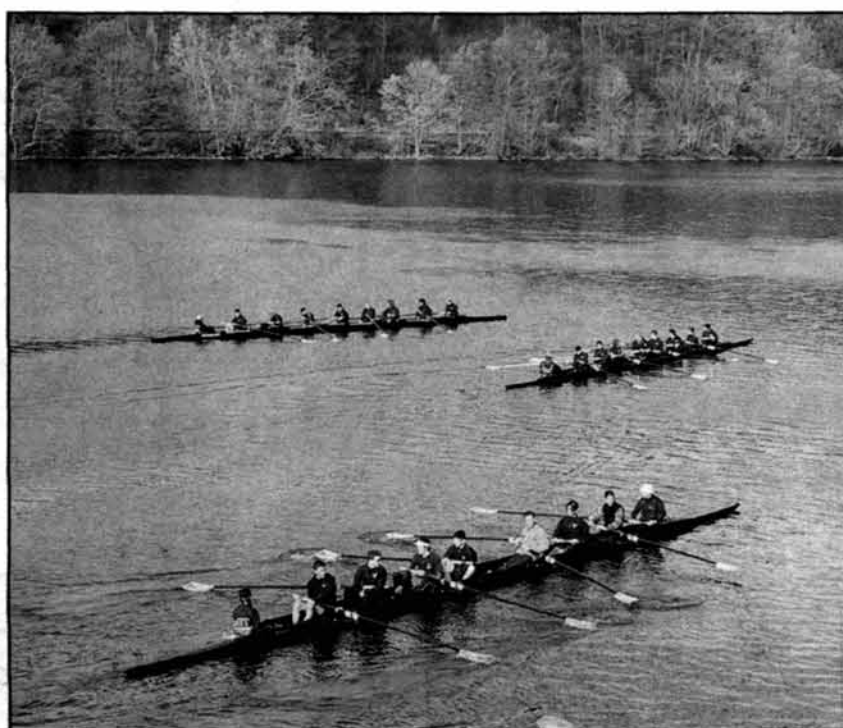
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AARON BELL—THE TECH

In keeping with rowing tradition, the MIT Freshman Heavyweight eight hurl coxswain Mabel Feng '06 into the Charles River in celebration of their victory over Dartmouth Saturday morning.



DMITRY PORTNYAGIN—THE TECH

MIT lightweight men's crews launch out of Gilder boathouse to practice before their races at Yale University. Yale, the second-ranked team in the country, defeated MIT in all three races.

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Martinez Dominates Minnesota

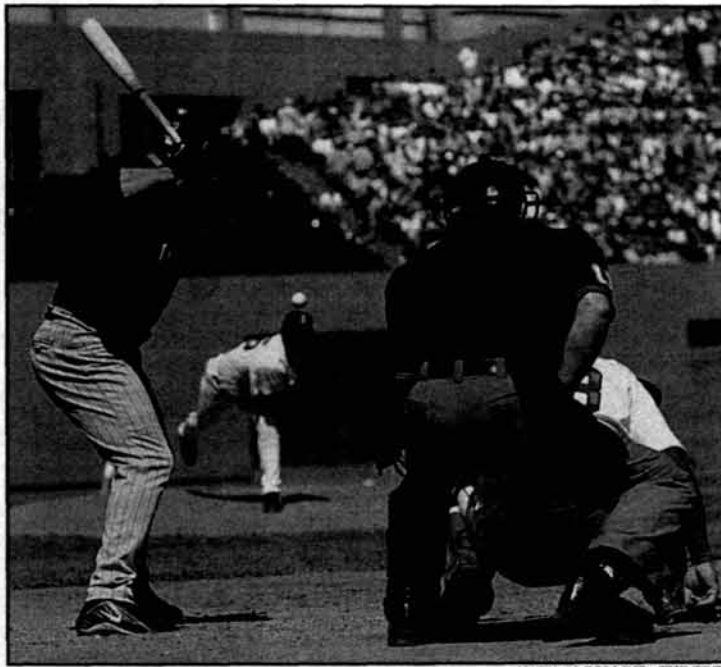
Pedro, from Page 24

be replaced in the starting rotation by young phenom Johan Santana, pitched impressively, but was forced to leave in the fourth with a lower back strain. Soon after, Boston blew the game open with a seven-run sixth.

Sox first baseman David Ortiz, playing in his first series against his former team, led off the inning with a walk off reliever Joey Fiore, and Kevin Millar and Trot Nixon followed with singles. Then the floodgates opened, aided immensely by a pair of errors, one by second baseman Luis Rivas and the other by Koskie. Nixon, Jason Varitek, and Johnny Damon drove in runs before Ortiz stepped up to the plate again, this time with the bases loaded. It was the first time all season the hefty slugger had batted with the sacks full, and he responded with a bases-clearing double that put the score at 9-1. When the dust had cleared and the Twins had finally picked up three outs, the damage was done. The Red Sox had put up their most productive inning of the young season, the seven runs trumping the six they scored in the seventh inning during the previous night's loss. Out of those seven runs, five were unearned.

Sox led by Martinez

For a team to defeat Martinez, it must play fundamentally sound base-



NATHAN COLLINS—THE TECH

Red Sox pitcher Pedro Martinez strikes out Dustan Mohr to end the fifth inning against the Minnesota Twins last Saturday at Fenway Park. Martinez struck out twelve in the 9-1 victory over the Twins.

ball, and Minnesota's sixth inning collapse spelled its doom. Though unaccustomed to big leads thanks to generally paltry run support, Martinez no doubt felt as comfortable as he has all season. He knifed through the final three innings. In the ninth inning, with the crowd of 33,061 on its feet, he retired Guzman on a

harmless fly to left, before fanning Koskie and catcher Matthew LeCroy with a pair of blazing fastballs.

As chants of "Pedro, Pedro" echoed off the Green Monster, it was quite clear that Red Sox championship hopes rest on Martinez' bionic arm, and right now that is a pretty good place to be.

NBA Playoffs: Kings, LA Likely to Advance

Interruption, from Page 24

round. Celts in six.

In the West

LA vs San Antonio:

No one except Jack Nicholson and the rest of LA wants to see the Lakers go any farther. I am still angry at the calls they got against the Kings. Let's not go there. While you have to hate the Lakers, you also have to love some of their plays. Kobe has had a few that are unreal including 360 dunks, four-point-clutch plays, and reverse-pump-spin-laugh in awe slams all over seven foot Wolves. Shaq has been Shaq — what a bore. Fisher has been the X-factor so far for the Lakers and Rick Fox's absence will

not be good for them if they want to seriously challenge San Antonio. For the Spurs, it will all be up to Tony Parker primarily to step it up and humble those Versace wearing Lakers. (I hate doing this.) Lakers in six.

Sac vs Dallas or Portland:

If Dallas, Dallas has shown that it can't really compete against the really great teams in the league. It couldn't close it out efficiently against the Blazers and their stars, like Nash, are not performing up to their regular standards. The Kings are focused and Peja is just waiting to hit a few heartbreaking threes to kill Cuban dreams of getting even more attention. Kings in five.

If Portland, who cares? Kings in five.



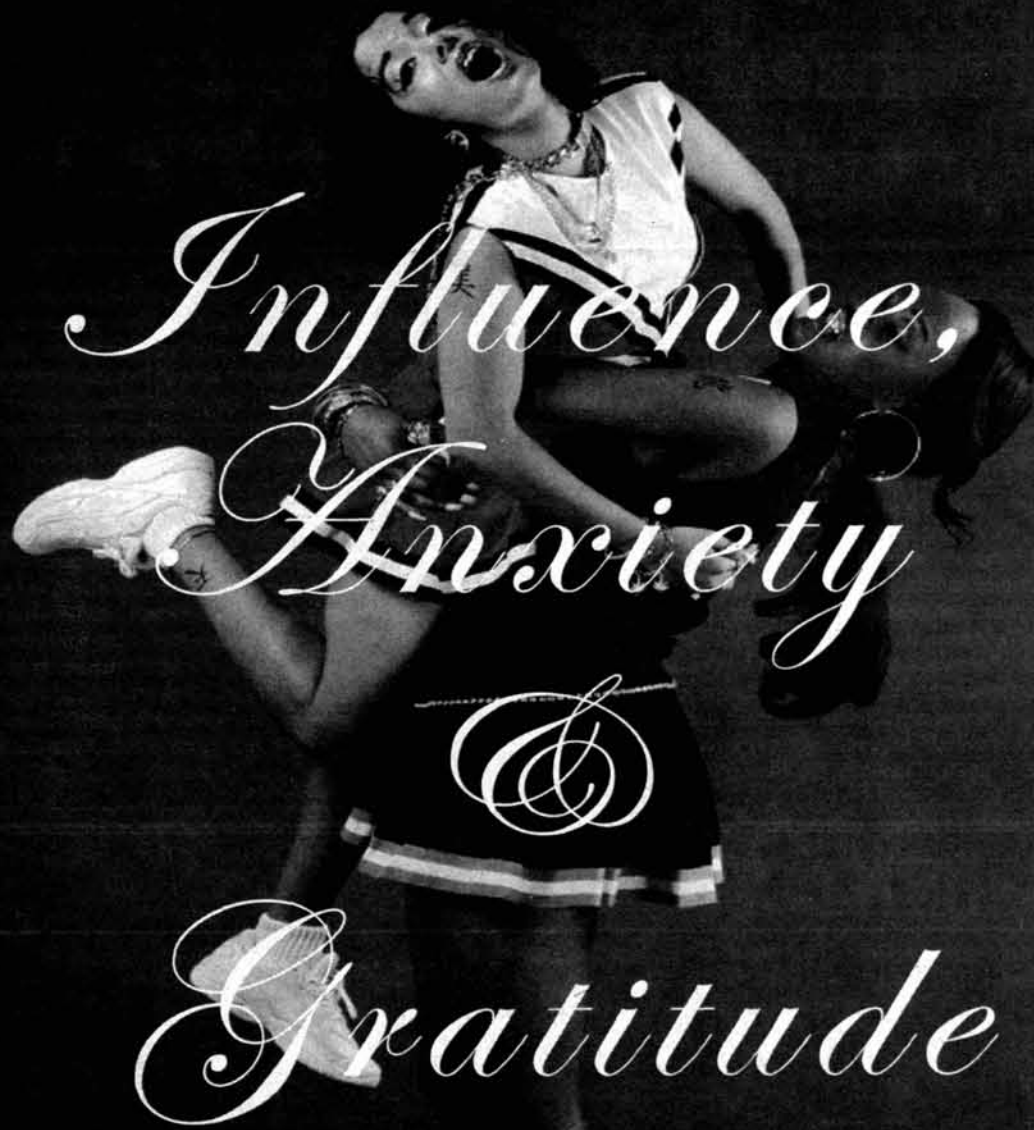
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SPORTS

Sox Take Minnesota As Pedro Dominates

By Vivek Rao
STAFF COLUMNIST

Forgive Fenway Park faithful for giving Pedro Martinez a standing ovation following the seventh inning of the Boston Red Sox 9-1 victory over the Minnesota Twins this past Saturday. After all, in years past, the Red Sox ace would no doubt have spent the final two innings of the rout pampering his fragile yet divinely talented right arm in the dugout or clubhouse following another spectacular yet incomplete outing.

New Martinez untouchable

This year, however, Martinez is carrying an exuberance and sturdiness not seen in these parts since his first and second seasons in Boston. While he is without a doubt the most skilled and talented pitcher in Major League Baseball, he has been plagued by injury concerns for several seasons. Reports surfaced this spring of a fitter and stronger Martinez who was ready to reestablish himself as the best hurler in the game, and early returns suggest nothing to the contrary.

Witness Saturday's game, when Martinez resurfaced from the dugout to the crowd's surprise, not once, but twice, completing a nine-inning, one-run, twelve-strikeout masterpiece against one of the better teams in the American League. He has now given up one earned run or less in five of his seven starts, compiling a 3-1 record alongside a 2.55 ERA. Pedro 2003 is beginning to look a lot like Pedro 1999, and that is promising news for the Red Sox, as they attempt to finally derail the New

York Yankees' lengthy reign over the AL East division.

12-man strikeout run helpful

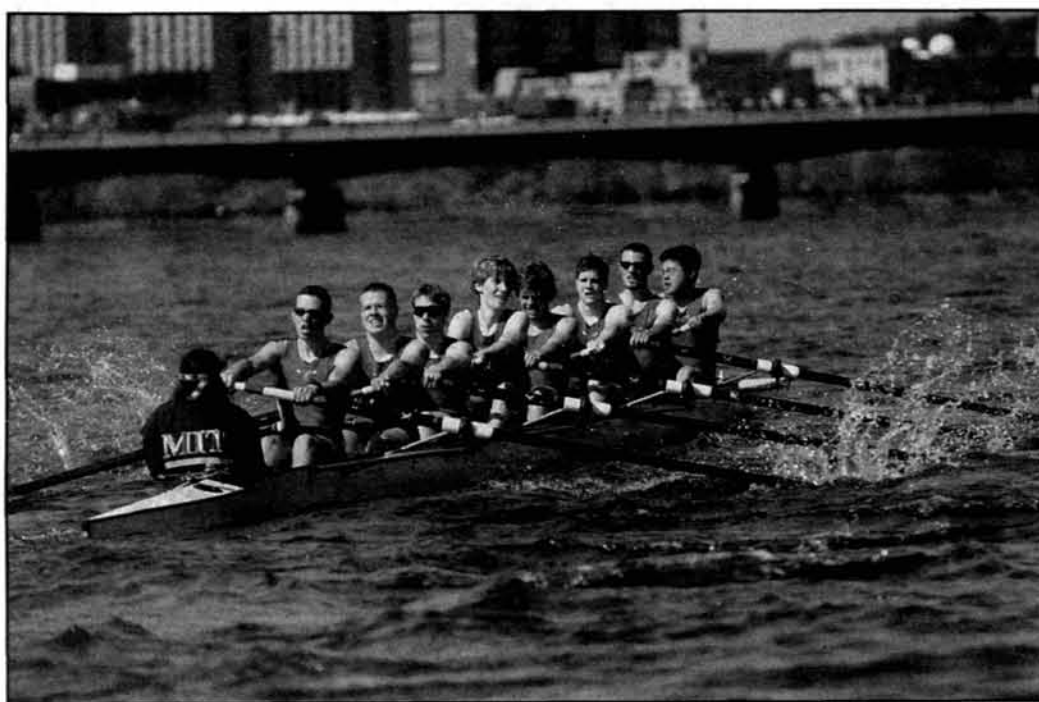
A pivotal moment in Martinez' latest gem came in the fourth inning. Spotted an early 1-0 lead following a Trot Nixon sacrifice fly, Martinez had breezed through the first three innings, striking out five along the way before facing his first test of the afternoon. The speedy Cristian Guzman doubled down the right field line and scored on a Corey Koskie single, knotting the game at one, and perhaps more importantly, giving the Twins a much needed psychological boost.

Martinez, however, handled the situation with his unrivaled poise, proceeding to retire the next twelve men he faced. Along the way he out-classed and outmatched Minnesota's anonymous yet talented batting lineup, especially young stars Jacque Jones and Torii Hunter. With command of all four of his primary pitches, he was able to get ahead of hitters before going after them with some downright nasty out pitches. Of the 108 pitches he threw, an impressive 77 were strikes, and this efficiency allowed him to pitch his first complete game of the year.

Seven-run inning clinches lead

By the time the Twins had another runner aboard — with one out in the eighth — the Red Sox offense had given Martinez the run support he so often lacks. Minnesota starter Rick Reed, whom many feel should

Pedro, Page 23



STANLEY HU—THE TECH
The MIT freshman eight row towards the Harvard Bridge during Saturday's head-to-head competition against Dartmouth College. The crew won the race in 6:17.08. Pictured, from left to right: Mabel Y. Feng (coxswain), Kieran F. Culligan, Michael P. Whitaker, James S. Otten, Dan L. Wheeler, Christopher R. Rhodes, John J. Bergin, Aaron H. Bell, Bryan Shieh.

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DAN BERSAK—THE TECH
Nicolas Meilhan G runs the ball downfield in MIT Rugby's 36-19 victory over the South Shore Anchors Saturday.

MIT's Interruption The NBA Playoffs

By Eric Rosenblatt
STAFF COLUMNIST

It has been a mad first few games in the NBA playoffs. We have seen eight seeds push one seeds, 40 point performances in every other game, a buzzer-beating-three to win a game, Iverson scoring 55 (56% of his team's points) in a game to lead his team to a victory, TMac hitting 46 (60% of teams points!) in a game and still losing. I could go on and on. So who's for real or just waiting for that glass slipper to shatter? (Before I start, I must say that basically all the teams in the East are Cinderellas to win it all, but the Eastern title is still something to shoot for.)

In the East

Philadelphia vs Orlando or Detroit:

If Orlando wins, Orlando will be battle tested and ready. TMac has been unstoppable and it will be up to the rest of his team to hit a few shots to make it competitive. Al has also been heating up and his team, while still less than spectacular, is better than TMac's. It should be a fun show, but I think the sixers will dominate. 76ers in five.

If Detroit, surviving a first round scare, Big Ben will want to come out and prove it was no fluke being the number one seed. Rick Carlisle, my coach of the year, will have his team very well prepared but I think the fast-paced, transition based offense along with AL tic-tacing his way to the hoop will be too much for the Pistons to handle. 76ers in six.

Boston vs New Jersey:

Paul Pierce is excited and getting wild, and when that happens he hits basically everything. Surprisingly, the Celtics supporting staff is actually supporting the team led by Walter McCarty and Tony Delk who look to be uping their play at the right time. Jason Kidd has had a slow start missing some important shots down the stretch in some game against the Bucks. He was still able to pull it together for NJ but I think the Celtics momentum will carry them through the second

Interruption, Page 23

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