Happy Chinese New Year 4684
Stop by tonight for an evening of conversation and free Toscanini's ice cream with no strings attached. We are always eager to meet you, hear your opinions of The Tech, and invite you to join us.

The News Department offers the opportunity for you to get a first-hand look at what's going on around campus and to report it to the MIT community. The Photography Department is open to anyone with a camera. Photography is a skill which improves with practice and taking pictures for the newspaper offers you no end of subjects. Take assignments when you want.

The Sports Department is looking for sports-minded people to write on MIT athletics. MIT fields teams in many sports. Help bring their efforts to the public eye.

The Opinion Department lets you vent your spleen about anything you see happening at MIT or in the "real world." It also allows for more creative writing.

The Production Department brings out the graphic artist in you. Help design the newspaper and lay-down the text of the newspaper as well and as quickly as you can. The Arts Department brings the cultural (and not so cultural) events of MIT and Boston to you and to your readers: movies, records, concerts, plays, you name it.

Come visit us.

Tonight, 7pm
Student Center Room 483
Toscanini's ice cream will be served.
World

Nelson Mandela may be freed

Winnie Mandela, his wife, says her husband, African National Congress leader Nelson Mandela, may soon be released from prison, but she doesn't know the date. She singled out the day she visited him at Victor Verster prison before the last election. His condition was good, she said, and she held his hand and told him she was proud of him.

Duvalier family flees Haiti

Former President-for-Life Jean-Claude Duvalier returns in exaltation at a luxury hotel in southeastern Africa. Dozens of organizations have asked to meet with Duvalier, who has been charged with treason and other crimes. The United States plans to release a CIA coup plan that was handed over by passing defense secrets to Czechoslovakia.

Latin American ministers meet Shultz

Foreign ministers from eight Latin American countries met with Secretary of State George Shultz in New York City. They urged the Reagan administration to resume dialogue with the Sandinistas of Nicaragua, and to support the anti-government "contras." The ministers described this course of action as "the only peaceful path." (AP)

Spy-swap scheduled for today

Sources in the Reagan administration revealed that the proposed East-West spy swap is scheduled to take place in Berlin today. The United States plans to release a CIA agent who has been leased with passing defense secrets to Czechoslovakia.

Jeffrey Gieseking

The New York Philharmonic announced that Jeffrey Gieseking, one of the world's leading pianists, has been appointed as the orchestra's second Concerto soloist. Gieseking, who was born in Berlin in 1945, will make his debut with the Philharmonic on March 18, performing Mozart's Piano Concerto No. 23 in A Major. Gieseking was posthumously awarded the Pulitzer Prize for Music in 1978.

Sports

US figure skaters crowned

Brad Gilbert is the upset winner of the US national indoor tennis championships. Gilbert, who was ranked 40th in the world, defeated top-seeded Jimmy Connors, 6-4, 6-4, in the final. The victory earned Gilbert a spot in the world's top 20. Connors had been ranked as high as 28th in the world, but had slipped to 40th in recent months.

Massachusetts Democrats meet

Record numbers of democrats attended party caucuses yesterday, suggesting a year of fermenting change in the party. The caucuses have become increasingly important in the selection of party candidates. Senator Paul Tsongas, the chief congressional sponsor of the act, has set in motion an appeal to the Supreme Court to restore that portion of the act. (AP)

Local

Kennedy hopes to visit MIT

Joseph A. Smith, chairman of the National Science Foundation, is scheduled to visit MIT today. Smith will be meeting with faculty members to discuss issues of concern to scientists and engineers.

New world mark set in pole vault

Sevika Khabad of the Soviet Union set a new world indoor record in the women's pole vault, clearing 5 meters in Moscow. The mark was broken later in the day by Texan Betty Milos, who vaulted 5.1 meters in the California state championships. The US Olympic trials will be held in New Jersey. The world record has already been set seven times in 1986-87.

Science

Quickly rotating pulsar discovered

A new pulsar has been detected in the constellation Perseus by Dr. Robert J. Benjamin, of the Harvard-Smithsonian Center for Astrophysics. The pulsar is rotating at an extraordinarily rapid and highly uniform rate, making the pulsar an extremely accurate clock. By watching for changes in the clock's speed, astronomers hope to be able to detect any jostling of the space between the star and the Earth by gravitational waves. The new pulsar is the second fastest spinning among 400 that have been discovered, and it is the sixth which orbits a companion star. (The New York Times)

Weather

A low pressure system, having developed off the coast of the Carolinas, will pass over our South and east today. We expect to see rain and a chance of snow or sleet, especially after sunset.

Comet Halley passes through perihelion (point in orbit closest to the sun) at 11h Universal Time (6 AM EST) Sunday, moving into the outer leg of its 76-year journey around the sun. The comet will be visible in the northern sky, although it will be difficult to see due to the glare from the Sun. The comet will be visible from Earth until September, when it will be too close to the Sun to be seen.

Cambridge tours Soviet Union

A panel of American who have traveled extensively in the Soviet Union will discuss American-Soviet exchanges and visit the Cambridge Rindge and Latin High School this week. The five-member panel includes Cuba's return of the US rocket booster of the space shuttle Challenger caused the bottom half of the booster to separate from the external tank, according to a top report published in Science.

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Access to grades should be limited

The Student Assistance Services in the Office of the Dean for Student Affairs (ODSA) supplies grade reports of dormitory residents to their housemasters. Associate Dean for Student Affairs, Director M. Randolph said that this is intended solely for counseling. For example, housemasters could use this to identify a student's poor grades. However, the access is not warranted breach of a student's educational privacy that could lead, in extreme cases, to harassment. If a professor has a valid reason to review a student's grades, that request should also be directed through the student's advisor.

In some dormitories, housemasters have given the grade reports to graduate residents. To allow graduate tutors to see the records, they should meet with the student's advisor.

Last year, a dormitory housemaster who learned of a student's poor grades informed the dormitory president of this lack the maturity to use this confidential information in an academic advising capacity.

The release of grade information should come strictly at the discretion of the student and his or her academic advisor. Directed through the student's advisor.

She's home for Christmas

She's home for Christmas, and her parents are arguing. Most children sit down at the kitchen table to read the newspaper. Father stands, listening to the rattle of the pages. His right hand is playing at his breast.

Back from college in the east, she lies on the sofa, plucking pine needles from her dirty sweatsocks. Her parents have thrown the court for the game to begin. She can see it now, if she wants to. It's dark green, dying dead on the drive way. The needles hurt her feet. What's the matter? her father asks.

Nothing's the matter, her mother replies.

Upset, mother becomes cold and silent, gesturing father to ask what's the matter until they both explode in anger. What gets to him is that her father knows exactly what's the matter, and her mother doesn't read newspapers.

Can we help you with your bags? they had asked at O'Hare.

No, there are just bags under my eyes. I haven't slept in a week.

You're so quiet. How is the weather in Boston? Do you have any friends? What is that you have in your hair? Do you have enough vapor? Of course she does, she's a little chubby now. Oh no, you look just right. I didn't like it when you were skinny. You look just right.

(A year from now, they will say: Remember last Christmas, when you were overweight?)

The day before Todd left, they played basketball:

...
Tenure depends on finances

To the Editor:
I would like to offer some comments on Professor Frank E. Morgan's tenure case, which has received much attention in The Tech recently and which has been fairly treated. Earl Van's article "UA urges tenure review," Feb. 4 was objective and accurate, while the letters from Marino Tavarez ("Teaching not a priority at MIT." Feb. 7) and Miller Puckette ("Make you views known to MIT," Feb. 7) offered eloquent personal testimony to the deep impression Frank has made on many MIT undergraduates over the last seven years.

In the discussion, emphasis has been placed on Frank's teaching and his contributions to the Institute. Perhaps I could add some remarks about his research. Mathematics research is usually not easy to describe to non-specialists, and Frank's papers are as technical as any. Yet many undergraduates know something about his professional work, because of his efforts in class to communicate the excitement he feels in doing it.

Frank's research is in the theory of minimal surfaces - surfaces which have minimal area for a given boundary. They can often be realized by shaping a wire in the form of the boundary and dipping it in soap. The resulting soap film will be the minimal surface. The classical problems are existence and uniqueness: for a given boundary, does a minimal surface exist, and if so, is it unique? There are all striking and original contributions to a 106-year old problem. But he has done more.

As letters we received attest, Frank is making discoveries that Nature shows us the surface exists - at least in three-space - but he is silent about the uniqueness. Much of Frank's research has been on this uniqueness question. He has shown that in a certain sense, there would be a uniqueness - those "almost all" boundaries. The proof required a difficult mixture of geometric measure theory and geometric measure theory and differential equations into pure algebra, of a difficult variety - the so-called Canonical Forms of 3-places in spaces of dimension 6, 7, and 14. 140 years after this algebra was invented, Frank is making discoveries about it.

As letters we received attest, Frank's research in minimal surfaces is highly respected by his colleagues around the world. Moreover, appearances notwithstanding, teaching and service are important considerations in tenure. In our Department, there have been no tenure decisions in which teaching and service were probably what tipped the scale (both positive and negative). In the face of Frank's achievements, the Department did not have an easy decision.

In the most recent national rankings, our Mathematics Department was tied for first place. Due to the new Massachusetts law, we will have hardly any re- examining over the next ten years. Budgets will even probably for some contraction of the MIT faculty over this time period. The true handful of people who give tenure to over the next ten years will of necessity be the bedrock of our standing for many years to come. Moreover, mathematics changes rapidly, but tenure is forever. These few new appointments have to be our principal way of keeping up with newly emerging fields.

In three times of late retirement, inflation, and tightening budgets, it is very hard to get tenure in mathematics at MIT, and I assume therefore in the Institute as well. MIT does not have like Berkeley a generous state legislature funding source, nor is it in the endowment of such private schools as Harvard, Yale, and Stanford. In his letter, Miller feels that the solution is for MIT to receive less money from the alumni; I myself would have reached the opposite conclusion.

Arthur Mattuck
Class of 1922 Professor
Head, Mathematics Department

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Arthur Mattuck
Class of 1922 Professor
Head, Mathematics Department
Opinion

Column/Simson L. Garfinkel

Humanities are too crowded

"People are getting sick of science and engineering. . . . I went to a French class. There are two sections — 50 people showed up just to one. They're going to try to make another three or four sections." — an anonymous undergraduate.

What has happened to enrollment in the Institute's humanities subjects? Instead of dwindling, humanities are now among the most popular and overcrowded subjects offered, even to the extent of desirable engineering subjects.

"I went to a writing class — the kind where we are supposed to read each other's papers — and fifty people showed up on the first day." — an engineering student.

We tend to think of departments such as humanities, political science and architecture as "service departments" — departments that exist in part, at least at the undergraduate level, to provide their subjects primarily to non-majors. In recent years the number of students taking advantage of these departments has greatly increased. Students are now taking more than the eight humanities subjects required for graduation. I am fearful that the quality of humanities at MIT is beginning to suffer as a result of the overcrowding caused by over-enrollment in popular subjects.

Last Thursday, I spoke with Ruth (Ikey) Spear, coordinator of the Humanities Undergraduate Office. She smiled at the thought of so many MIT students taking humanities subjects but admitted that they had been problems with overcrowding in some subjects.

A humanities major, in the office at the same time, was more vocal. "It's been getting worse every term, class by class," he said. "Something is going to have to be done about it — unfortunately, it is probably going to happen after I graduate."

What is it that is causing this overcrowding?

Two and a half years ago, I took Creative Photography (6.16). Seven students were in my section, and approximately 12 were in the other. This semester, over 100 students wanted to take the subject, yet fewer facilities and teaching resources are available now than were in 1983. If I had wanted to take 4.921 this semester, I might not have been able to. Similar conditions exist for almost all of the subjects offered in the visual arts.

Is MIT admitting a different kind of student, a broad-minded student interested in literature and philosophy in addition to technical subjects? A student who is concerned with literature and philosophy in addition to circuits and signals? Or is it simply that students have internalized the Institute's stated position on the importance of a well-rounded education: "MIT provides a substantial and varied program in the humanities, arts, and social sciences which forms an essential part of the education of every undergraduate," reads the 1983-84 MIT Bulletin. "Through this program, students can deepen their knowledge in a variety of cultural and disciplinary areas and can develop sensitivities and abilities vital to an effective and satisfying life as an individual, a professional, and a member of society."

As long as I have been at MIT, I have listened to advisors, deans and teachers tell students to take advantage of MIT's humanities programs. I have listened to the recent talk of educational reforms at MIT. I have watched the creation of the Dean for Undergraduate Education and understood that one of Margaret L. A. MacVicar's primary goals will be to see engineering students take more humanities subjects. The time has come for the Institute to support these goals with significant financial backing. If the Institute wants more students taking humanities subjects, then it must hire more teachers to provide more sections of these subjects. Popular subjects require more sections: students deserve to be able to take these subjects without crowding. We cannot accept signup sheets and limited enrollment as solutions to the problem of crowded subjects in art or literature. There is certainly no shortage outside of the Institute of people trained to teach these subjects; we must hire them.

Students, for the most part, believe that MIT's humanities subjects are top-flight. This belief has been, until now, generally justified. But this degree of confidence cannot be maintained in the years to come unless serious efforts are made now to reduce overcrowding. The only acceptable way to reduce overcrowding is to increase teaching capacity.

Sponsored by MIT-Japan Science and Technology Program
Japan Society of Boston
MIT Center for International Studies
McNair's promise cut short

(Continued from page 1)

one year after McNair enrolled at MIT as a physics graduate student. "The environment [at McNair's high school] was still very segregated," Williams explained. "You got your strength from your community. There was certainly a tremendous segregation between the haves and have-nots."

McNair graduated as valedictorian of his high school class and starred in basketball, baseball, and football. But his two loves were science and the saxophone.

"He was interested in science ever since he was a little boy," said physics professor Michael S. Feld '93, McNair's graduate thesis advisor. Professor Ali Javan, who also worked with McNair on his MIT thesis project, said McNair would sometimes play his saxophone in the laboratory, patientlywaiting for the results of experiments in the late hours of night. "He was an absolute virtuoso on his saxophone," Javan recalled.

McNair attended a presidential scholar and was awarded a scholar- ship to the University of North Carolina Agricultural and Technical State University. After trying a music major, McNair decided to develop his talents in the natural sciences.

McNair learned karate during his undergraduate years and eventually became a fourth-degree black belt. "His karate required a lot of discipline," Feld explained. "There was a project to increase the number of black students in the physics department. McNair visited other schools in an attempt to encourage promising students to come to MIT."

McNair became involved in laser spectroscopy and began work on his thesis project supervised by Feld, who became close friend. McNair studied the storage of laser energy in molecular vibrations, and he soon became an expert in molecular laser physics.

"He did some of the earliest experiments in the field," said Professor Ali Javan, who also developed a close friendship with McNair. "His work was very original." McNair married Cheryl Moore in St. Paul's AME church, and received his doctorate in 1976.

The couple moved to Los Angeles when Ron became an associate professor of the physics department at the University of California, Los Angeles, about the possibility of working in the aerospace and defense industries.

McNair married Cheryl Moore in St. Paul's AME church, and received his doctorate in 1976. He worked at the California Institute of Technology in 1977, and then began working at the Jet Propulsion Laboratory in 1978.

In 1978, Ron McNair was accepted to the National Aeronautics and Space Administration's (NASA) mission specialist program for scientists interested in becoming astronauts.

Even during his NASA training, McNair often went back to MIT to visit his friends. "Sometimes he would just show up unannounced," Turner said. "He just loved MIT."

"He would fly all over the country," Turner continued. "He'd be in San Franscisco for lunch, drop by in Boston for dinner, and then go back to Houston at night."

On Feb. 3, 1984, McNair made his debut in space as a mission specialist on board Challenger flight 41B. He taught a mechanical arm which aided in the testing of satellites during the mission. He became the second black American in space.

He returned to Earth on April 15, 1984 to speak to the MIT community, and he encouraged students to join the NASA mission specialist program. "His lecture was part of a special celebration honoring his first space shuttle flight," Turner said.

"Even after becoming well-known, when he would speak with students here, he would always squeeze it in," Turner emphasized. "He was an excellent speaker. He was always encouraging young people to go into science and engineering."

Less than two months ago, McNair spoke with David Waugh, dean of the Engineering School at the University of South Carolina, about the possibility of joining the faculty there. McNair told Waugh that "blacks don't grow up and prosper and move away. They go away and prosper and come back."

But Ron McNair never got a chance to come back. He perished aboard the space shuttle Challenger on Jan. 28, along with six other astronauts

MIT reacts to McNair's loss

"He was just starting his career," Feld said. "He was going to do something of national significance. This was just the beginning for him."

"Many people outside the black community don't realize how big a loss his death is," Turner said. "Speaking from a black perspective, we have to fight myths about black intelligence, black credibility. He was one of those people who knocked down so many of those myths. He became a hero to the black community."

"But his dying is not in vain," Turner continued. "His will be a beacon of light for minorities. Maybe will bring millions with him to MIT."

"But for me, he will always live," Javan said.


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AMERICAN VOCALARTS QUINTET

Valentine Day’s concert
The American VocalArts Quintet will present a Valentine Day’s program entitled “Wine, Women and Song,” including works composed by women and about women and romantic love. Longy School of Music, February 14 at 8pm. MIT price: $3.

BOSTON PREMIERE ENSEMBLE

Candlelight Salute to the Sun King
The Boston Premiere Ensemble, F. John Adams, conductor, will give their third annual candlelight concert, featuring soliasts selected from a competition in January. The program includes works by Lully, François Couperin, Delalande and Charpentier. Church of the Advent, Boston, February 22 at 8pm. MIT price: $5.

SINFONIOVA

World Premiere in Boston
Sinfoniova will give the World Premiere of Delalian’s Topophonic Concerto and perform Haydn’s Piano Concerto in D with Aroutian Papaziyan as soloist for both. Tchaikovsky’s Serenade for String Orchestra completes the program.

Jordan Hall, February 28 at 8pm. MIT price: $6.

Vivaldi’s Four Seasons
In our recent “The Year in Review,” The Tech named Sinfoniova’s October 16 all-Mozart concert “Chamber Concert of the Year.” Conductor Aram Gharabekian is one of the region’s most sensitive interpreters of music, and has proved he has something fresh to say about even the most familiar of works. Sinfoniova’s performance of Vivaldi’s Four Seasons with Stephanie Chase, solo violin, is therefore likely to be a very exciting event. Also on offer in this Gala Concert will be the World Premiere of McKinley’s Sinfonia Nova and Tippett’s Fantasia Concertante on a theme of Corelli.

Jordan Hall, March 15 at 8pm. MIT price: $7.

Tickets will be sold by the Technology Community Association W20-450 in the Student Center. As opening hours are currently a bit sporadic, please call before you come. If nobody is in, please leave your order and your phone number on the TCA answering machine at 253-4885. You will be called back as soon as possible.

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

Get Out on the Town with The Tech Performing Arts Series...!
**ARTS**

**Idyllic essay in Sorrowfully-sweet oxymoron**

By Don Reid

The Campus, directed by Joel Cohen, performed Madrigats Anonymous, "A bouquet of Love Songs," Jordan Hall, February 8. 

Visit by night your lady's chamber window 
With some sweet consort; 
To their instruments 
Tune a swelling dump — the night's dead silence

Will well become such such sweet-complaining grievance;
This, or nothing else, will inherit her

The Two Gentlemen of Verona
William Shakespeare

Which of the two powers, Love or Music can elevate man to the sublimest heights? It is a great problem, and yet it seems to me that this is the answer: "Love can give no idea of music; music can give an idea of love." Why separate them? They are the two wings of the soul.

— Hector Berlioz, Memoirs (1865)

**Hockney denounces tunnel vision**

David Hockney, speaking at the Carpenter Center for the Visual Arts, Harvard University (Quincy Street, Feb. 8; exhibition of some of his recent prints, through Mar. 2).

Serious air-conditioning problems surfaced in Le Corbusier's reputed Carpenter Center last Thursday, as an overflow crowd congregated to listen to David Hockney. The congestion was clear testimony to the star status of Hockney, the photographer, painter, and printmaker who is English by extraction but now fittingly a Hollywood resident. He disappointed few people on this occasion: the subject of his talk was not exactly novel but his expository presentation made up for that.

The tone at hand was linear perspective. Ever since the Renaissance, this has been considered the "preferred" way of looking at things, one which corresponded most closely to "reality." Photography has become its major exponent; photos are supposed to show what things "really" look like. Hockney stated that, while he was still mainly a photographer, he perceived this attitude as narrow-minded.

Shakespeare well knew the power of oxymoron to add extra interpretive power to his verse; it is one of his most piquant uses of the structure in reference to music.

Last weekend Joel Cohen's Boston Camerata performed a program of Renaissance madrigals on the theme of love. Some wore of a happy vein, but the more poignant pieces set startlingly beautiful music to words of lament. Sing idyllingly by the Camerata, such "sweet-complaining grievance" amply succeeded in "seizing" the hearts of the attentive audience.

The Camerata's singing is like velvet, and this quality of transparency sharpens its emotionally penetrating power. Instrumental-phase presentations are tellingly balanced with singing, illuminating and embroidering the measure of the song.

The concert began with Salamone Rossi Eleno's "Cioe il mio core opendo," in which the purity of harmonry and perfection of ensemble-work became especially apparent. The inspired free-flowing viola da gamba playing of Laura Jeppesen was particularly well highlighted here.

One of the more attractive aspects of Camerata concerts was the intermingling and informative commentaries of Joel Cohen. Following the Zephyrus madrigal, Cohen explained that madrigals are far more complex than "popably and Shakespearean" doing "Pakala la la la la la" and doing other things as well, and proceeded to prove his point with a suit of beautiful Lachrimae. Monteverdi's Dido's Lachrimae also sported a relaxed quality underlined by Richard Chamberlain's accomplished oboe playing. After the meditative War ashes will by Jacob Regan, Cohen movingly played Dowland's Lachrimae on lute.

John Ward's "Oeit from the Vale" ended this section. It was a piece of honeyed melancholy, translated into rapture by the byzantine weaving and combining of Camerata's sympathetic voices.

"Dying," Cohen said, was a Renaissance metaphor for the height of love. His explanation helped make sense of the section called "Singing and Dying." First victim a man by Andrea Gabrieli was brought off with great depth. Ercolani's rhapsody by Monteverdi was done suggestively with a lively sense of humor.

The second half of the concert was really inspired, proving beyond doubt that as Shelley's poet lovers declare: "We — are we not formed, as notes of music arc.

For another, though disappointing?"

— Jonathan Richmond

Michael Ben
Report proposes new course

"There has to be somebody, probably Dean [of Undergradu-
ate Education Margaret L. A.] MacVicar, with primary respon-
sibility for monitoring the cur-
riculum situation and minimizing overlaps," said committeemember
Merritt Roe Smith, professor of
science, technology, and society.

The committee insisted that this
supervisor receive a budget ade-
grate for providing released time or summer salaries so that
faculty members, particularly junior professors, could afford to
invest time in developing new courses.

Several details which must still
be worked out within the pro-
posal include accurately defining
teaching loads, with particular
concern for subjects which are
taught by more than one profes-
sor, and ensuring accuracy in the
unit designations given to subjects
in all disciplines, the report stated.

The committee recommended
more discussion on subtle atti-
udes that might undermine the
success of any new system. In
particular, the report criticized
the tacit ranking of "hard,"
career-oriented fields of learning over "soft," which is useful for
studies. "Invidious distinctions of
that sort undermine the willing-
ness of students to invest serious
effort in HASS subjects," the re-
port stated.

"Changing these attitudes will
be evolutionary rather than revo-
lutionary," Lippard concluded.

The MIT policy on sexually ex-
plicit films "is a commitment the
participants said. "She has to fulfill her
obligations to both groups, it will be submitted
at a joint meeting to be held in the next
layed to the executive committees
said.

innovative program of this sort if
astronomy," said committee

"Local research." said committee

Barbara M. Fienman, campus

"A program like this is going
to work and permit the diversion from their
local researchs suggested.

Maier suggested that the facul-
ty would probably be open to an
innovative program of this sort if
some form of central administra-
tive control was emphasized in
the new system.

Pornography

would probably be open to an
innovative program of this sort if
some form of central administra-
tive control was emphasized in
the new system.

A Multi-media show

A Dame's Personal Journey through the American Underclass

TUESDAY
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Roger Claypoole
Aristos Dimitriou
David Gebala
James Kosloski
Aaron McPherson
Jeffrey Myers

Kenney Ng
Douglas O’Roark
Richard Osgood
Joseph Pellegrini
Thomas Powers
Robert Pryor
Kenneth Streeter
Brian Trawinski

Tech's Books for Techies!

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The_at Business
Commerciatly Uses of Artificial
Intelligence
Edited by Patrick H. Winston and Karen A.

"The superior companies of 1990 will be leaders
in the effective use of computers. Catalyzing
this leadership in computerization will be the
success of students to invest serious
effort in HASS subjects," the re-
port stated.

"Changing these attitudes will
be evolutionary rather than revo-
lutionary," Lippard concluded.
Forum examines the morality of SDI

(Continued from page 1)

anance of SDI, he added. MAD is the theory that any nu-
clear war would be so destructive that neither country could win.
The fear that the Soviet Union may be reconstituting an antinuclear
system of its own is one factor among others that prompted the
proponents of SDI, according to Pipes. The project should have
been called "Strategic Defense Response," he added.

Premises of nuclear arguments

Discussions about nuclear weapons can be divided into
classes that presume that nuclear war is fundamentally different
from all other conflict and those which do not. Hehir asserted.
The Western tradition of views on war derives from two think-
ers, he said: Clausewitz, who called war "the extension of poli-
tics by other means," a rational action as a last resort to achieve
political goals; and St. Augustine, who said war can be moral-
defensible if the use of force is limited.

Some present-day strategists, such as Reagan and Henry Kiss-
ginger, try to "stretch classical categories ... over the new real-
ity," Hehir said. They believe nu-
clear war can be a rational ac-
tion, and a limited nuclear war


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Outside Looking In

By V. Michael Bove

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Track runs over Polar Bears

(Continued from page 10)

son '89 of a victory. He managed to finish second, however, and Himan hung tough to place third.

The Engineer's 3000-meter squad was the strongest that MIT has ever fielded, and its sweep ensured the MIT victory. Sean Kelley '89, although trailing the pack for part of the race, outdistanced runner Bill Mattel '86 to win. Taran Erdogan '87, who led during the early part of the race, also broke the nine minute barrier, finishing third.

MIT had little difficulty in taking both relays. Although the 4x400-meter relay of Donohue, Boney, Parrott and Lin fell behind early, Boney had a strong leg in turning a 10-meter deficit into a four meter lead, and the Engineers never looked back in winning by 5 meters. The 4x800-meter relay of Dighe, Son, Parrott and Lin raced uncontested to set a freshman record with 8:21.61.

Head coach Gordon Kelly was pleased with the team's run on the occasion. Initially, Kelly didn't give the Engineers a high chance for victory due to several key injuries. MIT closes out its indoor dual-meet season Friday at home with a tri-meet against Division II Bentley and Division III University of Massachusetts-Boston before traveling to Bates on Feb. 21-22 for the New England Division III Championships.

(Editor's note: Kris is manager of the track team.)

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When and Where?

Thursday, February 13th and Friday, February 14th at the Ashdown House. 

What else?

Sign-ups will commence Thursday, January 23rd

The future is working at General Electric

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Basketball defeats Emerson

(Continued from page 16)

kept their offense away from the booming Mithura. The Lions kept the margin at six for five minutes. MIT made two consecutive shots to open up the lead to ten. The Lions called a timeout following an inside shot by McElroy. McElroy, however, continued to feed on the Lions with two consecutive three-point plays. He was six of six from the foul line on the night, extending his free throw shooting streak to 57 of 59.

No basketball game is complete without a slam dunk. MIT’s jam man was McElroy off a Mithura-block-inspired fast break. It was off to the races and MIT led, 65-49.

Mithura got one more block for good luck, McElroy completed a 32-point game, tying his career best. Casagrande played beyond his years, and Nelson contributed. All in all, the four Engineers contributed to the win. Balance and teamwork is especially noticeable in that 22 out of 37 Tech baskets were off assists.

Saturday’s win ends a four game losing streak for the Engineers. They take their 6-14 record into the meet against Worcester Polytechnic Feb. 15.

Yarns overcome Lowell

By Mark S. Abrahams and Carl Weiner

The undefeated men’s gymnastics team continued its winning streak last Saturday with a 199.45 to 191.85 victory against visiting Lowell University. This is the first time in twelve years that MIT (7-0) has beaten Lowell in gymnastics.

The MIT gymnasts took an early 3.5 point lead over Lowell after floor exercises due to excellent performances by Alan Nish ‘89, Jeff Mann ‘86, and team co-captain Brian Hirano ‘87. A flawless double-back somersault on the floor helped Hirano receive the highest score of the meet for that event.

The Lowell team tumbled back with their offense away from the bar. Mithura overcame the second half of the meet, gaining points during vaulting, parallel bars, and high bar. Hirano once again thrilled the audience in DuPont with his piked Tsukahara vault, executing a half-turn a one-step landing on the mats.

The MIT gymnasts posted their highest gain from the high bar due to daring routines by Lowell’s Ralph Divito and a one-step landing on his hands to a one-two landing on the mats.

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Women gymnasts upset

By Madeleine Biber

The MIT women’s gymnastics team placed third in a tournament Saturday with Salem State and Albany State, at Salem. MIT went into the meet with a record of 5-1.

The MIT women’s gymnastics team had one more meet at Amherst before the New England Championships on March 2.

Evie Vance ’86 had a clean bar routine for a 6.8 while her floor routine earned her a 7.0. Hillary Thompson ’87 performed a graceful floor routine for a 7.3. Grace Tan ’86 did well on bars, and "hit" all her moves. Paula Aquil ’89 performed nicely on floor as well as vault.

The team's next competition will be at home on Saturday, Feb. 15. It will start at 2 pm in the DuPont gymnasium.

(Editors note: Biber is co-captain of the women’s gymnastics team.)

Join us for an afternoon jog

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Mihura leads b-ball victory

By Alison C. Morgan

The MIT men's basketball team embarrassed Emerson College 87-61 Saturday afternoon at the BostonTraveler Games at New Hampshire in New England College Volleyball League (NEVCL) games Saturday at Bowdoin. The MIT indoor track team captured the triple jump. The pole vaulters have not won yet this season, and this time Nelson '86 then diverted the defending engineers. The MIT men's volleyball team defeated MIT 1000-point scorer Mike McElroy '87 turned on his game while Mihura was being the Big Men. McElroy converted twice off deft passes from his Tech teammates to make the score 16-15. Emerson's fear of a Mihura block was evident. The Lion's Ryan Thomas had the first of three walks off a shot hesitation. Coach Fran O'Brien noted that "Mihura was a big factor" and that "Emerson didn't shoot that well."

Bruce Mihura '87 attempting a basket during Saturday's game against Emerson College. MIT won the game, 87-61.

Volleyball takes WIT, UNH

By Mike Ressler

The men's volleyball team journeyed across the Charles River to defeat the Wentworth Institute of Technology (WIT) and the University of New Hampshire (UNH) in two New England Collegiate Volleyball League (NEVCL) games Saturday at Wentworth. MIT defeated WIT, 15-1, 11-15, 15-7, 15-4 in the opening match and swept UNH 15-9, 15-7, 15-10 in the second game.

MIT's middle attack was dominated throughout the afternoon as middle hitters Paul Stupich '87 and Eric Daly '89 powered the team in both victories. Stupich played a key role in games one and four against WIT, blocking out opposing hitters and scoring on decisive kills of his own. A jump serve by Young Too Ha G, who totaled 20 service aces for the day, was especially effective in the fourth game in which he tallied seven aces.

MIT lost its only game of the day against WIT, 11-15, when the Engineers' reserve players could not hold off Wentworth. The stellar play of Daly and Ha shut down UNH in the first game of that match. Between Ha's serving and Daly's hitting, UNH could not get off the ground. MIT took the first game, 15-0, without having the team rotate completely around. UNH regrouped and played better ball in games two and three, but MIT proved to be too powerful and took the match. The Engineers challenge the Harvard Crimson tonight at 8 pm in MIT's home opener in Rockwell Cage. The 1986 season is MIT's first as an NCAA team, and tonight's game represents MIT's first meeting with Harvard as an NCAA team.

(Reporter's note: Mike Ressler '89 is a member of the men's varsity volleyball team.)

Men's track exults in win over Polar Bears

By Christopher Y. Kim

The men's indoor track team raised its season record to 7-4 with a rewarding 86-50 victory over the Bowdoin Polar Bears Saturday at the Athletic Center. Scott Deering '87 led the way with a first place finish in the 880. He was edged out by 1/2 in the last round to finish second in the 15-pound weight throw. Mike O'Leary '89 finished third in both with a 43 11/16 foot effort. Deering had his revenge shortly thereafter when he defeated the bowdoin shot put. Joe Peters '88 lost in the final round of the long jump, coming in second with Sean Schubert '89 managing to take third in the triple jump. MIT fared better in the remaining field events, as Glenn Hopkins '87 easily took the high jump. The pole vaulters have not lost yet this season, and this time it was Bob White '87 who was victorious. Timm macro Scott Baird '87 came in third. The Polar Bears took the first two running events, as injuries sidelined the Engineers' top runners Gordon Holtermann '87 and Sean Garrett '88. The other MIT runners were more than made up for the loss. In the 1500-metres run, Rod Simmons '88 had a very strong race but was overtaken in the last lap and had to settle for second, followed by Anton Brumber '89 in third. The 25-meter hurdles produced

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4. Laugh at his jokes, even when he forgets the punch lines.

5. Avoid, at all costs, letting him see you reapply your lipstick.

6. Order something more exotic than a white wine spritzer.

7. Compliment him on his taste in colors, even if he arrives in jeans and a T-shirt.

8. Tell him you'd ask him up for a Suisse Mocha, but you only do that on second dates.

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Rick Campione G performs on the rings during Saturday's gymnastics meet vs. Lowell. MIT defeated Lowell for the first time in 12 years. See story page 15.