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Tuesday, November 18, 1980

Physics department raises building hopes

By Steven Solnick

A statement by Physics Department Chairman Professor Herman Feshbach that "the Institute is committed to the construction of [a] new building for physics" may have raised some premature hopes among members of the Physics Department.

Feshbach's announcement was contained in an October 24 newsletter to Physics faculty and staff and reprinted in a newsletter for the entire community dated last Friday.

Provost Francis Low said yesterday that the Institute was committed only to trying to raise funds for the new facility.

According to Feshbach's statement, the MIT Planning Office presented a proposal to consolidate the facilities of the Physics Department, currently spread across the campus. The "essential ingredient" of this proposal would be a new Physics Building on the present site of Building 12. The new building would house "a substantial fraction of the department, including the Department Headquarters." Feshbach stated that the strategy for raising funds for the building would be established by the Resource Development Office "in the course of the next few months."

Low acknowledged that the wording of Feshbach's statement may have been misleading. According to Low, the matter was considered by the Committee on Resources for the Institute (CRI), the Institute's chief fundraising policy body.

"The CRI agreed the Physics Building was a high priority and we will go out and try to raise funds for it. We are going to try for it: that is what we are committed to," said Low. He explained a fundraising drive would probably take "a few years" before there could be any final decision on the project.

He added, "We cannot commit money we don't have. Also, the site is certainly not committed. Even if we get the money, circumstances might change and we may choose another site. It [Building 12] is a likely site, though."

Feshbach commented yesterday that "There's no problem" with misinterpretation of his statement. "If they don't raise the money, they won't be able to build anything, will they?" he said.

When asked what impact a new construction fundraising drive would have on efforts to pay off the debt on 500 Memorial Drive—now about \$9 million—Low replied, "It is hoped that these different funds would come from roughly independent sources. Of course there is a certain conservation law of the time and effort of people raising the funds."

Low commented that a new building for Physics would also open up space elsewhere which other departments would be able to use.

MIT unprepared for 'T' crisis



photo by Jim Jackson

By Kenneth Snow

Although there was a possibility that the MBTA would shut down this morning, MIT had no plans for such an event.

According to William Dickson, Director of Physical Plant, MIT had no plans in case the MBTA did stop running and such a closing would have been "a real problem."

The possibility of the MBTA closing was the result of a \$41 million dollar budget deficiency. The present budget ran out of money at 2:00 am this morning. The additional funds were supplied yesterday afternoon after an emergency session of the State Legislature.

Walter Milne, Special Assistant

E.C. dining options to be studied

By Frank Hrach

The Dining Advisory Board (DAB) has authorized a staff group to begin a study of future student dining on the east side of campus, according to Gene Brammer, the director of Housing and Food Services.

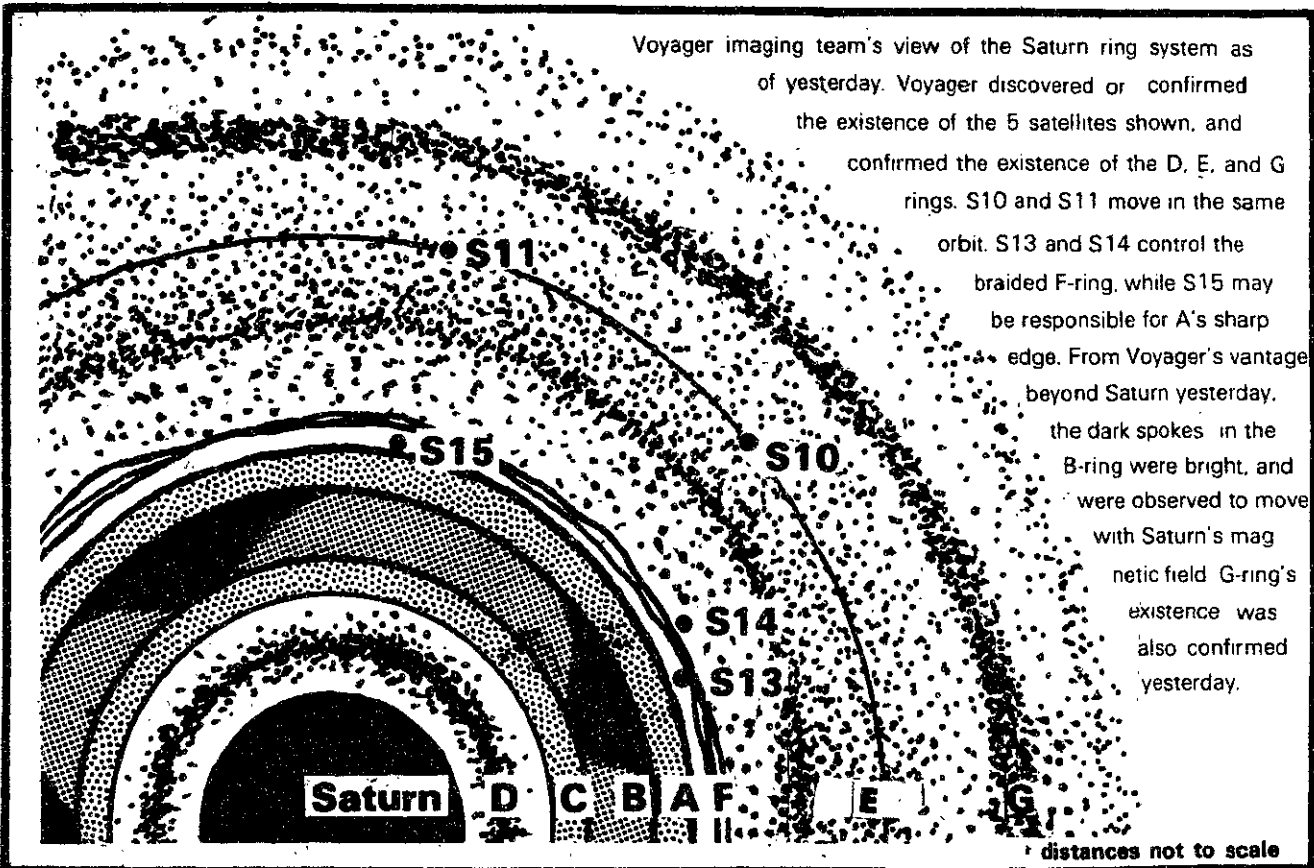
The group's recommendations will be made during the spring term. Some of the options that are being considered are a new dining hall exclusively for East Campus and Senior House students who eat commons, or renovating Walker Memorial so that commons meals can be served separate from a la carte. "The problem is that we try to serve the com-

mons students in the same facility with a la carte," said Brammer. He estimated that during dinner 10 percent of the people at Walker eat a la carte rather than commons, and during lunch the percentage is even higher.

Brammer added, "Our goal is to find a means to serve the students in their own unique space. Then we can begin to provide things like a salad bar and [a social] program."

Adrian Houtsma, the housemaster of East Campus, expressed concern with the speed at which improvements are being made. "The problem is that as the situation is being studied and ...

(Please turn to page 6)



Voyager imaging team's view of the Saturn ring system as of yesterday. Voyager discovered or confirmed the existence of the 5 satellites shown, and confirmed the existence of the D, E, and G rings. S10 and S11 move in the same orbit. S13 and S14 control the braided F-ring, while S15 may be responsible for A's sharp edge. From Voyager's vantage beyond Saturn yesterday, the dark spokes in the B-ring were bright, and were observed to move with Saturn's magnetic field. G-ring's existence was also confirmed yesterday.

distances not to scale

Graphic by Linda Schaffir

CSR analyzing Voyager I data

Titan core smaller than Ganymede; five moons discovered

By Jack Link

As Voyager I continues to observe Saturn from the planet's far side, scientists at MIT's Center for Space Research (CSR) are beginning to analyze some of the data it has already beamed back.

CSR Director Professor Herb Bridge is Principal Investigator for the Plasma Science experiment (PLS), one of the nine experiments aboard Voyager I. The experiment was built at CSR's Space Instruments Lab.

"We've discovered that Titan acts like a big smokestack, spewing out a wake of low energy particles," said Fran Bagenal, a member of Bridge's team.

The atmosphere of Titan, Saturn's planet-size satellite, has

proven to be one of the most intriguing objects of Voyager's study. Last night it was learned that Titan's core is smaller than Jupiter's satellite Ganymede. As of yesterday morning, Titan was considered the largest satellite in the Solar System. It still is largest, if the thickness of its opaque, dense, nitrogen atmosphere is considered.

"Titan's surface may consist of water/ice with concentrated ammonia/water puddles," said MIT Planetary Science Professor John Lewis before the arrival of last night's data from Saturn. "If that proves to be the case, we definitely would have complex organic molecules raining down on Titan. That would require temperatures of above 173°K," said Lewis.

Last night's preliminary data is making that possibility less likely, according to Torrence Johnson, a member of the Voyager imaging team at the Jet Propulsion Lab in Pasadena (JPL). "It looks like the surface temperature may turn out to be below 90°K, at 87°K," he said.

"Then we would have the rather dismal picture of Titan covered with an ocean of liquid nitrogen," said Lewis. "The possibility of complex organic molecules would be low."

"One thing we have already learned from Voyager is that there is almost no chance terrestrial life could survive on Titan. Even if it were warm enough for ammonia puddles, the ammonia concentration would be 100 times stronger than necessary to kill even the most resistant Earth organism."

That wouldn't preclude the development of other forms of life, but "it would mean we

wouldn't have to worry about the expense of sterilizing other probes to Titan," according to Lewis.

Voyager has also discovered or confirmed the existence of five new satellites, bringing Saturn's total to 15. Two of the moons travel in the same orbit. Scientists are unsure why the two moons don't collide.

Today, Voyager is making a movie of Saturn's rotation from behind. "The bright and dark features in the rings have reversed themselves as in a photographic negative. The dark spokes are now bright, as well as the thin braided F-ring," said JPL spokesman Allen Wood. "The spokes are definitely related to Saturn's magnetic field."

Bridge's group is studying the interaction between Saturn's magnetic field and the solar wind. "It may be the flux of ions spewing from Titan that keeps the F-ring braided," said Bagenal.

"I think the F-ring is the most astounding surprise Voyager has revealed so far," said Johnson.

Voyager II will arrive at Saturn next year, and is presently on a trajectory that will later take it on to Uranus and Neptune. "The final decision of where to send Voyager II will be made December 24, but right now it looks like it's going to be Uranus for sure," said Wood. Voyager II lost one of its radio receivers shortly after launch, and its backup has developed a problem. Despite the receiver problems, "both probes have functioned so well there is no reason to believe we won't be visiting Neptune in 1989," said Wood.

However, NASA has not yet received funding for the Uranus program.

inside

The fate of the old Infirmary building, calendar changes, and Koshier Kitchen overcrowding were among the topics reported at last Thursday's UA Committee "Feedback '80." — page 2

Octathons and Pentathons can be found on page 8.

Some flaky weather predictions — page 2

Amazingly contemporary playwright Harold Pinter's newest production — page 5

news roundup

Committees report their work

By Sarah Bingman

Will the Infirmary be converted into MIT's first sorority next fall? This was one of the issues brought up at Reportback, a forum held Thursday evening for undergraduates on Institute committees to report on their accomplishments and answer questions from the undergraduate student body.

The Infirmary issue was brought up by Suzanne von Rosenberg '83 of the new Advisory Committee for Women's Interests. "Several national sororities approach Bob Holden [Associate Dean for Student Affairs] every year," she said. The committee is now trying to determine if there is sufficient interest among MIT women to warrant any action, since women will have first priority for the West Campus Infirmary building when it is vacated next year.

The committee is especially concerned with the plight of single-sex housing, since 40 out of 100 interested freshmen women were turned away from McCormick last September, and the number of women students at MIT is increasing.

Robert Willis '82 of the Committee on Educational Policy (CEP) spoke on the proposed changing of the 1981-82 academic calendar to accommodate the late Labor Day holiday and finals week next fall. The committee will submit a calendar in February for faculty approval.

Also on the agenda of the CEP is a discussion of unit changes and standardization between departments as well as in individual courses. The committee seeks student input.

Along the same lines, Al Drake, Professor of Electrical Engineering and Computer Science, spoke for the Committee on Curricula (COC). The COC is studying students' perceptions and fulfillment of Institute requirements. "There is a difference between the theory and practice of science and lab requirements," Drake commented.

The COC is concerned over the addition of an excessive number of courses to MIT's catalog, which Drake said could make it the "death of all forests." He added, "Students tend to narrow in [on their majors] much more quickly than we expected." This could cause many Institute requirements to be needless, he said. Speaking to students, Drake

emphasized, "Don't be reluctant to get in touch with committee members about petitions."

The need for Freshman Evaluations is being studied by the Committee on Student Affairs (CSA). The committee is also interested in the success of working freshmen into MIT residential and academic life during Residence/Orientation Week. "How to slow things down" at MIT is a part of current CSA discussion.

Rabbi Shevitz has approached CSA over the plight of the Kasher Kitchen (in the basement of Walker Memorial) if that building is turned into a graduate student center or if the number of

participants continues to increase. CSA is considering the possibility of Institute housing in Kendall Square, as well as a new two-year maximum stay in graduate dorms.

The Commencement Committee announced that it has sent a proposal to President Paul Gray that would reinstitute the practice of having an outside speaker at commencement.

The Commencement Committee is also pursuing the problem of graduation facilities, such as rain commencement sites. A discovery of preservation problems with MIT's old diplomas has led the committee to consider diploma material changes.

World

"Pakistani connection" crippled — Pakistan's production of opium poppies refined into heroin has dropped from 800 metric tons in 1978 to 100 tons in 1980, according to reports from US and United Nations drug officials. Pakistani heroin, which is five times as potent as common Mexican heroin, is expected to remain available for months before current stocks are exhausted. The slash in poppy production follows intense efforts to eliminate the crop by Pakistan's government.

Nation

Brush fires rout thousands — Brush fires, encouraged by dry conditions and 50mph winds, roared this weekend across more than 30,000 acres of land in Southern California, near Los Angeles. Four of the five fires were reported out-of-control as of Monday morning. Structural damage in the burned areas is estimated at \$25 million. One fire approached the area of Pacific Palisades, President-elect Ronald Reagan's home, before "all-out efforts" contained the fire.

Consulting group barred from Stanford — A national management consulting firm, the Boston Consulting Group, has been barred from using the Stanford Business School's on-campus facilities to recruit MBA students. The sanctions, described as "a serious penalty and highly unusual" by company officials, were imposed after the company went ahead with fall plans to interview first-year students, violating Stanford's recruiting guidelines. The school's new policy prohibits interviews with first-year students before February.

By Jay Glass

Weather

A developing winter storm will move up the coast today. Boston can expect heavy precipitation, probably in the form of snow. Snow that began overnight will continue today with winds out of the east this morning backing to northwest by tonight. There may be a period of changeover to rain during the day. If so, accumulations will be held to about 3 inches, but if the changeover does not occur, 4-6 inches is likely. Highs today in the low to middle 30's. Clearing and cold tonight with strong winds, lows in the mid to upper 20's. Continued cold tomorrow with sunny skies but moderate breezes. Highs in the 30's, lows in the 20's.

By James Franklin

classified advertising

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Voyager One and spectacular science

Last Wednesday, scores of MIT students huddled around MITV monitors to watch Voyager 1 encounter Saturn. Saturn made the front page of every major newspaper and was featured nightly on the evening news for the better part of a week.

Public interest in science was rekindled by the flyby of the one-ton automated space laboratory. The populace probably regarded the discovery of extra Saturnian moons, spokes in the planet's rings, and an elaborate substructure within the rings with a certain detached puzzlement. Although the science may have been esoteric, many people found in the Voyager publicity an opportunity to give some thought to the mysteries left in nature — problems scientists can attempt to solve without fearing disruption of the environment or ethical dilemmas.

We can be thankful for opportunities like Voyager to put aside thoughts of politics and inflation and focus instead on man's place in the universe and on the place of science as a fantastic intellectual endeavor.

However, behind the surface wave of enthusiasm, there must be a subtle undercurrent of concern. Science spectaculars like Voyager are wonderful ways to get people thinking about science. They may also be discriminatory against less spectacular but equally or more valuable research.

There is more to consider when one is evaluating the merit of a scientific proposal than its public relations value. In an age when politics, education and culture are more and more frequently tailored to and packaged for the mass media, we must fear for the time when our science is also so oriented. If national scientific priorities come to be dictated solely by the marketability of dazzling pictures or by sheer industrial appeal, the national scientific community will not remain vital for long.

Science spectaculars and sexy pictures are important to capture and maintain the interest of the general public. But they must be the desserts, and not the staples, of science.

When Voyager attracts large awestruck crowds at a setting like MIT, where the audience is supposedly accustomed to the mysteries of natural phenomena, we can hardly expect a less informed populace to maintain its perspective. We can only hope that researchers, while they issue their justified oohs and aahs at the splendor of Saturn, continue to support and perform science that is valuable and not just pretty.



Stephanie Pollack

Liberal costs and benefits

On November 4, I became an endangered species. I am a liberal — and I now see my future being threatened by both the right and the left. The threat liberals present to their own future well-being may prove far more serious than the short-term danger posed by the Reagan landslide.

The election results are a clear indication that the American people are more concerned with the state of the economy than that of the environment, the poor, or other traditional liberal policy issues. Liberals who glibly predict that their rich benefactors will return to the fold from their premature journey into funding the arts and humanities are fooling themselves. Even if the backlash against the Moral Majority and the National Conservative Political Action Committee succeeds in killing those groups forever, the conservative trend will remain.

Some conservatives see the election strengthening the future of liberalism. The best and brightest of our generation, so the reasoning goes, will respond to the Republican landslide by flocking to Washington to save the world. Even William Safire recommended last week that young people planning a career in politics become liberals. This will probably be the only time in my life I fervently hope that people take William Safire's advice.

Even if these eager young liberals do take up the challenge and head for Washington, it is doubtful that they will find any traditional liberals left to join. Already, Senators Gary Hart, Paul Tsongas and other members of the Upper House's shrinking liberal delegation are talking of a "new liberalism." The shape this new philosophy will take, and how it will be related to what must now be called the "old liberalism," are not yet clear.

As far as I can tell, this new liberalism will be based in great part on the curse of many current Democratic bureaucrats: cost/benefit analysis. The strategy seems to be that the Republican budget-cutting hordes can be kept from the social programs by using cost/benefit to justify these programs' existence.

Most liberals would be happy to be able to numerically prove that their pet programs work; few believe it can be done. It is no small task to quantify the economic benefits of cleaner air or quantitatively estimate the social value of breaking the poverty cycle. Cost/benefit analysis is a rationalization which liberals will probably not be able to hide behind for very long. The question remains, what will they do when that strategy fails?

Chances are they will be forced to turn to the right. Conservative

groups are already threatening liberals, calling for them to toe the line or else. The consequences of "or else" are, of course, illustrated by the election defeats of Frank Church, George McGovern, Birch Bayh, et al. The political instinct to save one's skin will give the new liberals much to think about.

Compromise almost inevitably leads to further erosion. Political programs may be amenable to compromise; political values are not. If there is a lesson for liberals to learn from this conservative victory, it is tenacity. Truly believing in the value and necessity of social equity requires supporting that philosophy through good times and bad. Liberals inching to the right to salvage some of their programs may end up dropping over the cliff and losing everything.

This is not to say there are no conservative programs liberals can support. Government waste is not justifiable in any political philosophy. Some programs, such as job training efforts, may have quantifiable outcomes. But in general, liberals may have to get used to the idea of being on the losing side of Congressional votes. This, however, is a far better fate than being on the winning side of a vote — but the losing side of a conscience.

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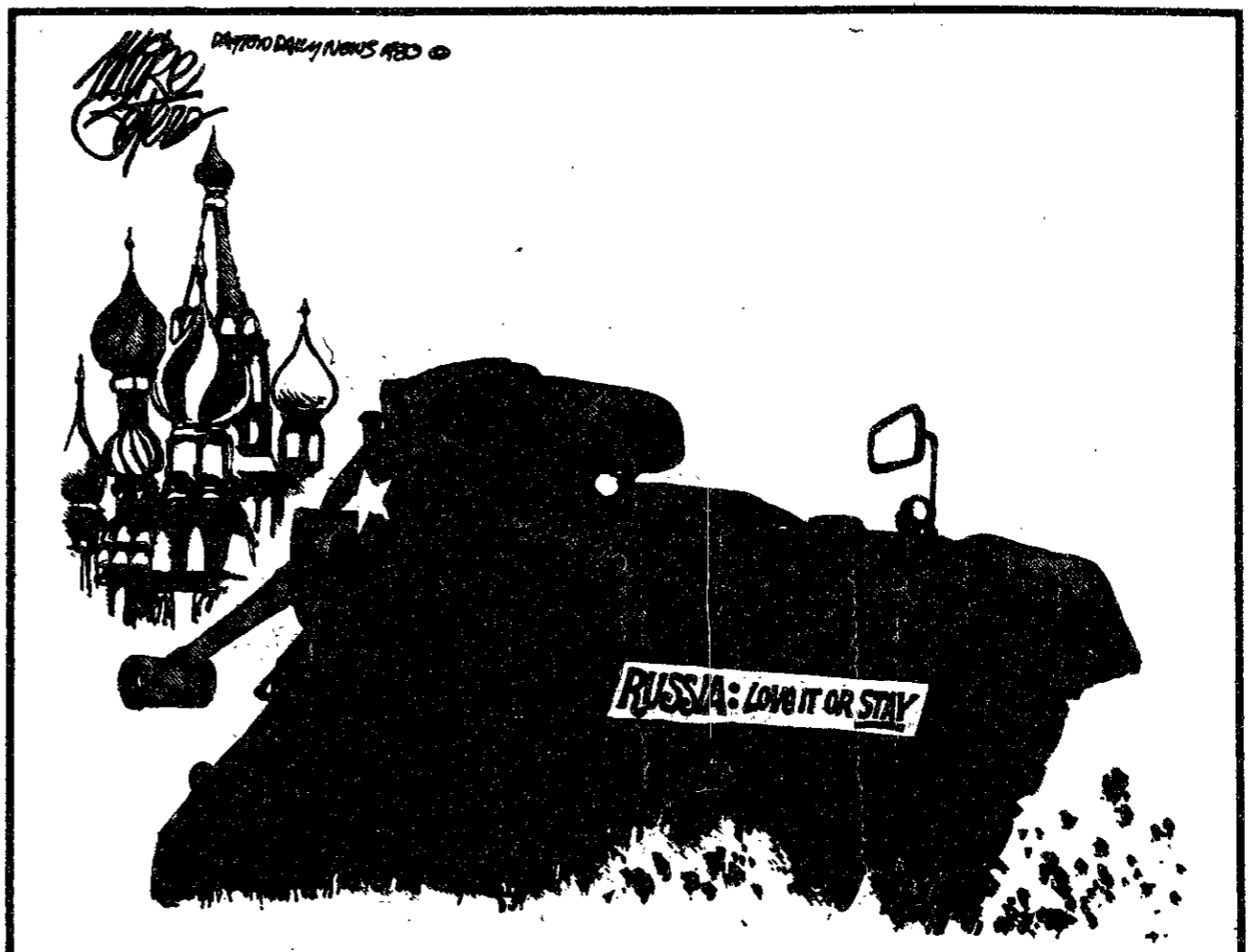
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ARTS

An obtuse triangle

Betrayal, by Harold Pinter, at the Charles Playhouse through December 5.

Harold Pinter's latest work, *Betrayal*, uses an interesting technique to analyze an adulterous relationship: the entire play unfolds in reverse. The first scene takes place in 1977, with the two ex-lovers getting together at a pub to have a drink and reminisce. The last scene depicts the first meeting of the pair, and happens in 1968.

This device, although not unique, is a novel method to diagram the mechanics of adultery. Unfortunately, the device is the only thing novel about the play. Pinter has added no new information to the phenomenon of betrayal. There are no new insights to be gained from watching this play. Some would argue that the reversed-time gimmick is a sufficient impetus to have produced it. Nonsense — if the best a playwright can do is play stylistic games, he should quit while he's ahead. "Theme" is the operative word for a play, not "technical perfection." Pinter in particular should know better.

There are only three characters in *Betrayal*. Emma (Jenny Agutter), Robert (Paul Benedict), her husband and Jerry

(Richard Jordan), her lover. In addition to the affair between Jerry and Emma, the three are tied together through various business dealings. Jerry is an agent, and Robert a publisher. To further embroil matters, Jerry and Robert are best friends. Why all these details were added is a mystery, since they just serve to confuse the direction of the material.

Paul Benedict as Robert delivers a precise portrayal of a precise individual. Robert leads an exact life with every word and gesture calculated. Benedict achieves this robot-like quality with ease. It is to be wondered whether Benedict would have been able to handle the role if it called for any sign of emotion. Robert doesn't seem to care about his wife's affair half the time, and explodes into cartoon fury the other half. It makes understanding of his true feelings very difficult.

Jenny Agutter does a creditable job as Emma. She is capable of expressing happiness, anger, desire, or reticence as necessary. Like Benedict, however, her true feelings are hidden most of the time. Part of this is due to the role, but some of it seems to be unfamiliarity with the character on



Jenny Agutter and Richard Jordan co-star in Harold Pinter's *Betrayal*.

the part of Agutter.

Richard Jordan does the best job as Jerry. He sounds younger and more confident each time the clock turns back. In addition, Jerry is the only character to show strong emotion, and Jordan conveys the lover's feelings to the audience with accuracy and

enthusiasm.

The sets for *Betrayal* are stark and empty. A chair and table, or a bed serves for most scenes. This concentrates the audience's attention on the actors. It's too bad that they say nothing of great import.

Michael Taviss

The Burton Gallery

MIT photographers have their work displayed in a show at the Burton Gallery. The show will run at least until Dec. 1. (photo by Steve Cohen)

ON THE TOWN

MIT

The MIT Dramashop will present a series of one-act plays: *After Magritte*, *The Police* and *Line* on Nov. 20, 21 & 22 at 8pm in Kresge Little Theatre. Admission is free.

* * * *

The MIT Community Players' production of the children's show, *Winnie the Pooh*, will play Dec. 5 at 7:30pm, Dec. 6 at 2 & 7:30pm and Dec. 7 at 1pm in Kresge Little Theatre. Tickets are \$3, \$2.50 with MIT ID, \$1.50 for children. For information and reservations, call 253-4720.

* * * *

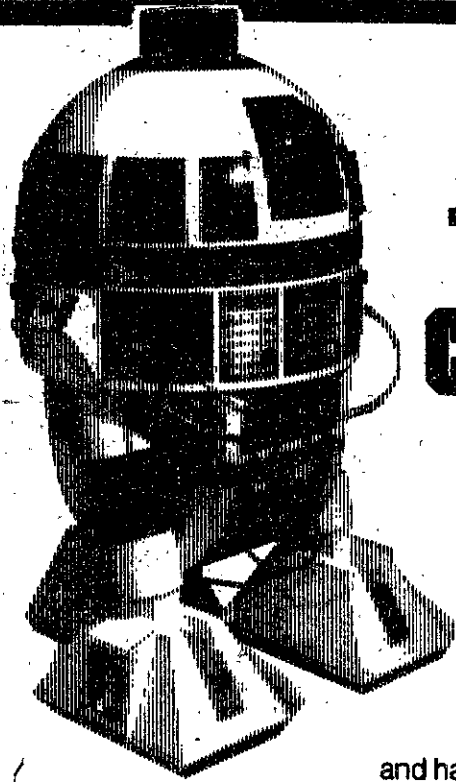
The MIT Concert Band, John Corley, conductor, will present a program in-

cluding works by Bergsma, Rosen and Holst at 8:30pm on Nov. 21 in Kresge Auditorium. Tickets for the concert will be available all week in Lobby 10 and at the door.

THEATER

People's Theatre, 1253 Cambridge St., Inman Square, presents *The New Vaudevillians*, an evening of mime, stories and clowning. Performances are Nov. 18, 24, 25 and Dec. 1 & 2. Tickets are \$3. Call 354-2915 for more information.

The award-winning play *The Elephant Man* will begin a 6-week engagement at the Shubert Theatre Nov. 24. Performances are Sat. at 8pm with matinees at 2pm Wed. & Sat. For more information, call 426-4520.



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E. Campus housemaster wants 'adequate' dining

(Continued from page 1)

improvements are employed, the base of students who eat there will increase each year due to forced commons," commented Houtsma. He did not deny that improvements are being made, but questioned the speed at which visible changes are incorporated into the system.

"There is much concern among the students, lots of talk and general unhappiness with the system," added Houtsma. In three-and-a-half years there will be over 600 students eating mandatory commons in Walker, he said, and there is much question whether a major improvement, such as a new dining facility, can be constructed quickly enough to serve these future students.

"Students here," said Houtsma, "deserve a commons dining room operated the same as in Baker." Currently there is no salad bar or provision for going

back for unlimited drinks at Walker.

"Another problem is that there is no late commons dinner available here on the east side of campus. Many students who are involved in various sports are greatly inconvenienced by this," criticized Houtsma. Late dinners are presently available only at Baker dining hall.

"With all these people on commons a few years down the road, we need an acceptable dining program," commented Houtsma, "but they must not let the search for a permanent solution obscure the need for improvements right now."

SPACE

(See related story, pg. 1)

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A representative of the School's graduate program in public policy will conduct a group session on campus on November 21 (Friday) at 2:30 p.m.

A question and answer session will follow a brief presentation. For exact location and further details, contact Elizabeth Reed, Career Planning and Placement.

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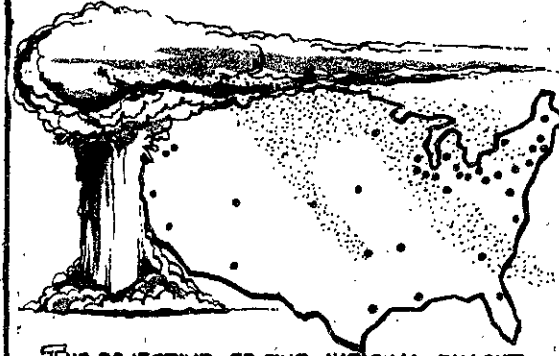
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Nominations for membership in the MIT Corporation are due by: December 22

The MIT Corporation Screening Committee will soon select a slate of candidates from the 1979, 1980, and 1981 MIT graduating classes. One person from this slate will be elected in May 1981 to a five-year term on the MIT Corporation. Each year, a recent or current graduate is elected to such office.

Have you selected a candidate? Have you references ready?

for information, see or phone
Dorothy Adler
Alumni Center 10-110
Tel: 253-8200



Announcements

Students interested in learning more about **summer jobs overseas** should come to meet Yves Dufrane G (Course 15) and Bill Chambers '81 (Course 6-1) who will discuss their experiences. Descriptive literature and application blanks will be available. Application deadline is December 15, 1980. For more information, contact the Office of Foreign Study, 5-108, on Monday, November 24, from 4-5pm.

* * * * *
The National Space Club (NSC) will award a **\$3,500 scholarship** for the academic year 1981-1982. The scholarship is in memory of Dr. Robert H. Goddard, America's rocket pioneer. The award is given to stimulate the interest of talented students in the opportunity to advance scientific knowledge through space research and exploration. The 1981 award winner will be introduced to the nation's leaders in science, government and industry at the Goddard Memorial Dinner

to be held March 27, 1981 in Washington, DC. The terms of the scholarship are as follows:

- The applicant must be a US citizen, in at least the junior year of an accredited university, and have the intention of pursuing undergraduate or graduate studies in science or engineering during the interval of the scholarship.

- The selection for the award is made by the NSC Committee on Scholarships on the basis of the following:

- official transcript of college record;

- letters of recommendation from faculty;

- accomplishments demonstrating personal qualities of creativity and leadership;

- scholastic plans that would lead to future participation in some phase of the aerospace sciences and technology;

- personal need is considered, but is not controlling.

- Applicants should apply by letter and provide the necessary data requested above no later than January 12, 1981, to the National Space Club, c/o Dr.

Benjamin N. Early, 1629 "K" Street, N.W., Suite 700, Washington, DC 20006.

- Upon final completion of his work, the winner shall prepare a brief report on a topic of his selection to be presented to the National Space Club.

Funds awarded are paid to the winning student through his university before the new academic year begins. The winner is eligible to compete for a second year if the circumstances and his accomplishments warrant it.

* * * * *

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MICROSOFT

sports

sports update

SAE sweeps in Octathon

By Eric R. Fleming
Sigma Alpha Epsilon (SAE) won the second annual intramural Octathon tournament held this past week, winning all eight events en route to gathering 1554 out of a possible 1600 points.
Baker House, which also won

all eight sections of the week-long tourney (soccer, football, hockey, ultimate frisbee, water polo, basketball, softball, and volleyball), took second place with 1422 points. Baker won the inaugural Octathon in 1979, using a 3-2 softball win over SAE to take last year's title. Burton House

jumped from tenth to third, with 1354 points and a 7-1 mark, the lone loss coming to the Deltas in water polo, 4-2. None of the top three teams faced each other in the competition, as pairings were randomly drawn.

Steve Aschkenase '81, this year's Octathon manager, noted that the tournament went well in 1980, crediting the managers in the various sports for aid in supplying officials and helping to coordinate field space. Aschkenase acknowledged that the scoring for hockey may need to be revamped, as a large number of teams received the maximum 100 bonus points based on scoring five or more goals.

The order of finish is as follows:

- | | |
|------------------------|------|
| 1. Sigma Alpha Epsilon | 1554 |
| 2. Baker | 1422 |
| 3. Burton | 1354 |
| 4. Lambda Chi Alpha | 1256 |
| 5. Theta Chi | 1022 |
| 6. Sigma Phi Epsilon | 1017 |
| 7. Random | 1013 |
| 8. Kappa Sigma | 937 |
| 9. Pi Lambda Phi | 909 |
| 10. Delt | 886 |

Cross Country — Bob Walmsley '84 led the Engineers to a spot in next week's NCAA Division III Championships in Rochester, New York, as MIT finished fourth in Saturday's qualifying meet at Boston's Franklin Park. Walmsley, a native of Cheshire, England, finished 17th, running the five-mile course in a time of 25:04. Junior Colin Kerwin, in his first meet of the season after a long illness, took 19th place with a time of 25:07. Also running for MIT were Paul Neves '83 (30th, 25:29), Bob Collins '82 (36th, 25:40), Peter Osler '82 (38th, 25:42), Jeff Lukas '82 (49th, 25:52), and Ed Hurley '84 (100th, 27:14). Six of the seven Tech harriers ran personal bests at the meet. Joining MIT next weekend are Brandeis, SE Mass.,

Fitchburg State, and Keene State.
Intramural Soccer — Club Latino won the first Independent A-League soccer title Saturday by defeating the Ellines (Greek student association) in a 4-2 overtime contest at Steinbrenner Stadium. The Ellines took a 1-0 lead late in the first half, but Club Latino fought back to control the game in the second 45 minutes of play, eventually getting the equalizer with just ten minutes left in regulation. Neither team could score during the overtime period, and the result boiled down to giving each squad four penalty kicks, most successes winning. Club Latino connected on three of four, while the Ellines could only push across one of their chances to make the final score 4-2.

- | | | | |
|------------------------|-----|---------------------|-----|
| 11. Lab for Mfc. Prod. | 778 | 16. Phi Kappa Sigma | 617 |
| 12. Alpha Epsilon Pi | 749 | 17. Sigma Chi | 567 |
| 13. Alpha Tau Omega | 696 | 18. Zeta Beta Tau | 482 |
| 14. Alpha Delta Phi | 634 | 19. Number Six | 377 |
| 15. Beta Theta Pi | 633 | 20. Theta Xi | 347 |

1st Pentathlon good

By Eric R. Fleming
The women's answer to Octathon was held during the week of November 5-10, and if the week's proceedings are any indication, Pentathlon will become a permanent fixture on the MIT intramural sports scene.

The inaugural tourney featured five events: volleyball, soccer, basketball, water polo, and softball, with six teams competing. Scoring was done in the same way as Octathon, with a team receiving 100 points for a win, plus "bonus" points up to a maximum of 100. Many of the contests were extremely close, with two of the three soccer games ending in ties after five-minute overtimes, and several overtime thrillers in basketball and water polo. After four events, with only softball remaining, three teams — Senior House, Baker Grapes (composed of freshmen and sophomores), and Number Six — were in the running for first place. Both Baker and Senior House won their games and earned 100 bonus points, while Number Six lost its contest, as the Grapes took first with 657 out of a possible 1000 points, putting Senior House in the runnerup spot with 635. Burton used a 13-7 win in softball to edge out Number Six for third place (506 points).

Manager Emmy Behlau '82 was pleased with the tourney; her only regret was that McCormick, the largest female living group on campus, did not field a team. Behlau noted that the idea for a female counterpart to Octathon came when a woman from Baker House attempted to join the dorm's Octathon team. She credited the various teams' captains for doing a fine job in organizing and getting the teams out to play, as no forfeits were registered during the five-day affair.

Support from the men on

campus was excellent. The games were well attended, and the fans cheered their favorites on.

Behlau hopes that in the future more teams will participate, including independent groups such as laboratories, etc. She also expressed the hope that participation in Pentathlon will encourage women here to become more involved in sports at the club and varsity levels.

- The final standings were:
- | | |
|-----------------------|-----|
| 1. Baker Grapes | 657 |
| 2. Senior House Rugby | 635 |
| 3. Burton | 506 |
| 4. Number Six | 468 |
| 5. Baker Bricks | 372 |
| 6. WILG | 319 |

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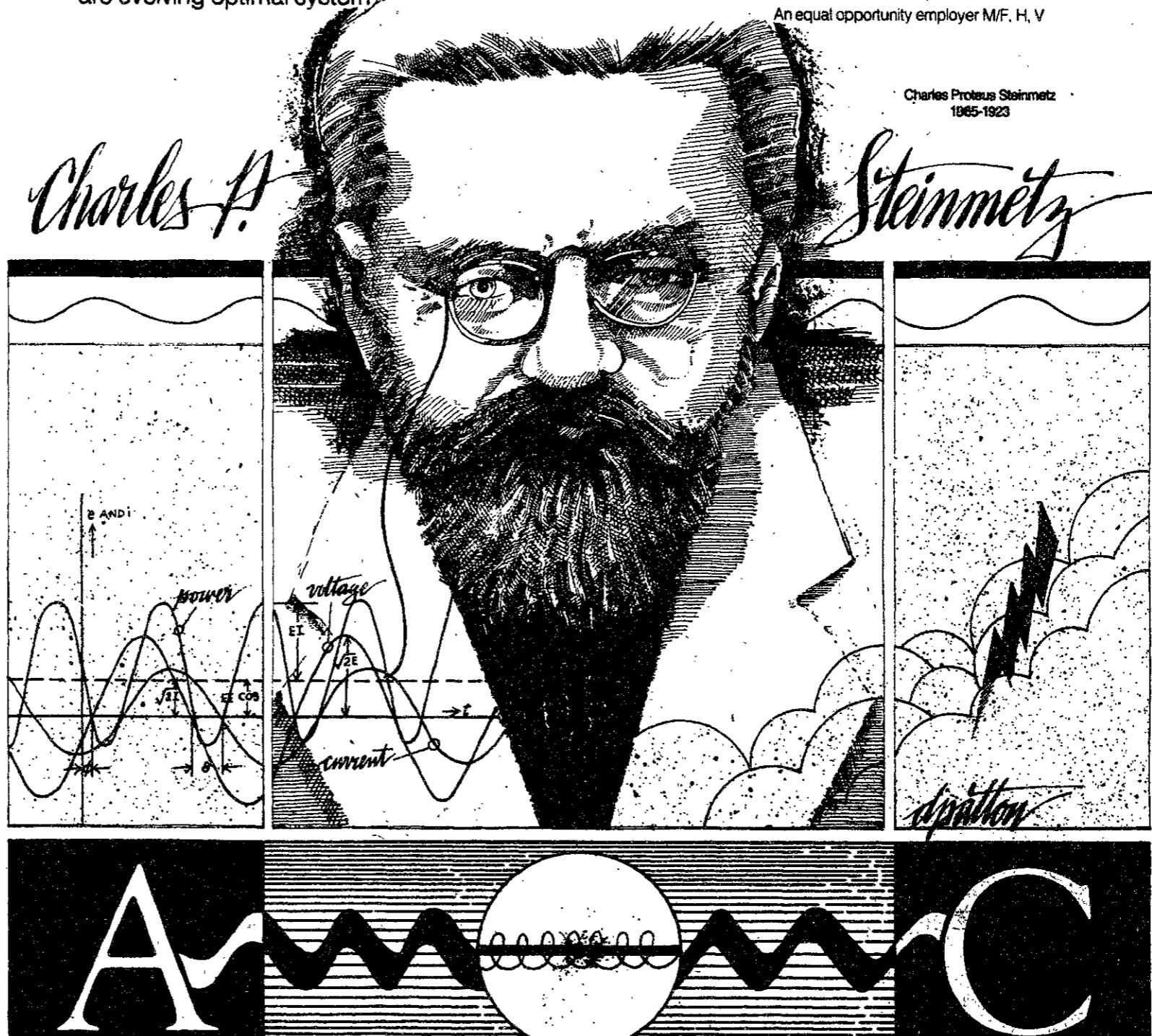
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