Vol. 87, No. 43 Cambridge, Mass., Tuesday, Nov. 7, 1967 5c

Meeting set for tonight to explore school plan

By Jack Katz

Because people generally listen when Dr. Jerome Lettin, spe, MIT could one day embark on a radically different concept high schools—in institution taught by college students receiving academic credit for their efforts.

At a meeting scheduled for tonight in the West Lounge of the Student Center, discussion will be entertained on ideas for MIT financed high schools taught by undergraduates coming to the Cambridge community.

An ad hoc group headed by Mark Spitz '68, Richard Addisamn '68, Bill Carlson '68, Jerry Gershon '68, and Dave Peterson '68 will formulate the proposals for eventual presentation to President Johnson for Institutional approval.

$1 million estimated need

According to Peterson, estimates made here that MIT could raise $1 million over 10 years is an acceptable project.

Not allowed to touch

Dr. Lettin first made the proposal at the MIT Myths Conference two weeks ago. unbelievably.

(Please turn to Page 5)

CAP begins discussion

By Mark Boletti

Last year's Reading Period experiment may prove the way to major alterations of Reading Period and Examination Period. Armed with a 50% CAP might suggest that last year's Reading Period experiment be continued. This proposal for a five-day Reading Period plus the weekend free both before and after. Final would be still spread over the meetings and afternoons of five days.

No Reading Period

CAP might suggest some combination of these days in both the morning and the afternoon.

CAP might recommend the continuation of the system of odd Reading Period and Examination Period. This proposal for a five-day Reading Period and three-hour finals would be held over five

CAP might suggest some combination of these

(Please turn to Page 6)

Reading Period changes debated

Field Day tradition falls as sophomates defeat frosh

By Peter Mascher

In one of the most bitterly contested and emotionally charged Field Days of recent years, an unprecedented "Field Burn" sophomore class triumphed over the "Snoopy" froshmen last Saturday. The victory represented the first time since 1960 that the class of an even-numbered year had won Field Day.

Sophomates had stolen most of the special Tahirta which the freshmen had made up for Field Day. Many of the signs appeared on sophomates, with the original Snoopy cartoon covered by the sophomore class symbol in red.

For Beaver Key

The first event, a pumpkin-eating contest between living-group representa-

tives of the two classes, came to a premature end when the pie-eaters became pie-throwers. Beaver Key awarded itself the 30 points at stake in the contest.

(Please turn to Page 3)

Field Prom, Field Day mark active weekend

Junior Prom succeeds socially and financially

An unprecedented number of partial ticket sales at a slight drop in the number of total weekend tickets to make the $100,000 financially successful. In recent years, Full weekend sales totaled $125, down from $175 last year; but over 1200 couples were present at the Saturday concert, and a record 1200 couples were present at the Saturday night dance.

The formal dance Friday night went smoothly and was highlighted by the crowning of the YP queen, Maria Marie of Killborn of Wellesley College, the date of Dave Kiser of the Kresge colloquium;

Deans discuss action

Held yesterday in the Kresge Auditorium, an open forum met to discuss various aspects of the Vietnam war. In particular the use of napalm in the Vietnam war. The forum was sponsored by the Committee to End the War in Vietnam, chaired by Professor Murray Eden of the Electrical Engineering department. The top- side under discussion was "Napalm, Vietnam, and the University."

The purpose of the colloquium was to hold an organized, objective discussion of the napalm issue.

Speakers at this open forum included President Howard John-

son, William W. Barrington, Director of the Placement Bureau, who spoke against use of incendiaries. Professor Max Key, a Dow employee, who spoke for the war, and was fol-

lowed by Philip Morrison, Professor of Physics, who spoke against the fighting. Chairman of the Faculty, Walter A. Rosenblum, a New York Times columnist for the meet-

ing.

Another meeting

Another group also took action last weekend. Before the anti-

Vietnam demonstrators had even planned their tactics, the Dean's office had held a discussion of what would be done to prevent a violent demonstration, and what sort of action should be taken against protesters who become carried away with their efforts to draw attention to the anti-war cause.

Deans meet

Dean of Student Affairs Kenneth R. Wlinker weighed in with Associate Dean Donald W. Hamness, Director of the Placement Bureau, and Director of Industrial Relations, who spoke against the fight. The protest was held under discussion was "Napalm, Vietnam, and the University."

Newspaper stories of the Vietnam war, including the use of napalm in Vietnam, were brought to the attention of the University. The students were asked to consider the implications of the use of napalm in Vietnam and the University.

Deans confer

About 200 students and faculty members met to discuss the implications of the use of napalm in Vietnam and the University.

Deans sat down to talk about what sort of action should be taken against protesters who become carried away with their efforts to draw attention to the anti-war cause.

The formal dance Friday night went smoothly and was highlighted by the crowning of the YP queen, Maria Marie of Killborn of Wellesley College, the date of Dave Kiser of...
selloffs (their maturity should allow letters of the extra time), and instructors (they have rigid schedules, especially at exam time).

Despite this opposition, the experiment was as approved by the faculty when confirmed with a SCEP report. The report consisted of a poll conducted in the spring of 1966 to determine student desires about Reading Period. This poll showed that 36% preferred a shortened Reading Period; 25% favored no change in Reading Period; 20% wished for a short Reading Period and a lengthened Examination Period; and 29% of respondents could have exams on alternate days: and 16% preferred a long Reading Period and a lengthened Examination Period.

Another question raised sought to determine which period would profit most by the lengthened Reading Period. Bids were put in for humanities students (more time needed for reading courses),

**SCEP poll**

**Students seek one final per day**

(Continued from Page 1)

ideas, such as a shortened Reading Period and a lengthened Examination Period. A CAP might preclude one of these proposals on an experimental basis for the spring term.

**Experimentation**

Reading Period was extended for the spring term last year on an experimental basis at the urging of SCEP. According to Prof. Hartley, the Faculty expressed 'relatively little enthusiasm' for the plan, they accepted the change as a basis for gathering comparative data.

At that time, members of the Faculty felt that the extra two days of formal instruction were worth more in class than out. Other considerations were concerned less with the actual length of the Reading Period than with the form itself.

We predict another question raised sought to determine which period would profit most by the lengthened Reading Period. Bids were put in for humanities students (more time needed for reading courses),

*The lightweight champs of the world...*  
**SONY RADIOS AND TELEVISIONS**

Indoors, outdoors, on land, on sea, and on the air, Sony scores a technical knock-out with these miniature portables. Great coolers, they're power-packed to give heavy-weight performance any place, any-where. For a ringside seat, visit the Coop's Mezzanine Floor, Main Building, and see these little champions in action!

**Hardware-Oriented**

**We're Looking For No-Nonsense, ELECTRICAL ENGINEERS**

**WHAT WE DO:**

Design and manufacture automatic equipment, testing, evaluating and classifying transistors, rectifiers, diodes and integrated circuits, complex systems, complete systems, complete equipment.

**WHATS SO ABOUT GOOD**

A seven year old company with an outstanding growth rate of sales, profits, and employees is employing close to 250 people. As a diversified electronics company in the industry, with markets around the world, we've got the know-how to guarantee an optimal system. Instruments with which you won't be satisfied - no adjusting or calibrating once installed.

**WHO WE'RE LOOKING FOR:**

- Circuit Designers
- Applications Engineers
- Test Engineers
- Field Service Engineers
- Sales Engineers

**WHATS IN IT FOR YOU:**

An opportunity to quickly become a key person of the organization - you won't have time for personal problems. A company small enough to make the contributions of capable individuals and talented reward with responsibility. An organization that combines a high degree of technical involvement in almost all phases of the company's opera-

**THE CODON CORPORATION**

special computer system companies

Several full and part-time positions exist for:  
- real-time systems analysts  
- programmers  
- control systems engineers  

Please call or write:  
THE CODON CORPORATION  
Post Office Box 137  
Cambridge, Mass. 02139  
492-6870  
As Equal Opportunity Employer  

---

**SCEP poll**

**Students seek one final per day**

(Continued from Page 1)

ideas, such as a shortened Reading Period and a lengthened Examination Period. A CAP might preclude one of these proposals on an experimental basis for the spring term.

**Experimentation**

Reading Period was extended for the spring term last year on an experimental basis at the urging of SCEP. According to Prof. Hartley, the Faculty expressed 'relatively little enthusiasm' for the plan, they accepted the change as a basis for gathering comparative data.

At that time, members of the Faculty felt that the extra two days of formal instruction were worth more in class than out. Other considerations were concerned less with the actual length of the Reading Period than with the form itself.

We predict another question raised sought to determine which period would profit most by the lengthened Reading Period. Bids were put in for humanities students (more time needed for reading courses),

*The lightweight champs of the world...*  
**SONY RADIOS AND TELEVISIONS**

Indoors, outdoors, on land, on sea, and on the air, Sony scores a technical knock-out with these miniature portables. Great coolers, they're power-packed to give heavy-weight performance any place, any-where. For a ringside seat, visit the Coop's Mezzanine Floor, Main Building, and see these little champions in action!

**Hardware-Oriented**

**We're Looking For No-Nonsense, ELECTRICAL ENGINEERS**

**WHAT WE DO:**

Design and manufacture automatic equipment, testing, evaluating and classifying transistors, rectifiers, diodes and integrated circuits, complex systems, complete systems, complete equipment.

**WHATS SO ABOUT GOOD**

A seven year old company with an outstanding growth rate of sales, profits, and employees is employing close to 250 people. As a diversified electronics company in the industry, with markets around the world, we've got the know-how to guarantee an optimal system. Instruments with which you won't be satisfied - no adjusting or calibrating once installed.

**WHO WE'RE LOOKING FOR:**

- Circuit Designers
- Applications Engineers
- Test Engineers
- Field Service Engineers
- Sales Engineers

**WHATS IN IT FOR YOU:**

An opportunity to quickly become a key person of the organization - you won't have time for personal problems. A company small enough to make the contributions of capable individuals and talented reward with responsibility. An organization that combines a high degree of technical involvement in almost all phases of the company's opera-

**THE CODON CORPORATION**

special computer system companies

Several full and part-time positions exist for:  
- real-time systems analysts  
- programmers  
- control systems engineers  

Please call or write:  
THE CODON CORPORATION  
Post Office Box 137  
Cambridge, Mass. 02139  
492-6870  
As Equal Opportunity Employer  

---

**SCEP poll**

**Students seek one final per day**

(Continued from Page 1)

ideas, such as a shortened Reading Period and a lengthened Examination Period. A CAP might preclude one of these proposals on an experimental basis for the spring term.

**Experimentation**

Reading Period was extended for the spring term last year on an experimental basis at the urging of SCEP. According to Prof. Hartley, the Faculty expressed 'relatively little enthusiasm' for the plan, they accepted the change as a basis for gathering comparative data.

At that time, members of the Faculty felt that the extra two days of formal instruction were worth more in class than out. Other considerations were concerned less with the actual length of the Reading Period than with the form itself.

We predict another question raised sought to determine which period would profit most by the lengthened Reading Period. Bids were put in for humanities students (more time needed for reading courses),

*The lightweight champs of the world...*  
**SONY RADIOS AND TELEVISIONS**

Indoors, outdoors, on land, on sea, and on the air, Sony scores a technical knock-out with these miniature portables. Great coolers, they're power-packed to give heavy-weight performance any place, any-where. For a ringside seat, visit the Coop's Mezzanine Floor, Main Building, and see these little champions in action!
Sophos gain victory through 'spirit'...

Field Day 1967 was topped off by the glove fight between the freshman and Sophomore classes. The sophomores are shown here using some of the less brutal techniques which won the contest and Field Day for them.

"Vietmen: A Conflict of Reflections and Wisdom Values?" by Mrs. L. H. Litt and G. H. Litt

Field Day 1967 was topped off by the glove fight between the lighter freshman biplanes, which were pushed down the field by 10 sophomores, won easily. The sophomores were awarded six points for having stolen the freshman kite, which would have been flown from the plane, and the freshman nine points for winning the race.

A mystery event entitled "Charlie Brown Express" followed. It was a tandem three-legged race, with 20 pairs of students from each class tied together. The sophomores won the race and 10 points by hopping on their feet down the 100-yard course, easily defeating the tangled freshmen.

The numerical superiority of the Class of '71 was convincingly proven in the unlimited tug-of-war. The angels fought hard, but their efforts were quickly dragged through the mud-bath between the two classes. A similar fate befell the sophomorescocks in their tug-of-war. The score at this point was freshmen 24, sophomores 16, and Beaver Key 10, so that Beaver Key did not have to award "sportsmanship points" or change the 35-point scoring of the glove fight to maintain the contest.

In the glove fight the sophomores, outnumbered almost two to one, managed to stay together for the first few minutes before the fight degenerated into hand-to-hand combat. Both sides took gloves freely, but the sophomores gathered the greater weight of gloves by a small margin and emerged from the weighing room with the Field Day cup.

Bisaccio speaks:

Class of 1970 president Joe Bisaccio commented on his class's victory. "It was close, but we were happy because we had more spirit."

In general, Field Day this year seemed to be less well attended, as it has been in past years. Nevertheless, it provided morning entertainment for numerous MIT students and their families.

To get one, just apply yourself.

This saves 50% of your air fare.

United Air Lines

Student teaching plan

proposed by Lettvin

(Continued from Page 1)

had had the idea for quite some time. He offered his services to the Cambridge school system, but was told he was not qualified to teach as he had no state teaching certificate. Dr. Lettvin holds professorships at MIT in Electrical Engineering and Biology; he teaches a course in Humanities.

Lettvin was first approached about the possibility of giving academic credit to students teaching at the Science Day Camp. For this idea he considered a far broader project, and suggested forming a student-run high school which could serve the community and give academic credit to students in a new educational experience.

Bisaccio speaks:

Class of 1970 president Joe Bisaccio commented on his class's victory. "It was close, but we were happy because we had more spirit."

In general, Field Day this year seemed to be less well attended, as it has been in past years. Nevertheless, it provided morning entertainment for numerous MIT students and their families.

Student teaching plan

proposed by Lettvin

(Continued from Page 1)

had had the idea for quite some time. He offered his services to the Cambridge school system, but was told he was not qualified to teach as he had no state teaching certificate. Dr. Lettvin holds professorships at MIT in Electrical Engineering and Biology; he teaches a course in Humanities.

Lettvin was first approached about the possibility of giving academic credit to students teaching at the Science Day Camp. For this idea he considered a far broader project, and suggested forming a student-run high school which could serve the community and give academic credit to students in a new educational experience.

Bisaccio speaks:

Class of 1970 president Joe Bisaccio commented on his class's victory. "It was close, but we were happy because we had more spirit."

In general, Field Day this year seemed to be less well attended, as it has been in past years. Nevertheless, it provided morning entertainment for numerous MIT students and their families.

Student teaching plan

proposed by Lettvin

(Continued from Page 1)

had had the idea for quite some time. He offered his services to the Cambridge school system, but was told he was not qualified to teach as he had no state teaching certificate. Dr. Lettvin holds professorships at MIT in Electrical Engineering and Biology; he teaches a course in Humanities.

Lettvin was first approached about the possibility of giving academic credit to students teaching at the Science Day Camp. For this idea he considered a far broader project, and suggested forming a student-run high school which could serve the community and give academic credit to students in a new educational experience.
Letters to The Tech

Chess club checkmate
To the Editor:
I would like to report that the first club meet-
ings Sunday and Monday in room 481 of the
Student Center, scheduled a tournament for
Saturday, Nov. 29, which would take about
4 hours, and started publicity of the event.
(Today—Tuesday)—we would have been
cause of a meeting of the Nation-
al Association of Student Unions in
room 481 at 3 p.m. The room
available until 3:30 p.m. The
strange occurrence
room availability is not unique. In
the last year and a half, the Chess
Club has been in residence at
least five times; the current instance represents one of the
overnight notices we have
received.

Steve Carhart
Towers Association Sec.

Stephen wonders
To the Editor:
Dear Michael,
I wonder if an idea
about the schedule
in advance, or not make
the changes, may
end up, but I know that
have been some
problems in the
chess club, and I
understand that they
are working on it.

To the Editor:
Peter Meschter, ’69
Chess Club Administrator

Classroom traffic study
To the Editor:
I am a member of the
Student　Towers Association, and
I believe that the traffic
in the Science Center is
unacceptably bad. The
traffic is so heavy that
students often have to
wait in line for
long periods of time.

The Ivy Tower
Russian orbital weapon could open arms race

By Steve Carhart

The new orbital nuclear weapons system apparently under develop-
ment by the Soviet Union should prompt a reassessment of our
relations with the Soviet Union. The new “orbital nuclear bombard-
ment system” (ONBMS) was first revealed by Secretary of Defense Mc

mura last week could pose a
threat, because it is a low earth or
bit from which they could be
launched. This is a significant
advantage, as it gives the
US the ability to launch a
nuclear attack before the
Soviet Union can launch its
defensive systems.

Despite Secretary McNamara’s assurance that the advantage of
an orbital weapon is negli-
gible and that a newly developed
radar will negate it, it seems
that the US will be able
to avoid increasing its own
defensive systems. This
may seem like a good thing
at first glance, but it is
not, as it could lead to a
misunderstanding of our
own capabilities.

In regard to personal contacts, too
many students never have the chance
to learn about the different things with
an instructor outside of class. This
is a serious mistake which unfortu-
ately limits a student’s educational
experience. The faculty of this Institute
is extraordinarily willing to do research,
publishing, and other academic cho-
res to just sit down and “shout the
truth.” But students who never see
out their professor, who never takes advan-
tage of the opportunity to discuss any
data they have to offer or if they
not, is getting shortchanged on his
work.

As one small advance in encourage-
ner, better teaching and suggesting
better teaching methods, we will feature in “Faculty Spotlight” some
of the more inspired, if lesser known instructors, ask-
ing them questions about their philosophy of instruction, their techniques, and what
brought them to MIT. Although we do not wish to sponsor
them, we would like to hear from any
students who have performed
ously good teachers. Suggestions
may be mailed to WO-385, or dropped
directly at our offices.

Vol. LXXXVII, No. 43
November 6, 1967

Chairman
Guilly Coat

Managing Editors
Mike Reifberg
John Croute

Features Editor
Dan Green

Sports Editor
Michael Warren

Controller
Jack Sheldon

Chairman
Steve Carhart ’70

Associate Sports Editors
Scott Ramos ’71

Features Editors
Steve Carhart ’70

Associate Features Editors
Jon Steele

Associate News Editors
Greg Arens00

Associate News Editors
G uille

Associate Photography
Cox ’68

Assistant Photography
Bolotin ’68

Associate Photography
Jill Reynolds

Associate Photography
Joel Saltz

Features Staff
Levi Stoltz
North Fighting

Sports Staff
Stu Jocher ’70, Ed Chitty
North Fighting

News Staff
John Wolf ’70, John Walden
North Fighting

Business Manager
Richard Dugan ’70

Entertainment Editor
Leon Nadler ’70

Business Manager
Nick Cecchi ’70

Vol. LXXXVII, No. 43
November 6, 1967

Chairman
Guilly Coat

Managing Editors
Mike Reifberg
John Croute

Features Editor
Dan Green

Sports Editor
Michael Warren

Controller
Jack Sheldon

Chairman
Steve Carhart ’70

Associate Sports Editors
Scott Ramos ’71

Features Editors
Steve Carhart ’70

Associate Features Editors
Jon Steele

Associate News Editors
Greg Arens00

Associate News Editors
G uille

Associate Photography
Cox ’68

Assistant Photography
Bolotin ’68

Associate Photography
Jill Reynolds

Associate Photography
Joel Saltz

Features Staff
Levi Stoltz
North Fighting

Sports Staff
Stu Jocher ’70, Ed Chitty
North Fighting

News Staff
John Wolf ’70, John Walden
North Fighting

Business Manager
Richard Dugan ’70

Entertainment Editor
Leon Nadler ’70

Business Manager
Nick Cecchi ’70

Front page photo of the Green Building by Steve de Groot.
Six undergraduates have been dredged up to compete in Alpha Phi Omega's "Ugly Man on Campus" contest. If previous contests are any indication, competition can be expected to be stiff and the race will go right down to the wire. The voting is scheduled to begin Monday and last until Friday. Each vote will cost one cent and one may cast as many votes as he wishes. Voting is open to the entire MIT Community. APO will donate the proceeds of the contest to a charitable cause, the American Cancer Society.

This year's contestants exhibit an unusual range of deformities, mutations, and deviations.

Contestant Alan Chapman '70 of TEP, boasts a running nose, infected hair, trench mouth, athlete's feet, and a waist size of 9.7 x 10.3 mm. Coming from the phylum Barfahelofalot, Chapman describes himself as "hideous, ugly, repulsive, unsightly."

Not to be outdone is Gregg "S'UVMP" Erickson '69 of DU. STUMP's assets include a well picked nose, clubbed feet, one red and two blue eyes, no chest, and no shoes. STUMP classifies himself in the phylum chewum-

Photos by Alan Goldberg

APO will once again run a movie to gain publicity for the UMOC contest and to help gather funds for the American Cancer Society. "The Blob" will be shown in Room 10-250 at 7 pm and again at 9:30 Wednesday, Nov. 11. The admission of 35c may be donated in the name of any of the candidates.

Last year's drive, which netted $558.28 for charity was won by Mel Basan '68. Basan refused to tell The Tech why he did not choose to run this year, but, according to informed sources, he sent a lengthy letter to APO with his full support for one of the candidates.
Protest determined Sun.

(Continued from Page 1)

The YAF hopes to show that the majority of MIT students support their position by means of a petition reaffirming Dow's right to recruit on campus.

Planning of protest

The format for the protest was planned at an SDS meeting held Sunday evening whose sole purpose was to decide the form of protest to be employed against Dow. The meeting consisted of an open session in which any student in attendance at the meeting requested that they speak. The meeting was open to all students in attendance.

Three representatives for the protesting group were chosen. They were: Professor Katz of the Department of Humanities, Ed Lucus '66, and Abe Light '66.

The meeting adopted the statement: "It is the overwhelming decision of the meeting, which included undergraduates, graduate students, teaching fellows, and faculty, to protest on the occasion of Dow Chemical Company's recruiting at MIT a non-obstructive sit-in to protest the war in Vietnam."

There were four main proposals that were voted on at the meeting. They were: eliminating the recruitment of MIT students, teaching fellows, and faculty from all other defense industries by virtue of the fact that the companies were involved with government contractors; the students would act as a group after a decision was voted upon. It was also thought that a protest must be chosen which would not cause unfavorable reaction in the student body.

Six Wednesday girls attended the meeting and also protested. They heard about the meeting through personal sources. Kenneth R. Wadleigh, Dean of Student Affairs, stated that it was decided that the girls would be asked to leave first."

"Responsible" protest

Once the actual protest had begun, Dean Wadleigh explained that he was pleased with the demonstration—"pleased in the sense that it's responsible."

"I never feel like a rookie"

"Sure it's my first year with B&W, but I've been too busy to think about that. I've been working in my field all along, and the training is right on target."

"I never feel like a rookie to Interview bachelor and graduate degree candidates in Mechanical Engineering, Electrical Engineering, Chemical Engineering, Mathematics, etc.

"I never feel like a rookie"

"I never feel like a rookie"

Babcock & Wilcox will be at MIT on Nov. 15 to interview bachelor and graduate degree candidates in Mechanical Engineering, Electrical Engineering, Chemical Engineering, Mathematics, etc.
Extended Reading Period favored strongly

(Continued from Page 2)

This spring, SCEP conducted a second poll. The results of this poll further indicated that a larger amount of "cramming" is associated with the shorter Reading Period. As a higher percentage of students with grade point averages of 4.0 or higher did not want the Reading Period extended, there is indication that the student with lower grades benefits more from Reading Period than the student with higher grades. Performance during Reading Period by students with grade point averages of 4.0 or higher did not want to see Reading Period extended, reading more efficiently because of decreased pressure, while for others, the shortened Reading Period only "prolonged the agony" of study. Nevertheless, a vast majority of the students polled felt that the extended Reading Period is an improvement over the old set-up. SCEP's report acknowledged that problems did arise during the experiment. Some courses without final exams had end-of-term papers or projects due during Reading Period in direct violation of Institute regulations. However, there were few complaints from students; for otherwise, the due date would be moved forward, placing the student under increased pressure. As a result, many students spent the first few days of Reading Period on courses without finals, despite the intended purpose of Reading Period.

On the basis of this poll SCEP (Please turn to Page 11)

"Want a company that thinks you're as good as your ideas, not your age? See IBM Nov. 15th or 16th."

"I wanted a job where I could stand out and move ahead fast," says IBM's Bill Sherrard. (Bill graduated with a B.S. in Math in 1964.) "And I sensed there was a better chance to do that with IBM than with the other companies I interviewed. "I got a desk full of responsibility right after I started. This gave me the chance to show what I could do. And if you deliver, age doesn't hold you back." (Bill is a Programming Department Manager, supervising 13 systems analysts and programmers.)

5,000 more managers

"One thing that's helped me is the fantastic growth rate of the whole information processing industry. You can get an idea of how this growth means by looking at IBM's need for managers. There are over 5,000 more managers today than there were four years ago. And they need more every day, so there's plenty of room for growth. IBM also offers terrific opportunities for educational growth. One plant and laboratory program even pays all tuition and fees for any qualified applicant who wants to work on a Master's or Ph.D."

What to do next

IBM will be on campus to interview for careers in Marketing, Computer Applications, Programming, Research and Development, Manufacturing, and Field Engineering. Sign up for an interview at your placement office, even if you're headed for graduate school or military service. And if you can't make a campus interview, send an outline of your interests and educational background to J. E. Bull, IBM Corporation, 425 Park Avenue, New York, New York 10022. We're an equal opportunity employer.
**Do you buy a shirt or a label?**

If you want a good shirt, look for a good label. One that means the shirt is styled to last. With roll tabs, tapers and pleats. Like this Arrow "Cum Laude" Oxford. It's a woven blend of Dacron® polyester and cotton with skinny banded strips of green and blue. Button-down collar, tapered waist, long sleeves. Perma-iron so it won't wrinkle. And "Sanforized-Plus." In checks, plaid, solids and stripes. All the things you look for in a shirt—for $7.00. And in a good shirt you'll find a good label. The best labels come in our shirts. Arrow.

---

**A NIGHT OF CONTEMP. MUSIC**

**MIT CONCERT BAND**

**Kresge Auditorium**

8:00 P.M. SATURDAY, NOVEMBER 11

Tickets Free in Bldg. 10 or $1.00 at the Door
At Catacombs
Singer Tim Buckley shows talent

By Randy Hawthorne

An overpowering and intensely moving performance has been occurring nightly at the newly opened Catacombs this past week. The performer—Tim Buckley. The performance—extraordinary. In his latest recording, Buckley makes full use of orchestral strings coupled with other random sounds, as evidenced in his two albums to date. Live, however, there is only Tim playing an a cappella twentieth-century being accompanied by Lee Underwood on guitar and Carter C. C. Cole on conga drums, seemingly a novel instrumental backing for a powerful singer. Surprisingly the three produce a sound uniquely their own, a sound equally as satisfying as any engineered sound. It is to watch the three working in such close coordination and to be mesmerized by the emotion generated by Buckley’s voice is, in itself, a complete musical experience.

The songs, written by Tim Buckley and fellow Californian Larry Birdsong, are constructed as contemporary free verse set to music. Throughout the album, themes such as love, heartbreak, and loneliness are developed. Buckley makes these themes his own, putting a personal twist on each song. His images are simple, but emotional, capturing the essence of the human experience.

His current LP, “Goodbye and Hello,” has been well received by critics. His powerful voice and emotive delivery have earned him comparisons to his mentor, John Lennon. His ability to handle crowd responses is certainly not been "pre-eminent" in Boston, but a production of "Patience" quality deserves at least the accolade of "eminent."

We call it environmental engineering because these are the things that make buildings livable.

We want graduates who are interested in helping us apply the latest technological developments to the engineering of buildings. We are involved in continuing analysis of existing systems, and development of new. For example, our research program is currently conducting an in-depth study of man and material flow in a hospital complex. Also, our computer section is automating engineering calculations and equipment selection.

If you are a graduate interested in hearing more about this kind of engineering, we would like to talk to you on November 9.
Buckley's singing creates total musical experience

Unfortunately his engagement is over and he will return to the West Coast. An inversion is Goodbye and Hello (of his world), however, certainly to sing. The opportunity to see him live should not be wasted, but until each time his record is no exact substitute.

Page 10
Local talent
Nameless Coffeehouse debuts

(Continued from Page 6)

Kibitzer
(Continued from Page 1)

Although a diamond lead might have been better for the defense, West chose to lead the 2 of Clubs, his partner's suit. Declarer played low from dummy and won East's J with the K. He crossed to dummy's diamond Ace to lead a spade to Q, losing to West's K.

Declarer outsmarted

Next East-West cooperated beautifully to stage declarer into outsmarting himself. West led a club to East's Ace. East then led a third round of clubs to dummy? Q to make it seem like he wanted dummy to be on lead for another spade finesse. Just as East hoped, declarer only partially saw through this play. He led a spade to the Ace, expecting to drop the J, only to find that he had been double-crossed, because the finesse was on all the time!

West declarer led a heart to the 10 which East won. He crossed to a spade on which West discarded a diamond and paused to take stock of the entire hand. Since South had shown up with 4 spades and 3 clubs, he was marked for exactly 6 red cards. If West had five or more hearts, he probably would have thrown a heart instead of a diamond on the third spade lead. This meant that South was unlikely to have fewer than four hearts and consequently more than two diamonds.

Furthermore, if he had 4-3-3 distribution, he probably would have preferred a tailout double to an overall on a four card suit. But there was one additional clue which really gave the answer. South did not take the diamond finesse at trick two, which he certainly would have done with two or more diamonds. The only real possibility then was that declarer held only one diamond and therefore five hearts and elected to bid his shorter spade suit!

East makes nine

Confident now that this was the case, East made the necessary and telling play of the K of diamonds. Declarer ruffed this trick and gained a diamond trick in the process. However since the hearts were not yet established and the trump he just used was his last hard entry, he still had to give up one other heart trick to East and one diamond trick to West for down one.

Though the audiences of past Friday nights have not been large, the booking of known local talent should stimulate attendance. Performing this Friday will be Joan Mitchell and John Pearlman on guitar and vocals. Having played previously at the Turk's Head, the Offbeat, and the Sword in the Stones, these girls provide an enticing program of music unfamiliar to most music lovers. The following Friday night, Erik Erikson, a regular performer from The Unicorn, will present his twelve stringed guitar arrangements of popular, folk, and folk-rock compositions. Also to be heard occasionally are Steve Diemer '71, reading his own poetry and Zane Segal '71 performing folk guitar.

Anyone interested in performing at The Nameless Coffeehouse should contact Sherman Horwitz, 8277. Because it seems that no one around Harvard knows where Church Street is, declarer made sure to direct his listeners to exactly one block from the center of Harvard Square, anyone interested in the coffeehouse should contact either Horwitz, Ehrenman, or Segal for directions. There is no cover charge, but patrons are requested to donate as much as they would like to help defray the costs of semi-professional talent.

Support from the MIT community for this very congenial coffeehouse would help it rise even faster than it has in its first month of existence.

M.L.T. Dramashop will present Bertolt Brecht's "Drums in The Night," directed by Joseph D. Everingham as the music full production December 13 thru 16. Tryouts will be held tonight in the Little Theatre at 7:30 p.m.

INDIAN RAGAS
One Appearance Only
USTAD ALL AHMAR BHAN
No. Indian Master of the Sacred
Sydney Hall
Wednesday, Nov. 29
8:30 P.M.
Tickets Symphony Hall Box Office

Can an engineer find a good spot with United Air Lines?
One did.

His name is George Keck. He came to work for us as an industrial engineer in 1946. Today, he's the president.

Here's the real point: engineers at United Air Lines are not an isolated group of people, but a rapidly growing group whose contributions are vital to our programs. Top management watches those contributions with extreme care and rewards the people who make them.

There's a growing need at United Air Lines for aeronautical, electrical, electronic, mechanical and industrial engineers. We need them to improve designs of present aircraft and related equipment and to work with component manufacturers on the development of new equipment.

We want top talent—people who can do the job with imagination and intelligence. If you're got it, you'll find a good spot with United Air Lines.

CAMPUS INTERVIEWS
Will be conducted on
November 13th, 1967
Contact your placement office
TRW is success by association

From Los Angeles to Houston to Washington, from Space Systems to Ocean Systems to Information Systems, young people are making things happen at TRW.

Take a look around any TRW location. The young faces outnumber the old by a good margin. The vast majority of scientists and engineers you'll meet are under thirty, or forty at the most—Why? Because we depend on young ideas, new ideas, fresh ideas. That's why we need you.

What kind of a place is TRW? Ask around. Talk to your professors and faculty advisors, or your friends who are already working with TRW. Most of our professional employees applied to TRW on the recommendation of friends.

Here are some of the disciplines where new graduates may find career opportunities at TRW:


If you're receiving your degree (Ph.D., MS or BS) in Engineering or Science this year, check with your Placement Director and talk with us. We would love to see you. If you'll be receiving your degree next year, we will be around then.

SCEP proposes longer exam period

(Continued from Page 7)

Recommended that another experimental reading-Final exam period be tried this term. Under this proposal, classes would end on a Friday, with Saturday through Monday as the Reading Period. Exams Tuesday through Friday, Saturday and Sunday as Reading Period, then exams Monday through Friday. Exams would be held only in the afternoons. Primarily this system would allow enough flexibility in scheduling to give, effectively, a lengthened Reading Period plan the assurance that a student would have more than one final per day.

Views of CAP

When asked about the SCEP report, Jack Foley, Director of Student Aid, and a member of CAP, admitted that he had not yet formulated an opinion about Reading Period changes. However, he noted that even a cursory glance at the report strengthened his belief that the "opinions of the students is a meaningful thing and ought not to be treated lightly."

Professor Peter Griffith, an other CAP member, expressed support for the proposal, classes would end on a Friday, with Saturday through Monday as the Reading Period. Exams Tuesday through Friday, Saturday and Sunday as Reading Period, then exams Monday through Friday. Exams would be held only in the afternoons. Primarily this system would allow enough flexibility in scheduling to give, effectively, a lengthened Reading Period plan the assurance that a student would have more than one final per day.

Professor Hartley explained his interpretation of the SCEP report—its "clear to me" that the students are more concerned with the problems of two exams in a single day than with an extended Reading Period.

Beyond the computer

Nevertheless, he expressed doubts that the problems could be

(Area turn to Page 14)

ARE YOU UNDER 30?

5-Year Renewable Term Savings Bank Life Insurance

$25,000 for less than $75 a year
$20,000 for less than 50 a year
$15,000 for less than 45 a year
$10,000 for less than 35 a year
$5,000 for less than 15 a year

These are the average annual premiums for the Life Insurance based on current dividend rates. Those aged 35 and under are 35. Dividends are not guaranteed. We will gladly quote individual rates for your age, without obligation.

CAMBRIDGEPORT SAVINGS BANK

Right in Central Sq.,
Cambridge
Life Insurance Dept.
864-8271
Spoonful, Berry concerts highlight JP activities

(Continued from Page 1)

it woefully inadequate for the Spoonful’s sound, so substitute equipment was procured. After some discussion, the Spoonful agreed to foot the bill for the replacement gear. Those in attendance Saturday night were typically enthusiastic and gave a warm reception to Chuck Berry and the ill Watts.

Congratulations are in order for the Class of 1969 Executive Committee and the other members of JP Committee. The Executive Committee members include: President Mark Mathis, Jack Anderson, Russ Apfel, Bill Berry, Shelby Fleet, Dick Moen, and Curt Weiss. Bruce Enders, Bob Schaeffer, and Sheryl Sattler staffed the JP Committee.

Letvin envisions school taught by MIT students

(Continued from Page 1)

oped. A plan would call for such a high school to draw from the local community, the faculty would be MIT undergraduate teaching for academic credit, and possibly graduate students teaching for money. Students would probably teach no more than one hour a day, and each course would be the responsibility of a team of three students of different years in insure continuity.

Flexible and different

It would be expected that such a school would be flexible and innovative, open to all it would teach radically different principles from traditional high schools.

See the Standard Oil Company (New Jersey) people and look into wide-scope careers in oils, chemicals, plastics, cryogenics, minerals. With our 300 worldwide affiliates we’re uniquely decentralized — permitting prompt recognition of your work. Advancement can be intercompany and intra-company, worldwide and domestic with opportunity enough to last a lifetime! Make an appointment with your placement officer now to see a representative of these operating affiliates.

Would you like to start with No. 1? Humble Oil & Refining Company supplies more petroleum energy than any other U.S. oil company. We’re literally No. 1—America’s Leading Energy Company—with wide-scope career opportunities for Ph.D.s in every discipline. All phases of oil and gas exploration, production, refining, transportation, marketing and management—as well as oil and chemical research.

Humble Oil & Refining Company

Would you like to start with one of the leading chemical companies in the U.S.? In Enjay Chemical Company’s decentralized manufacturing, marketing and business operations you get the benefit of a large corporation’s resources and the environment of a small company. You will have a chance to develop a management as well as a professional career, either in Enjay’s domestic chemical activities or in the international operations of our affiliates, Esso Chemical, worldwide.

Enjay Chemical Company

Would you like to start with one of the world’s largest research companies? Esso Research and Engineering solves worldwide problems for all affiliates of Standard Oil Company (New Jersey). Wide opportunities for basic and exploratory research and development of products and processes, engineering research and process design, mechanical research.

Esso Research and Engineering Company

Would you like to start with the world’s largest production research organization? Esso Production Research Company does analysis and design for the worldwide drilling and production activities of Standard Oil Company (New Jersey) affiliates. Pioneering research in every phase of drilling and production of petroleum, natural gas and liquids. Heavy emphasis on reservoir engineering, using computers.

Esso Production Research Company
How to interview 130 companies in half an hour.

Talk to the man from General Electric. He represents 130 separate GE "companies" that deal in everything from space research to electric toothbrushes. We call them product departments. Each one is autonomous with its own management and business objectives. That's why a job at General Electric offers the kind of immediate responsibilities which you might expect to find only in a small business. Right from the start you get a chance to demonstrate your initiative and individual capabilities. And the more you show us, the faster you will move ahead. As you do, you'll find that you don't necessarily have to spend a lifetime working on the same job in the same place. We have openings all over the world. Chances are you'll get to try your hand at more than one of them. Our interviewer will be on campus soon. If you're wondering whether it's possible to find challenging work in big business, please arrange to see him. He speaks for 130 "companies."

General Electric
An equal opportunity employer

Special memory used
Apollo computers built by Instrumentation Lab

This week's initial test of the Saturn V moon rocket will employ guidance and navigation systems designed by the MIT Instrumentation Laboratory. The basic flight guidance program, built into the on-board computer, is code-named "Sohium" and was written and verified at the Instrumentation Laboratory. Sohium is an enormous, detailed sequence of coded instructions and a library of required information which is permanently built into the guidance computer.

Core rope Memories
Guidance computers employ high-density fixed core memories — tiny iron-nickel cores wove together with thousands of copper wires and encapsulated in plastic. This type of memory has the advantage of being permanent and virtually indestructible. Since each flight determines its own sorting sequence, all flight programs must be written before the memory unit can be constructed.

In keeping with Project Apollo's being named for the Greek sun god, the different programs for the various flights in the Apollo series have names related to the sun. The program for the first unmanned orbital test of the Lunar Module is code named Sun. While the S-20, a data dissemination will control the first manned orbital test.

Guidance and navigation systems in the command and lunar modules are very similar and consist of three principal subsystems: an inertial measurement unit of gyroscopes and accelerometers isolated from spacecraft motion by ceramic gimbal girders providing a stable on-board frame of reference in which spacecraft position is tracked; an internal guidance sub-system that enables astronauts to make navigational steps in space using stars and landmarks on the earth and moon; and the computer subsystem.

Core rope advantages
Core rope memory has many advantages which make it well adapted to use in spacecraft computers. A vast amount of data can be stored in a very small volume; the single cubic foot of the fixed memory portion has a capacity of 36,364 sixteen bit words. Furthermore, core rope memory is permanent; stored information is permanently fixed at the time of fabrication by the number of copper wire threads or bypass tiny magnetic stores. Dr. Richard H. Battin, Associate Director of the Instrumentation Laboratory, is in charge of the development of Flight programs for specific missions from the mission objectives set down by the Manned Spacecraft Center.

New computer
High-speed computers are used to generate and verify mission programs. The machine which handles these chores is an IBM 3690/75, which recently replaced two Honeywell 1800 machines. After the programs have been verified, computers produce reels of perforated tape which are sent to the Raytheon Co., to control and check the weaving machines. In all, it takes approximately one year to complete an Apollo flight guidance program.

Rackets Restung
Tennis & Squash Shop
67A Mt. Auburn St., Cambridge (Opp. Lowell House)
Tel. 4-8417
CAP slowed by complications of scheduling

(Continued from Page 11)

early solved. Professor Hartley explained that the interdepartmental, which now prepares the examination schedule, is programmed to avoid conflict examinations. It succeeds admirably well; out of 14,000 exams there only 100 conflicts. To place on the program the additional constraints that no person should have two finals in a single day would appear to be impossible.

When he was asked by The Tech if the experiment suggested by SCEP would alleviate this problem of two constraints by spreading the exams over nine days, Professor Hartley explained that, first of all, there was not enough time to plan any change from the old standard Reading Period for this semester—"to do anything would be greatly unfair to instructors." If SCEP's proposal were attempted for the spring term, the interference of Memorial Day would leave only eight days for exams. Further, even nine days presents problems for the program.

Value of Reading Period

If Reading Period and Exam Week were combined, he continued, there is, in effect, the elimination of Reading Period. To do so would be to decide that "Reading Period, per se, has no educational value."

When Reading Period was instituted at MIT in the 1952-1953 academic year, it was intended to allow students to "integrate the work of their courses and to prepare for final examinations." It was seen as a way for more mature and interested students to maximize their learning opportunities on an independent basis.

Following CAP's meeting Friday, Professor Hartley made a statement to The Tech. He warned that the "consensus is emphatically tentative" and that, even if approved by CAP, all decisions would have to be passed by the Committee on Examinations and then approved by the Faculty.

He interpreted the consent of the CAP to be that "If the Reading Period and the Examination Period were to be separate...we, ourselves, would clearly prefer last spring's longer Reading Period over the older, shorter Reading Period."

Seek Information

"In the next place, as we talked, we became more aware of the elements which complicated...we proposed to ask the Registrar (Warren Wells, a member of CAP, who was absent from the meeting) to try to work out the best picture he can of what actually happens in the end of term crunch." This picture of the end of the term would determine if there were patterns in exams within departments or by years, in incidence of finals, or in how many undergraduates and graduates have finals (separate concern for graduate students). Results from the fact that the SCEP report did not include a poll of graduate students, but suggested that graduate finals be given during the second week of the Examination Period.

Despite the fact that discussion of the Reading Period had been delayed, while CAP debated the question of "normal progress toward a degree" for determination of II-a determinants, Professor Hartley expressed the hope that a decision would be reached as soon as possible—perhaps at the next committee meeting Friday, Nov. 30. "Hopefully," he said, the proposal would be ready for presentation at the December meeting of the Faculty (Wednesday, Dec. 8).

Although last year's CAP gave strong support to the experiment, Professor Hartley admitted that there was opposition in the Faculty. He felt that this resulted primarily from the fact that "more things one sees as a whole around MIT...pass the rug, or the willingness to experiment was

----------

I won't go into business when I graduate because:

p. I'd lose my individuality.
q. It's graduate school (for me)
r. c. My mother wants me to be a doctor.

Can't argue with a), but before you check a), or b)-pencils up! There have been some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.

Take the behavoir that point that business turns you into a jellyfish. The men who run the scene have some changes. Draastic changes in the business scene. But changes in the way people attitude regarding business...especially on campus...just haven't kept pace.
Is there a better beer for beer?

With some beers maybe the glass doesn't matter. But when the beer is Budweiser, our beerware holds strong views.

"I like a glass with plenty of room," he says. "Size is more important than shape."

A big glass, say one thing because it holds a full bottle, is best.

A big glass gives Budweiser a chance to show off...let you pour it straight down the middle to get a full collar of foam. (Those tiny bubbles are the only beer bubbles in America that come from the natural carbonation of Beechwood Aging.)

Another thing about a big glass: it lets you guaff the beer. And who wants to sip, when the beer tastes as hearty as Budweiser?

...that's about the size of it! Choose any kind of glass you want...as long as it's big enough. (Of course, we have our own opinion on the best beer for the glass.)

**Budweiser.**
...best reason in the world to drink beer

---

**Kickers downed by Andover**

By Scott Ramos

Lack of energy and a wet field proved to be the downfall of MIT's kickers as they dropped a 3-1 decision to Phillips Andover. The host prep school displayed much more talent and enthusiasm as it took the victory.

Again it was Gerry Makiewicz who generated Tech's only score in the first half. In following a corner kick in the second quarter, Andover took the lead in the first quarter on a fine shot inside the penalty area.

In the second half, Andover took the lead and added an extra point as the engineers failed to puncture the nets again. The first of the two came when goalie Aaron Toorich was drawn out of the goal box to defend a shot, only to have it stolen and put into the nets in an almost impossible shot.

**How They Did It**

Goals

Hitchcock 2, MIT (F) 1
Phillips Andover 2, MIT (F) 1

Selling

MIT (F) 4:4 in Schelle Trophy
MIT (F) 4:6 in Priddly Trophy

**IM Council meeting scheduled for tonight**

There will be an International Council meeting tonight at 7:30 in the Varsity Club Lounge. The agenda includes a review of the season, report from fall and winter managers and election of 6th Place, squash and rifle managers.

The schedule of upcoming IM events has also been released, and is as follows:

November 7 IM Council Meeting
November 10 Hockey rosters due
November 15 Wrestling begins
November 21 Wrestling finals

**Renowned clavichordist Benson to give free concert tonight**

Joan Benson, well-known clavichordist, will give a free concert tonight in the Sala de Puerto Rico. She has been an important figure in the revival of this instrument, and has performed and lectured in many major universities.

Joan Benson, one of the world's leading clavichordists, will give a performance tonight at 8:35 in the Sala de Puerto Rico. The recital is free and open to the public.

The program lists the "Rondo" in B flat minor and "Freie Fantasie" in F sharp minor by C.P.E. Bach, "Capriccio" in D minor by W. F. Bach, and "Moderato" in B flat major by Joseph Haydn. In addition, Miss Benson will play 16th century Spanish, Italian, and Polish works, some of the earliest music written for keyboard instrument.

Although she began her career as a pianist, her searches for delicate sounds and effects in music led her to begin study of the clavichord ten years ago, and she has since become an important figure in its revival. Miss Benson has performed and lectured in major universities and museums throughout the United States and Europe. She recently returned from a tour to the Near and Far East where she encouraged the growing interest in clavichord music.

Since 1961 she has been a member of the music department at Stanford University and has appeared as guest artist for the Carmel (Calif.) Bach Festival and the Stanford Mozart Festival.

---

**THE TECH**

**ändig's winter number 2, 1970**

---

**Fresh sports**

By Scott Ramos

Lack of energy and a wet field proved to be the downfall of MIT's kickers as they dropped a 3-1 decision to Phillips Andover. The host prep school displayed much more talent and enthusiasm as it took the victory.

Again it was Gerry Makiewicz who generated Tech's only score in the first half. In following a corner kick in the second quarter, Andover took the lead in the first quarter on a fine shot inside the penalty area.

In the second half, Andover took the lead and added an extra point as the engineers failed to puncture the nets again. The first of the two came when goalie Aaron Toorich was drawn out of the goal box to defend a shot, only to have it stolen and put into the nets in an almost impossible shot.

**How They Did It**

Goals

Hitchcock 2, MIT (F) 1
Phillips Andover 2, MIT (F) 1

Selling

MIT (F) 4:4 in Schelle Trophy
MIT (F) 4:6 in Priddly Trophy

**IM Council meeting scheduled for tonight**

There will be an International Council meeting tonight at 7:30 in the Varsity Club Lounge. The agenda includes a review of the season, report from fall and winter managers and election of 6th Place, squash and rifle managers.

The schedule of upcoming IM events has also been released, and is as follows:

November 7 IM Council Meeting
November 10 Hockey rosters due
November 15 Wrestling begins
November 21 Wrestling finals

**Renowned clavichordist Benson to give free concert tonight**

Joan Benson, well-known clavichordist, will give a free concert tonight in the Sala de Puerto Rico. She has been an important figure in the revival of this instrument, and has performed and lectured in many major universities.

Joan Benson, one of the world's leading clavichordists, will give a performance tonight at 8:35 in the Sala de Puerto Rico. The recital is free and open to the public.

The program lists the "Rondo" in B flat minor and "Freie Fantasie" in F sharp minor by C.P.E. Bach, "Capriccio" in D minor by W. F. Bach, and "Moderato" in B flat major by Joseph Haydn. In addition, Miss Benson will play 16th century Spanish, Italian, and Polish works, some of the earliest music written for keyboard instrument.

Although she began her career as a pianist, her searches for delicate sounds and effects in music led her to begin study of the clavichord ten years ago, and she has since become an important figure in its revival. Miss Benson has performed and lectured in major universities and museums throughout the United States and Europe. She recently returned from a tour to the Near and Far East where she encouraged the growing interest in clavichord music.

Since 1961 she has been a member of the music department at Stanford University and has appeared as guest artist for the Carmel (Calif.) Bach Festival and the Stanford Mozart Festival.

---
Norwich edges soccermen, 2-1

By George Noveselick

The varsity kickers were edged 2-1 by Norwich in a lackluster match played Saturday on Briggs Field. The context on the whole was not well played, as both teams had trouble maintaining sustained offensive threats. The game’s three goals were all scored on penalties by the goalies, and were even more unusual in that they were all tallied by defensemen.

The Techmen played the scoreboard first, when, just before the end of the first period, John Jow '61 hit a long lead from midfield which just got past the Norwich goalie. Both teams then missed several opportunitying in the second period, and the score led at the half, 1-4.

The visitors came back to tie the score early in the third period and tallied the game-winner early in the last quarter as a play almost identical to that on which the Beavers scored earlier in the contest. Joe Karch '76’s MIT’s high scorer, was unable to compete because of the flu, and was frequently harrassed by the Tech offense.

The booted efforts were nothing by Norwich’s three goals and an often lost possession of the ball necessarily.

The nearest standout the Techmen could mention were the eight games in a row and their record to a dismal 2-9. The soccermen get a chance to get back in the winning column tomorrow against Bringham Young in which they engage Boston U. in a Greater Boston Soccer League Match. This will be the Beavers’ first home game of the season. The 7’s last game of the season was a shutout against Harward which originally scheduled for last Saturday, was postponed and will be played today at 2 pm at Harvard.

Kickers Frank Manning ‘70 [2] and George Bulley ‘62 failed to rise their arms in triumph as a kick by John Gole ‘68 goes past. This game was a short-lived, as the team from Vermont came back to win, 2-1.

Ruggers trounce Hartford, grab first win of season

The Tech ruggers grabbed their first win of the season Saturday, 35-7, as they demolished the Beavers, 19-12. The pattern of engineer play was set up from the very start as the forwards carried the opening kickoff off field and carried Hartford 60 yards for Tech’s first goal. Within five minutes the forwards streaked again, slipping in the loose for another.

Hartford then tried their luck on defense, but the Beaver forwards again put on the steam, breaking eight successful plays and scored after winning the game.

The Techmen got on the scoreboard first, when, just before the end of the first period, John Jow ‘61 hit a long lead from midfield which just got past the Norwich goalie. Both teams then missed several opportunitying in the second period, and the score led at the half, 1-4.

The visitors came back to tie the score early in the third period and tallied the game-winner early in the last quarter as a play almost identical to that on which the Beavers scored earlier in the contest. Joe Karch ‘76’s MIT’s high scorers, was unable to compete because of the flu, and was frequently harrassed by the Tech offense.

The booted efforts were nothing by Norwich’s three goals and an often lost possession of the ball necessarily.

The nearest standout the Techmen could mention were the eight games in a row and their record to a dismal 2-9. The soccermen get a chance to get back in the winning column tomorrow against Bringham Young in which they engage Boston U. in a Greater Boston Soccer League Match. This will be the Beavers’ first home game of the season. The 7’s last game of the season was a shutout against Harward which originally scheduled for last Saturday, was postponed and will be played today at 2 pm at Harvard.

Especially notable in the game was the fact that Tech lost the services of a lock in the first period, playing one man down for over three-quarters of the game.

The ruggers go for their second win Saturday against the Beaks Rugby Club in what should be the best game yet.

Bills Guarino of SOSC was the competition with a time of 1:07:12, while Tech’s Dennis Unger ‘68 finished a strong second in 1:03:43. Dale Zeikis ‘71, who finished sixth, and Al Sweeney ’67 were the other engineer emportors.

Yale won the overall competition with 34 points, followed by MIT and SOSC, which scored 33 points apiece. Harvard’s performance made a very poor showing, finishing last with a scant seven points.

The Techmen are anticipating a good spring season of five races. With the expected return of last year’s four-man first team, the team should be a strong contender in every race.