Mud Fails To Stop Freshmen
Victors In EC Field Day

Last Saturday, the long-heralded
Campus Field Day was held. Guided by the MIT C.A. (Cam¬
ronian Association) committee, the rain which falls practically on a daily basis during the winter
season was dispelled by a brave effort to organize a parade and to uphold the tradition of the
College. The first event was a series of matches between members of two classes.

The freshmen played a game of bowling, taking three of the
matches and thereby winning the title. Next on the agenda was
a croquet match, held on the grass
area adjacent to the parade. During this
activity, the freshmen made a good showing, taking three of the
matches and thereby winning the title.

As a fitting conclusion to the day's activities, the freshmen
were awarded the five points for their
croquet match, held on the grass
area adjacent to the parade. During this
activity, the freshmen made a good showing, taking three of the
matches and thereby winning the title.

Problems Of Management
Viewed At Industrial Relations Conference

A proposal for management-led
settlement was made here Friday
without ill-fortune by Leland Hazard, vice-president and
personal counsel of the Pittsburgh
Plate Glass Company.

Mr. Hazard told an audience of
business, labor and academic leaders
attending the 20th anniversary
celebration of the founding of the
Industrial Relations Section at MIT
that inflation is the great issue of our
time and that management has the
duty to act in the interest of wage
increase.

"Management must begin now to
reduce wage increases even though
we know certainly that our refusal
to pay would produce strikes," he said.

"Strikes of themselves are not
necessary...\)

"If labor leaders refrain from
striking, the credit will not disappear,
Mr. Hazard said. "It will fall all right,
but too many votes will walk hard pave-
ments,5 pledged to quash before the
New York court on the ground that
the state is improperly using the
power of the state to control private
affairs. The New Sympatheticists will
help us to find the meaning of the
settlement, and to build a theory that
they take as a whole."
editorial

The issue of responsible, representative student government is at stake. In partial reaction to various pressure groups on campus, a motion was moved and tabled at the last Tuesday meeting in the effort that the students' governing body is in favor of an event similar to Field Day, subsequent to approval of detailed plans. In addition there was indicated a desire to see strong support for such an event within the student body before it would be authorized.

Institute Committee is to be commended for bringing up the motion tabled, and for taking the motion for further consideration. It is questionable, however, as to what further support is needed beyond that which has already been shown. We hope that Institute Committee does not expect to see all of the proponent of the reestablishment of Field Day at its Thursday night meeting in Littlehale Lounge. This meeting is by a representative, responsible, student government must act on exactly what the term implies, responsible representation, and it is on this principle that the motions of Institute Committee must base their decisions. Both the Freshman Council and the officers of the Sophomore class have shown sincere interest in holding a Field Day, Since these groups are the representative bodies for the classes directly involved, their interest constitutes a mandate for the passing of the motion and the immediate consideration of plans for the eventual re- 

around mit

The MIT Synchrotron

Making satellites, or trying to, is only one way physicists are putting their knowledge to work. The knowledge in the nuclear field can be more clearly defined. This is the emission of high energy gamma rays which bombard the atom at all energy levels.

The MIT synchrotron is one of the unique features about the MIT synch lab is making satellites, or trying to, is only one way physicists are putting their knowledge to work.

The Sophomore class have shown sincere interest in holding a Field Day, However, it is the emission of high energy gamma rays which bombard the atom at all energy levels.

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The Sophomore class have shown sincere interest in holding a Field Day, However, it is the emission of high energy gamma rays which bombard the atom at all energy levels.
Research Of All Kinds At Arthur D. Little, From Golf To Iron

Is Among Oldest
A Country Devoted
Entirely To Research

By Geo Petit

In 1933, Arthur D. Little and Mr. Griffin, both MIT gradua-
tes, started Arthur D. Little, Inc., now the oldest private indus-
trial research organization in the United States. Its staff has grown to 320 people at 30 Mt. Auburn and lave at 15 Aeron at Route 2.

The company has worked on such diverse projects as the production of the atomic bomb. Today, ARL, the acronym of Arthur D. Little, Inc., is also one of the foremost research organizations in the United States. ARL's staff are such men as Dr. Bernard Vonnegut, professor of chemical engineering at MIT.

Dr. Vonnegut found some interesting ideas that tornadoes are electrical phenomena. He suggested that tornadoes are caused by electric fields in the atmosphere. Dr. Vonnegut also discovered that a minute element in the air can cause lightning. He found that there is a strong correlation between the occurrence of lightning and tornadoes.

The mechanics of lightning are still not well understood, but it is known that lightning is caused by electric charges in the atmosphere. Dr. Vonnegut points out that there is a strong correlation between the occurrence of lightning and tornadoes. He also found that a minute element in the air can cause lightning.

The final word in exotic research is undoubtedly ARL's effort into the properties of solid fuels. In recent years many nations have held their own drive on solid fuel research. Lord Braithwaite of England has asked if there might be a more practical method, one where the vonar scope would be increased. Perhaps then Lord Braithwaite of England would be interested in the performance of the solid fuel. Dr. Vonnegut points out that there is a strong correlation between the occurrence of lightning and tornadoes. He also found that a minute element in the air can cause lightning.

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MICHIELS  
(Continued from page 13)

In discussing what he called "the
sovereign influence" of strikes, Mr.
Blair said:

"The price of paying so few
wage increases will be strikes.
No one wins a strike. But this at
least is partly true. A strike which
lasts long enough (1 consider six
weeks or a while) has a consider-
able and favorable effect for a long
time. It hurts enough to be remem-
bered. Its sobering influences affect
the future, and the fact that a
strike occurred is one of the best
reasons that it will not be necessary
again—not soon.

"In any case if management is ever
willing to bargain, it is far better
to talk when the anger and the
torture it, it simply will not
accept the rules of the game.
No matter how horriblv you
torture it, it simply will not
accept the rules of the game.

The question that plagues
the vrihllle has disappeared.
But the question that plagues
the vrinkly has disappeared.

M. Jacobs, J. Steinfeld, D. Chayet,
W. Higginson

PRE-MED STUDENTS
Dr. James M. Frieder, Alpha Phi
Pre-Med, will speak on "Pre-Medical
Education at MIT" in Loebbo-row
Lounge, 16-611, this Wednesday at 5
p.m.

CATHOLIC CLUB MEETING
Father Storck from St. Steven's
Priory in Dover will speak on "Salva-
Dator in Room 7-106. They hope to sponsor
and gain inspiration from a distinguished
corp of scientists and engineers pioneer-
ing in new products, new techniques, new
processes for the security, well-being and
growth of the American public, American
industry and the Armed Forces.

If you'd like to match your skills against
true worthwhileness, you have the op-
portunity to participate in the accom-
plished, expanding professional staff with
endless opportunities for personal advan-
tages and growth.

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plishments and rewards of a continually
expanding professional staff with endless
opportunities for personal advancement
and growth . . .

As you can see, there are some great
advantages to being a Philco man.

If you want to learn more about the
opportunities of working with Philco, the
generous pension refund plan, and after
all your personal and professional
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Write today for a copy of "Your Future With Philco".

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LOOK AHEAD... and you'll choose PHILCO
Top men go to TEXACO

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BUILD A REWARDING CAREER for yourself with The Texas Company.

FIND OUT FIRST HAND the broad range of opportunities and benefits in the fields of your particular studies, made possible through TEXACO's nationwide and world-wide scope of operations.

TEXACO'S REPRESENTATIVE will be interviewing on your campus soon.

SEE "Opportunities with Texaco" booklet — and interview dates posted in your placement office.

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Chemistry MS PhD
Applied Math MS PhD
EE MS PhD
Mech Eng MS PhD
Petrol Eng MS PhD
Chemistry PhD
Geology
Physics MS PhD
Geophysics PhD
Applied Math MS PhD

Engineering
Civil Eng BS MS
Mech Eng BS MS
Mental Eng BS MS
Refining
Chem Eng BS MS

WTBS "Campus Forum" Premier Interviews MIT Assistant Treas.

The first WTBS Campus Forum program was broadcast to MIT residents last Thursday night. Mr. William Mackintosh, Assistant to the Treasurer, was interviewed on the subject of odds in dormitory services. The interview, held for Campus News Director Dave Waldbaum '59 in the studio of WTBS, was taped at 8:10 on the afternoon of the broadcast.

Mr. Mackintosh said that, in his personal opinion, there may have been some misconceptions on the nature and results of the cuts. He further stated that most of the adverse reactions of the students were the result of the fact that, due to poor communications, the dormitory residents were unaware of the planned cuts until they were actually put into effect. He said that the cuts will remain, although unpaid student staff could man desks and do cleaning if they wished. He also outlined the plan for setting up a housemaster and Resident-Tutor system in the dormitories, to be begun next year.

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This program was the first of a series of programs, to be broadcast weekly at 8:10 p.m. Thursday. Next week's Forum is planning to feature a discussion between Dean Sibley and Arnold Armitage '58, DA President, on the subject of Open House hours. The following program plans to have an interview with President James R. Killian, Jr. Further Forums will include talks with Bunker W. A. Robinson, Prof. Neil Babu, Dr. Floyd L. Whipple of the Smithsonian Observatory, and other members of the administration, faculty, and local personalities.

WTBS plans to post the subject of the week's interview in dormitory and institute buildings, with a box into which interested students may drop suggestions for questions that they would like to have put to the person interviewed. This program, according to Dave Waldbaum, is part of a new WTBS policy to increase its coverage of campus news and activities. Other activities shied into these lines include campus news reports and public announcements.

ATTENTION SPORTS WRITERS

There will be several openings for staff candidates on the Sports Board of The Tech. Anyone interested is urged to report to the newspaper office, base ment of Walker Memorial at 9:30 p.m. Wednesday, Nov. 6.

HOBBY SHOP

The first meeting of Hobby Shop will be held in Room 2-051 on Wednesday, November 6th, at 5 p.m. All invited.

SUCCESSFUL STUDENTS

in Physics, Mathematics, and Electrical Engineering are asked to join the Lincoln Laboratory scientists and engineers whose ideas have contributed to new concepts in the field of electronic air defense.

Heavy Radars
Memory Devices
Transistorized Digital Computers
Scatter Communications
Solid State
ATM (airborne early warning)
SAGE (semi-automatic ground environment)
Systems Analysis

Senior Lincoln Laboratory technical staff members will be on campus. Appointments may be made with the Placement Office.

R&D and Development
'59 Junior Prom Sees Big Turnout

Top scientists from the Institute will visit Pittsburgh on December 7 for a regional conference sponsored by the local MIT Club. Several hundred industrial and business leaders of western Pennsylvania, many of them MIT alumni, are expected to attend.

Sponsors will include President James R. Killian, Jr.; Dean E. P. Brooks of the School of Industrial Management; Dean George R. Marvans of the School of Science; Dr. J. A. Zuckerman, professor of physics; Dr. Irwin W. Sizer, head of the Department of Biology, and Dr. Morris Cohen, professor of metallurgy.

The conference is one of a series held in principal cities annually by MIT to report on new developments in science and technology. Another will be held next spring in Washington.

Reprinted from The Tech, November 5, 1957.
**Four MIT Teams Triumph In Rain Soaked All Sports Day**

The Tech varsity sailors successfully defended the Schell trophy this weekend in a closely contested battle here on the Charles. What proved to be one of the most exciting regattas of the season, the Tech sailors turned back the efforts of seven other college crews to win the trophy. In the final races, MIT edged Boston U. by only one point and Brown by only two points.

The Schell Trophy is emblematic of the New England Fall invitational regatta. The eight top teams in New England are invited to sail as well as three college crews from other associations. Cornell, R.I.P., and Wisconsin traveled to Cambridge to represent their associations. At the regatta's conclusion, New England Graduate Secretary Leonard M. Fowle introduced Professor Schell, one of the founders of sailing at MIT and on the national inter-collegiate level. Professor Schell then presented the trophy to the victorious Engineers.

Sailing for MIT were Bill Widnall '59 with crew Ole Nilssen and Dennis Fixey '59 with alternate crews Carol Evermore '60 and Bob Hopkins '60 in "B" division. Widnall totalled 107 points with three firsts, Possey gained 116 also with three firsts, both racing eleven times. Neither skipper was high point skipper in his division in the close competition, but the combined total was greater than that of all others. Ted Turner of Brown was high point skipper for the regatta with 120 points in "B" division.

**SUMMARIES:**

MIT 237; BU 236; Brown 215; Yale 117; Bowdoin 106; Coast Guard 106; Harvard 135; Cornell 119; Wisconsin 106; R.P.I. 96; Rhode Island School of Design 7.

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**Tech Varsity And JV Heavies Win**

Despite the poor footing offered by several inches of mud, an MIT back was able to convert a field goal for a 3-3 tie, and the Big Green varsity defeated the visitors 7-6. Action during the second session resembled that of the first, with the Techmen missing many goals by narrow margins.

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**Engineer Booters Defeat USCGA**

The Engineers' inside left, Dale Rhee '60, gathered in a pass from the second string contest ending in a 3-3 tie, and the Big Green varsity defeated the Beavers 7-6. Action during the second session resembled that of the first, with the Techmen making many goals by narrow margins.

The triumph brought the Engineers' record to five wins, one loss and one tie, which is quite a credit to rookie coach Charlie Battenman. The booters' next contest will be tomorrow afternoon at 2:30 with Brown here.
Rain And Mud Stop "SAE-All Star Game Before End Of Half"

Playing amidst a heavy downpour on Briggs Field last Saturday, Al-

Phoe Alpha Epilon and the intramural all star football team played in a 6-6 stalemate before the game was called in the second quarter. The wet con-
tions led both teams to have sloppy passing attacks and also prevented
any powerful ground gains. SAE Kicks Off

Receiving the opening kick off, the all star had possession of the ball for the greater part of the first quar-
ter, even though they made only one first down rushing. The ball changed
hands regularly after each series of downs until all star Chuck Supranus '58 intercepted an SAE pass on his own 40. Shortly after the Sailors' Bob Thomson '58 intercepted a pass from Walt Ackerlund '58, but a pass interference penalty gave the intramural all stars a first down. How-
ever, they failed to take advantage of this opportunity. Their ground at-
tempts were moderately successful off tackle, but the tight SAE defense effec-
tively stopped end runs.

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nerly, they failed to take advantage

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ttempts were moderately successful off tackle, but the tight SAE defense effec-
tively stopped end runs.

"I'm in a business nobody dreamed of three years ago"

"In a company that develops new ideas by the thousands," says 30-year-old William K. Cordier, manager of General Electric's Man-

Made Diamond pilot plant, "a young man's career progress need not be limited by his particular field. In my five years with Gen-

eral Electric, I've gained valuable experience in several different fields, and each assignment has helped me to move ahead. Right

now, I have an exciting job. I run the world's first diamond-making plant — a business nobody dreamed of three years ago."

Diamond Making a Reality

The job Bill Cordier holds is an important one, created because General Electric has the scientific and technical resources needed to seek out new knowledge and swiftly translate it into products that people want and need. In 1955, the company announced a major scientific breakthrough - the produc-
tion of real diamonds in the laboratory. To-

day, little more than two years later, General Electric is making and selling quantities of these diamonds for civilian and defense use.

Achieving Three-Way Progress

General Electric's ability to take on and solve big problems — in research and develop-

ment as well as every phase of production — is constantly creating challenging new op-
opportunities for the 29,000 college graduates that of the company and the nation as well.

Educational Relations, General Electric Company, Schenectady 5, New York

Test your personality power

(A Freud in the hand is worth two in the bush!)

1. Do you chase butterflies in preference to other creatures of nature?

          YES       NO

2. Do you believe that making money is evil?

          YES       NO

3. Do you think Italian movie actresses are over-rated?

          YES       NO

4. Do you think there's anything as important as taste in a cigarette?

          YES       NO

5. Do you feel that security is more desirable than challenge?

          YES       NO

6. Do you feel that security is more desirable than challenge?

          YES       NO

7. Do you refer to a half-full glass as "half-empty"?

          YES       NO

8. Do you refer to a half-full glass as "half-empty"?

          YES       NO

If you answered "No" to all questions, you ob-
aviously smoke Camel — a real cigarette. Only 6 or

7 "No" answers mean you better get onto Camels fast. Fewer than 6 "No's" and it really doesn't matter what you smoke. Anything's good enough!

But if you want a real smoke, make it Camel's. Only Camel's exclusive blend of costly tobaccos tastes so rich, smooth and mild. No won-
der more people today smoke Camels than any other cigarette. How about you?

WIN $25 CASH! Dream up your own questions for future "Personality Power" quizzes. Meet pay $25 for each question used in this college ad cam-
paign. Send questions with your name, address, college and class to: Camel Quit (Box 133), Grand Central Station, New York 17, N. Y.