Dr. Caldwell, E. E. Professor, Dies

Dr. Samuel H. Caldwell, 56, professor in the Electrical Engineering Department, died Wednesday morning at Massachusetts General Hospital where he had been taken a few hours earlier from his home at 106 Memorial Drive.

Surviving are his wife, Mrs. Elizabeth Lawless Caldwell; his mother, Mrs. Margaret Powell, Philadelphia; a brother, Thomas Caldwell, Ambler, Pa.; and five children, Samuel H. Caldwell, Jr., Marion, Ohio; Richard L. Caldwell, Alexandria, Va.; Mrs. John Dowling, Burlington, Vt.; Miss Patricia Caldwell, Cambridge, and James E. Ward, Watertown.

Funeral services will be held at 1:00 P.M. Saturday at the Plymouth Congregational Church, Belmont.

Professor Caldwell

Inscomm to Explore Mon. Frosh Quizzes, Names Chairman

By Richard Weiner

Two committee chairmen were selected this week by the executive committee of Inscomm.

Grossman will head the newly formed Student Centennial Committee which will help prepare for the spring celebration of MIT's Bicentennial birthday. The member-at-large also selected at this meeting is Jim Champion. These two, plus five others to be named later, will sit on the temporary subcommittee and plan for the centennial.

Gaffstason succeeds Vittke

Gary Gaffstason, a senior in Phi Delta Theta, will succeed Joe Vittke as chairman of the Public Relations Committee and will finish the latter's term of office through April.

Committees Report

The business of the Institute Committee meeting of October sixth consisted primarily of committee reports. The Committee on Educational Policy (SCEP), chairmaned by Rodney Routz, reported the Freshman Quiz Situation. Working with the faculty committee, SCEP is considering the merits of Monday morning quizzes, as opposed to mid-week exams. In a general meeting, seeking to ascertain Freshman reactions to the change, a questionnaire is now being circulated among the class on this subject.

SCEP Topics

In the past, SCEP has discussed the Fields Foundation grant, the foreign language program, the physics lab system, advanced studies in general, and other pertinent topics. At present Routz is looking for new sources of fresh ideas on education at Tech. Anyone interested is urged to contact SCEP at Litchfield Lounge in Walker Memorial. Students having completed one term or more at MIT are eligible.

Ideas Needed

Jerry Grossman also is seeking ideas on float parades, parades and float parades, and other events. In connection with the Centennial Celebration the third weekend in April may be celebrated at extension 2396 or Litchfield Lounge.

Seminar Planned On Racial Justice

A seminar on Racial Justice, sponsored by the Student Ministry at MIT, will be held Monday, at 5:00 P.M., in the Bush Room. The speaker will be Mr. Franklin Bennet, Jr.

The seminar will consist of a series of meetings for those interested in: 1) reading and discussing together the best current literature on the problem of racial justice; 2) hearing lectures by experts on the topic; 3) planning a trip to Atlanta between semesters to gain first-hand knowledge of the situation there and to give moral support to the student integration leaders on Atlanta campuses; and 4) studying the racial problems in Boston and MIT with the intent of taking action together to support racial justice whenever possible.

"Saturn First Space Ship"

Dr. von Braun Sets 1970 As Date For 1st. Manned Flight To, From Moon

A manned to-moon-and-back project must wait until 1970. Dr. Wernher von Braun told an overflow crowd in Kresge Auditorium Tuesday night.

All but 76 of those attending the LSC sponsored lecture had received tickets in advance while 306 were turned away and listened in the lobby.

Why Conquer Space?

In response to self-posed question, "Why Must We Conquer Space?" von Braun stated that space must be explored for the sake of scientific curiosity.

He claimed that man must seek knowledge for knowledge's sake, and that practical applications will be found afterward.

"A Good Soldier"

In reply to a question on the scientist's responsibility for his work, von Braun, head of German rocket program during WW2, cited himself as an example. "I now do what I always wanted to do," he said, "build space ships and no more."

But what would happen, he asked, if the government requested him to return to military work? "Would I have the right to say no to the Congress of the United States?" He replied that the scientist has to be a good soldier and do what is demanded of him. He said that if scientists had a right to say no, they would be "opening up a dictatorship of specialists" which would be undesirable.

Saturn Discussed

The major part of the lecture dealt with the development of the Saturn by the George L. Marshall Flight Center at Huntsville, Ala., of which von Braun is the director. The Saturn, a strictly non-military rocket, is, he said, "our biggest bet" for manned space flight. "The Saturn", von Braun claimed, "is probably the world's first true space ship."

The first model of the Saturn, the C-1, a three stage rocket, will be operational this summer. The Saturn by the George L. Marshall Flight Center at Huntsville, Ala., of which von Braun is the director. The Saturn, a strictly non-military rocket, is, he said, "our biggest bet" for manned space flight. "The Saturn", von Braun claimed, "is probably the world's first true space ship."

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Our tremendous growth is increasing the need for creative and ambitious college graduates—in both technical and non-technical fields. In the next fifteen years 750 of the 791 top management positions in the company will fall vacant—mainly through retirement. These important positions will be filled largely by men who join us now. Our carefully planned program for college graduates offers a good starting salary, major assignments at once and rapid advancement.

So why not get all the facts about the many interesting and worthwhile careers Con Edison has to offer...pick up a copy of our booklet “Con Edison—The Right Place To Build Your Future” at the Placement Office and be sure to talk with our interviewer when he comes.

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M. I. T.
OCTOBER 20

to tell you about the unusual job opportunities Con Edison can offer you.

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We Goofed!
The Tech incorrectly reported the alternates in sections 30 and 35, and they are John Hammond and Lou Adelson respectively.
The number of reserved seats at the Huxley lecture last week was 300 and not the 750 as reported.

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Voodoo To Elect Their First Lady

Announcement that we shall be studying the question of electing our candidates in both the spring and fall will be made. Our current procedure of selecting candidates for the spring one month prior to the spring ballot will be continued. The spring election will be held on the April 20 ballot, a Tuesday. The fall election will be held on the September 30 ballot, also a Tuesday. Of course it is up to you, the student to decide what action should be taken.

A 10:30 p.m. notice should be given by the President, now at least
the President, now at least
the President, now at least

The Stockholders at the annual meeting on Friday, October 7, made the following nominations for Stockholders, Officers and Directors:

STOCKHOLDERS: To hold office for five years —
Wilbur J. Bender
George P. Berry

OFFICERS:
President
Walter Humphreys
Vice President and General Counsel
S. B. Mullen
Vice President
Kenneth B. Murdock
Secretary
Archibald Coz
Treasurer
Donald P. Severance

OTHER DIRECTORS:
From the Officers or Alumni of Harvard
Elliott Perkins
Houlder Hudgins
From Harvard
S. B. Mullen
Mark H. Mullin
Class of 1961
Charles M. Warehol
Class of 1962
Class of 1963
Class of 1961
Class of 1962
Class of 1961
Class of 1962

COOP Nominations

JP, Sr. Week Elections Set

JP and Senior Committee elections will be held on Tuesday, November 8, in Buildings 10 and 2. Candidates must pick up nomination petitions at Litchfield Lounge and return them by October 28 with the signature of 10% of their classes.

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KIBITZER

A brilliant and unusual blocking dummy with perhaps only the K of hearts and East with the AJ West opened the heart Q, dummy won the trick, and strong in the enemy suit. He also hoped to find partner with more strength for his 2 heart bid, and he came to the trumps in his partner’s suit, and thereupon lost all hope of

Hoping to find the no-trump-bidding dummy with perhaps only the K of hearts and East with the AJ West opened the heart Q, dummy won the trick, and strong in the enemy suit. He also hoped to find partner with more strength for his 2 heart bid, and he came to the trumps in his partner’s suit, and thereupon lost all hope of

The Tech

The Loves of Dobie Gillis”, etc.5

Virginia meant a series of combinations to the pinkymen’s world. Published by the Student Publications Committee of THE TECH, Valley Memorial Library, 70 Memorial Drive, Cambridge 39, or University Press, 40存在一定关系或受益于社区。宽容增加了成员的接受度，同时也可能使得这一话题更具包容性，使更多的学生感到被接纳。
Fine Ending by Munch

Boston Symphony Has Fine Start

By Harry McCraw, '62

MIT devotees of fine music who had been looking forward to the opening of this year's Boston Symphony concert season were disappointed last week. A well-chosen program of two modern pieces and a classic provided a good foundation for displaying all of the finest qualities of this celebrated organization.

The neoclassical organ concerto offered a pleasing example of the unpretentious and highly cultivated art we now expect from Poulenc. The imposing organ part was impressively set forth by Berj Zamkochian, and the Barber-like string writing was equally well done.

Stravinsky's musical piquer and romp is finally given his composer's last true flush in Hearts, was somewhat of a novelty to most listeners. It turned out to be tuneful, witty, immediately ingratiating, and considerably less austere and inhibited than much of this composer's later output.

The weight of the evening finally came in the Beethoven. The Seventh Symphony is probably Munch's finest single Beethoven performance, and this he proved stunningly last Saturday night. After a tripe haltingly, the first movement developed fine rhythm and momentum, and the second movement was taken at a broad tempo that gave its tragic character full weight. I was especially pleased by Munch's large tempo contrast between the scherzo and trio in the third movement.

**Photo by Conrad Grudzinski, '64**

Shown above is a scene from the performance last Friday of a group of Indian dancers under the sponsorship of the Indian Students of Greater Boston.

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**M. A. Greenhill, mpg.**

Rosemary Receives Critics Award For Fine Photography

Lesson 1 in "How to win a Venice Film Festival Award":

First find a story, its interest or meaning is unimportant. Next get yourself relatively unknown actors and actresses, acting ability unimportant. But now comes the important point: Get yourself a director of photography who really knows his business, and you are on your way to success.

The pictures of Rosemary have done just that and have received the Critics' Award at Venice for their efforts. The story is a true case from the police files in Western Germany with a few interesting effects added. The acting, or what we would call acting, is hard to find, and it was further spoiled by dubbing in English speech instead of using subtitles.

If you want to see good dramatic acting or a thoroughly interesting story, then do not bother to make the trip over to the Beacon Hill Theater but, if you enjoy seeing interesting filming effects, then this is the picture for you.

— Gerald J. Hornik, '60

**ANOTHER FORUM**

JORDAN HALL — 775 St. cte, Huntington Ave. — BOSTON

DOORS OPEN 7:45 P.M.

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THE TECH

FALL, OCT. 14, 1960

Page 5

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**KIBITZER**

West | North | South | East
--- | --- | --- | ---
K Q 4 | 6 | AQ J 10 3 | 4K J9 64
A J 10 2 | 8 2 | 9 6 5 | 4J42
A 8 7 3 | 10 8 2 | 14 | 4K J9 64

He later made both the A and the 6 of diamonds, but this tallies only 7 tricks, an insufficient number to set the contract.

Post-mortemizing the hand, my partner (Harry S. Elliott, sitting East) suggested the play I could have defeated the contract that I had doubled into game. When declarer led the A of spades at the fourth trick, there was already sufficient information from which West could have figured out the winning play. South's bidding and play marked him with the K of diamonds (otherwise he would have enough high cards to open), the KQ of clubs (otherwise the play at the second trick would not have gone as it did), and a spade at least 5 and probably 6 long. It should therefore be apparent to West that the defense can win no more than 3 tricks in the minors and hearts and must therefore somehow get in 3 trump winners to defeat the contract. If East holds 3 trumps headed either J9 or J10, West can defeat the hand by playing a high spade under declarer's A where his is the only card, he could have defeated the contract. If East holds 6 trumps, and is headed either J9 or J10, West can defeat the hand by playing the A of spades at the first trick and the KQ of clubs at the second, as the contract would not have been defeated had it not been for these high cards.

**LETTERS:**

Dear Sir:

The problem of tables in Walker, cluttered with trays during the noon hour, has continued to grow over the past several years, until now it is often impossible to find a clear space to sit and eat your lunch. In spite of valiant efforts by the Walker staff, to keep the tables clear, most usually remain dirty trays before they have room to eat. This problem could be eliminated to a large extent if each patron would help the staff out by carrying his own tray to the rolling tables when finished with his meal. The amount of work involved in carrying away your own tray is certainly no more than is involved in removing one extra set of dirty trays, and the entire concept of cleaning up for yourself is much easier to accept.

Why not help the Walker staff keep our dining hall de- cent?

Peter R. Bankson, '61

Mr. Bankson's letter seems reasonable. Certainly the atmosphere in Walker would be greatly improved by the removal of the endless stacks of trays that accumulate during the noon hour. If the staff is too busy to do this, then why not the patrons? We propose that Walker staff encourage cafeteria users to bus their own trays.

Ed

Vol. LXXX, No. 30
October 14, 1960

On Campus with Max Shulman

(Author of "I Was a Teen-age Dwarf," "The Many Loves of Dobie Gillis," etc.)

What to Do Till the Psychiatrist Comes

Once upon a time at the University of Virginia there was a coed named, oddly enough, Virginia University who was hand- some and kindly and intelligent and ingeniously constructed and majoring in psychology. Virginia went steady with a young man on campus named, oddly enough, Oddly Enough who was supple and fair and lithe and animated and majoring in physics.

Virginia and Oddly enjoyed a romance that was as idyllic as a summer day, as placid as a millpond. Never did they fight—never, never, never!—because Virginia, who was majoring in psychology, did not believe in fighting. " Fighting," she often said, "settles nothing. The scientific way is to look calmly at the cause of the friction."

So whenever she and Oddly were on the verge of a quarrel, she used to whip out a series of ink blot tests and they would discover the true underlying cause of their dispute and deal with it in an enlightened, passionate manner. Then, the irritant removed, their romance would resume its tranquil, serene, unruffled course.

"You'll be back before your hair's dry!"

After six months of this sedate liaison, Oddly was so bored he could spit. He loved Virginia well enough, but he also believed that people in love ought to fight now and then. "It opens the pores," he said. "And besides, it's so much fun mak- ing up afterwards."

But Virginia would not be pro Oddly tried very hard. "Hey," like a banana, and your ears look face looks like a pan of worms."

"My goodness, we're hostile to- and whipped 120 Richmond car- she said, "let us examine your five Oddly tried again. "You're fa he said, and 'you'll be held. two's, and the entire concept of cleaning up for yourself is much easier to accept."

"Hrm," said Virginia though sounds like an anxiety neurosis w and a belt in the lay.

"I hate you," said Oddly. "I'll y and your toenails and your red smoke."

"Now, hold on, buster!" erie her color mounting, her nostri to your stupid head while nobody's knocking that filter, it box while there's breath in my h it's a doozy, it's a dilly, it's a word against it gets it.

"Yes," Virginia meant a head and liver, which she now c on her heel and stormed away.

Oddly brought down with all my heart," he said.

"And Marboro?" she said.

"And Marboro even more," s And they kissed and palted it and were married at Whitmanide
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NEW PRICE POLICY
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MIT devotees of fine music who had been looking forward to the opening of this year's Boston Symphony concert season were not disappointed last weekend. A well-chosen program of two modern pieces and a classic provided a good foundation for displaying all of the finest qualities of this celebrated organization.

The neo-baroque organ concerto offered a pleasing example of the unpretentious and highly cultivated art we now expect from Poulenc. The imposing organ part was impressively set forth by Berj Zamkochian, and the Barber-like string writing was equally well done.

Stravinsky's musical joker and rogatnik is finally given his comeuppance by a royal flush in Hearts, was somewhat of a novelty to many listeners. It turned out to be tuneful, witty, immediately ingratiating, and considerably less austere and inhibited than much of this composer's later output.

The weight of the evening finally fell in the Beethoven. The Seventh Symphony is probably Munch's finest single Beethoven performance, and this he proved stunningly last Saturday night. After opening a trifle haltingly, the first movement developed fine rhythm and momentum, and the second movement was taken at a broad tempo that gave its tragic character full weight. I was especially pleased by Munch's large tempo contrast between the scherzo and trio in the third movement.

SPECIAL STUDENT RATES
required, but some college is highly intelligent. A high school diploma is be an American citizen between 19...

All 57 varieties of music-lover, except the rock-and-roll fiend, will find something worth hearing this week and, thanks to the colleges, there are more plays around than seemed possible. Boston Symphony

Pre-eminent in the musical picture is, of course, the Boston Symphony. This week the Musicians are offering the Boston premier of Walter Piston's New England Sketches along with a few workhorses. No tickets, but you can always catch them on WCRB.

Opera-philes won't want to miss "Don Giovanni" which is being presented in English at Jordan Hall tonight. If you've never seen an opera, this is a good one to start with. Meanwhile "La Traviata" and "Mme Butterfly" are on film until Sunday at New England Mutual Hall.

Folk fans will have a rare opportunity this week. Miron Makos, the South African song sparrow, is headlining at Storyville until Sunday. Like all rare opportunities, this one costs. Less unusual, but equally enjoyable will be the Josh White concert at Jordan Hall tomorrow.

Dancing and Music
Robert Cohan and Matt Turney, a couple of dancers, will be pounding the floor at John Hancock Hall, also tomorrow.

Chamber music aficionados will appreciate the New York Pro Musica at Jordan Hall Sunday.

Jazz buffs should consider the Stark Kenton-Count Basie concert, Monday at Donnelly Theatre. Joe Williams will sing the blues.

Tonight night will be your last chance to see Jack Lemmon in his first serious dramatic role. The critics liked Lemmon, but "Face of a Hero" seems ineffectual at the Wilbur.

"Invitation to a March," at the Colonial through next weekend, is fairly witty and Shelley Winters does an effective job. By now, I'm sure they've smoothed out the first act.

The Harvard Dramatic Club
is opening Loeb Drama Center with "Troylus and Cressida." No one who has seen this can call Shakespeare a Pollyanna.

This weekend, take an MTA "Streetcar Named Desire" down to the Charles Playhouse. At least one critic (me) thinks this is the best play by America's best living playwright.

The Tufts Community Players themselves are in an original called "The Acceptors." The story follows a social worker in a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city. There will also be performances Sunday and next Thursday, Friday and Saturday, for you and a large Northeastern city.

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Today's Bulletin:
This is the B-52. Advanced as it may be, this airplane has one thing in common with the first war-galleys of ancient Egypt... and with the air and space vehicles of the future. Someone must chart its course. Someone must navigate it.

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Tech To Defend Sailing Trophy

As a result of the New England Intercollegiate Sailing Association team racing "A" section preliminary at Coast Guard Academy, in New London last weekend, MIT, the defending champion, is in the finals for the Fowle Trophy. Under fluky conditions, Yale edged MIT for first place by one and a quarter points, in what must be regarded as an upset.

Having already been beaten by Yale, the Tech sailors had to defeat the Harvard team in order to qualify. With fresher winds than in the Yale race, MIT placed boats in one, two, three, five order at the finish line. This gave MIT 206 points to Yale's 207 1/2.

In the "B" section of the preliminaries, held on the Charles River last weekend, Boston University finished first and Coast Guard second. The final race for the team title will be held November 12th and 13th at Coast Guard, in which the four winners of the preliminaries will vie for the Fowle Trophy. MIT has already beaten the BU team this year, but with Coast Guard sailing on home waters, and Yale also present, MIT will have a tough fight on its hands to retain title to the trophy.

Tomorrow and Sunday will be the sailing for the Denmark Trophy with MIT opposing eleven other teams at Coast Guard in the Nineteenth Annual Invitation Dinghy Regatta.

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Soccermen Lose To Tufts After Defeating Middlebury

The MIT soccer team absorbed its first defeat Wednesday after winning its third straight game last Saturday. Tufts University dealt the Techmen their loss in a double-overtime contest, 2-1. The other game, also a one-goal affair, went to MIT by a 2-1 count. Left wing Cord Olenbush, '62, scored three goals in the two encounters. Tufts' winning goal was scored by an own goal after a pass from midfield.

Olenbush had stopped a penalty kick 30 seconds after the opening gun.

The MIT scores came early in the fourth stanza. Olenbush scored first and centerforward James Tang, '63, tied the game. The Engineers missed several other goal attempts.

Tufts grabbed the second sudden-death stanza. Olenbush scored both goals for the victors Saturday, working in from the left side in the second quarter. His first came after a pass from midfield.

Scores By Himself

For the second he came in alone, handled past a lone defending man, and beat the goalie on a kick to the upper right corner of the cage. Middlebury counted its lone goal in the closing minutes.

The next varsity game is against the Air Force Academy next Saturday.

On Deck

Saturday, October 15
Cross country at New Hampshire (V&P)
Soccer (F) at Brown

Wednesday, October 19
Soccer (F) at Harvard

By Ron Baecker, '63

Three intramural football championships go on the line this weekend as the top contenders in Leagues I, II, and III square off in their final games. Play in Leagues V through VIII continues in the fourth and next-to-last weekend. The highlight encounter for the League I title pits defending Division A titlist Beta Theta (2-0) against Delta Upsilon (2-0) at 1:30, Sunday. In Leagues III, Alpha Epsilon (2-0) faces the only other remaining contender, Phi Delta Theta (1-0-1). Theta Chi (2-0) meets Sigma Nu (0-2) in a League III action, while the other contender, Phi Gamma Delta (1-1) takes on winless East Campus. Barreling playoffs, these encounters will determine the League titlists.

The showdown games in Leagues IV and V appear to be scheduled for the final weekend, October 15 and 16. League-leading Delta Tau Delta I (2-0) and Lambda Chi Alpha (2-0) in IV, Student House (2-0) and Dover Club (2-0) in V, Pi Lambda Phi (3-0) and Grind House Dinning Staff (2-0) in VI, and Phi Kappa Theta (2-0) and Delta Tau Delta II (2-0) in VII, are scheduled to meet each other over that weekend.

ATO Nears Crown

Alpha Tau Omega advanced a step further towards the League VII title last Saturday by defeating the only other main contender, Senior House II (2-1). The score was 6-0.

The ATO victory was engineered by a hard-charging defensive line and an alert defensive backfield that picked off four errant Senior House passes. The tremendous rushing pressure, exerted mainly by Bill Harper, '64, stifled the long-range passing effectiveness of Senior House quarterback Karl Joseph, '61, and reduced that team's offense to accurate bullet passes which nestled right on the yardage. The ATO secondary ably prevented any runs after these passes were completed.

TD on Pass

ATO's offense was also held well in check except for some medium-length passes from Bill Getz, '62 to Art Emmett, '61, and some fine off-tackle running by Andy Balmer, '61.

Division A Results

League 1, Beta Theta Phi, 14. Sigma Chi, 0; Delta Upsilon, 41. Tau Epsilon Phi, 0; 1IV, Delta Tau Delta I, 11; Sigma Nu, 13. Alpha Epsilon Phi, 0; 1V, Delta Tau Delta II, 11; Sigma Nu, 0; Sigma Chi, 13. Sigma Nu, 0; Senior House I, 12; Grad House Dining Staff, 8; N.R.S.A., 18; Theta Xi, 12; 111; Phi Kappa Theta, 14. Pi Lambda Phi, 0; Delta Tau Delta I, 11; Elke Kappa, 7; 111; Phi Epsilon Pi, 0; Delta Tau Delta II, 11; 111; Delta Sigma Phi, 1; Phi Delta Theta, 0; Phi Epsilon Pi, 0; Divine Epsilon, 0.

Division B Results

League 1, Student House, 8; Kappa Sigma, 0; Alpha Omega, 21. Chi Phi, 0; 1IV, Lambda Phi, 20. Phi Epsilon Pi, 0; Sigma Chi, 0; Senior House I, 12; Grad House Dining Staff, 8; N.R.S.A., 18; Theta Xi, 12; 111; Phi Kappa Theta, 14. Pi Lambda Phi, 0; Delta Tau Delta I, 11; Elke Kappa, 7; 111; Phi Delta Theta, 0; Phi Epsilon Pi, 0; Divine Epsilon, 0.

How They Did

Soccer

In League II, Middlebury 1
Tufts 3 MIT 2
MIT (F) 6 Tufts 5

Cross Country

Springfield 21 Williams 47
MIT 59
Springfield 26 MIT (F) 28
Williams 57

Golf

MIT 5 Rhode Island 2
MIT 6 Boston College 1

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Dr. McFarlan and Mr. Stadtfeld Speak on Societies

Dr. Ronald L. McFarlan, President of the Institute of Radio Engineers, the largest professional society, will speak at the Kresge Little Theatre, on Monday, at 4:15 P.M. Mr. Nicholas Stadtfeld, Jr., Chairman of the Boston Section of the American Institute of Electrical Engineers, will also be present at the meeting sponsored by the MIT Student Branch of the A.I.E.E.-I.R.E. The theme of the discussions will be the importance of professional societies to the scientist and engineer.

Dr. McFarlan received his Ph.D. in physics from the University of Chicago in 1930. He is presently a consultant to both Raytheon and DATAmatic Corp.

Mr. Stadtfeld, who received his B.S. and Professional Engineering degree from C.C.N.Y. Since 1945, he has been an Electrical Utilities Engineer with the Westinghouse Electric Corp. in Boston.

The meeting Monday will open this year's membership drive by the MIT student branch. A membership booth will be open in the lobby of Building 10, on October 17, 18, 19, 20.

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Later in the course of the Echo experiment, the scientists at Goldstone and Holmdel conducted 2-way voice communication off the balloon satellite, Goldstone transmitting at 2,390 megacycles and Holmdel at 960 megacycles.

This successful experiment opens up vast new fields of development for worldwide communication and is typical of many pioneering achievements of the Jet Propulsion Laboratory.

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ON CAMPUS INTERVIEWS
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