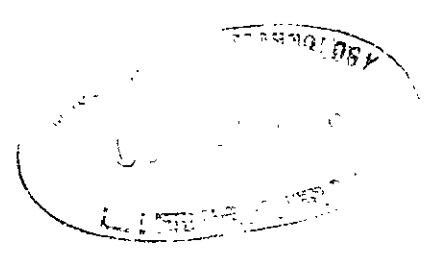
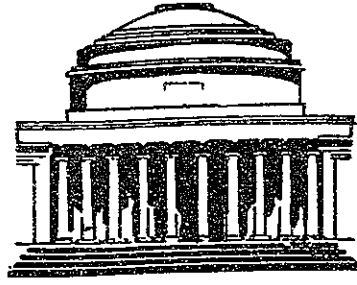


The Tech



Volume LVIII, No. 36

CAMBRIDGE, MASS., FRIDAY, OCTOBER 14, 1938

Price Five Cents

Catholic Club's Dance Tonight Carmody Plays

Dancing From Nine Until One At Affair In Walker

DANCE IS INFORMAL

Opening its social season tonight in the Walker Main Hall, the Technology Catholic Club will hold its annual Fall Acquaintance Dance. Jim Carmody and his twelve-piece band are to supply the music.

Cooperating with the Catholic Club, the Dormitory Committee announced that the dormitories will be opened to visitors from 7:00 to 11:00 this evening.

Dancing Until One

Dancing at the informal affair is to continue from nine P.M. until one A.M. In addition to dancing, the entertainment of the evening includes a drawing for a door prize and the distribution of date-books.

The purpose of the dance is to introduce the new men here to girls from the neighboring schools. To that end, students from Radcliffe, Wellesley, Tufts, Boston University, Simmons, Jackson and other nearby colleges will be present.

Catholic Club Dance Merits Open House In Dormitory

Open house will prevail in the undergraduate dormitories and the Senior House tonight from 7:00 to 11:00. The Dormitory Committee, with the approval of the Dormitory Board, announced that the action was occasioned by the Fall Acquaintance Dance in Walker Memorial tonight, sponsored by the Catholic Club.

Residents of the dorms and the Senior House yesterday received notice of the occasion as well as the regulations governing the holding of an open house in the dormitories.

Debating Society Begins Activities With Discussion

Professor Theodore Smith Explains Place Of Debate At Tech

An informal discussion on the question, Resolved, That We Pity Our Grandchildren," featured the first meeting of the Debating Society Tuesday afternoon in the West Lounge of Walker Memorial. L. Hurley Bloom, '40, chairman, and Russell T. Werby, '40, manager, discussed plans for the coming year and Professor Theodore Smith, coach of the club, delivered a

(Continued on page 3)
Debate

Field Day Dance Has Music Battle

Marion Hutton To Sing With Glenn Miller's Swing Band

A modified version of the "battle of music" will be one of the attractions of the second annual Field Day Dance, to be held October 28, in the Imperial Ballroom of the Hotel Statler. Representing swing, Glenn Miller will play, while Nye Mayhew will provide the evening's sweet music.

Appearing with Glenn Miller's organization as vocalist will be Marion Hutton, sister of the nation's number one jitterbug, Pat Hutton. Nye Mayhew will also present a female singer.

Options Now On Sale

Options are now on sale for all (Continued on page 2)
Field Day Dance

ISSUES

At the last meeting of The Institute Committee, Mr. Oswald Stewart II became quite involved in a heated discussion concerning the petition of the Beaver Key Society for some \$187.00. They wished to take this out of Oswald's reserve and contingency fund.

Now Oswald didn't want to give any of it away. The Ferret thinks that Oswald, like the traditional chairman

(Continued on page 4)
Issues

Seniors Must Get Their Yearbook Proofs Today

All those who have not called at the Technique Office, Room 309 in Walker Memorial, for their proofs are warned that they must do so before 4:30 P.M. today if their pictures are to appear in the 1939 Technique. All proofs must be returned to the Technique Office not later than Monday, October 17.

Peace Federation Meeting Will Be Held On Tuesday

Discussion Of Constitution Is Main Problem Of Evening

Calling on every school organization for support, Joseph D. Havens, '40, president of the Technology Peace Federation has scheduled a general meeting for next Tuesday, October 18 at 5:00 P.M. in the West Lounge of Walker Memorial.

Two delegates chosen from each activities group will act as the governing body at this first meeting of the year for the newest student organization at Tech. The main problem of the evening will be the consideration of the club constitution which is now before the Institute Committee for approval. Before the Peace Federa-

(Continued on page 3)
Peace

Dr. J. Perrine Gives Lecture Here Tuesday

C.P.S. Will Sponsor Talk By Noted Physicist In 10-250

TELEPHONY IS SUBJECT

Abetted by nearly a ton of electrical equipment developed through years of study and experimentation in the Bell Telephone Laboratories, Dr. J. O. Perrine of the American Telephone and Telegraph Company will present a lecture-demonstration to the students and faculty of the Institute in room 10-250 at 4:30 p.m. Tuesday, October 18.

Sponsored by the Combined Professional Societies, Dr. Perrine and his technical assistant on the lecture platform, Joseph L. Richey, will cover a multiple of fields in the course of the program, appropriately titled, "Waves, Words, and Wires." One of the highlights of the demonstration will be a loud speaker of unusual high-fidelity reproduction of sound and music.

The loud speaker, built especially for use by Dr. Perrine in his demon-

(Continued on page 3)
Dr. J. Perrine

LIST OF FRATERNITY PLEDGES

Alpha Tau Omega

- Charles F. Bien, '42
- Harry N. Blakeslee, Jr., '42
- Jim B. Childers, '42
- Robert R. Close, '42
- Harry E. Knox, Jr., '42
- Charles D. Magdick, '42
- Graham M. Richardson, G.
- Gilbert C. Thompson, '42
- John E. Uhlemann, '42

Beta Theta Pi

- Donn W. Barber, '42
- John L. Cranall, '42
- Charles N. Cresap, '42
- James H. Dinsdale, '40
- Robert C. Evans, '42
- Earle G. Foote, '42
- Edward McE. Gardiner, '41
- William A. Horton, '42
- John W. Lacy, '42
- Barney E. Mead, III, '42
- Walter A. Netsch, Jr., '43
- Richard A. Richards, '42
- John H. Shepard, '42
- Paul W. Sommer, '42
- John Y. Taylor, '42
- Edward C. Warren, '42

Chi Phi

- Richard A. Bush, '42
- Jerome T. Coe, '42
- W. Kenneth Davis, '40
- James J. Henderson, '42
- Carlton E. Miller, '42
- John J. Quinn, '42
- Franklin P. Seeley, '42

Delta Kappa Epsilon

- Frederick E. Allardt, '42
- Edward C. Cavey, Jr., '42
- James L. Erickson, '42
- Robert J. Fabacher, '42
- George A. Kelly, II, '42
- Sanford C. Peck, '42
- William H. Peiler, '42
- Edward L. Pepper, '42
- Leonard F. Poor, '42
- Charles E. Ruckstuhl, '42
- Frederick Sargent, '42
- Peter R. Scully, '42
- Edward C. Telling, '42
- Joe J. Vovey, '42
- John Walsh, '42
- Jackson B. Wells, '42

Delta Psi

- Michael Burlingham, '42
- Franklin M. Cist, '42
- Douglas K. Crawford, '42

- Frank A. Howard, Jr., '42
- G. Herndon Robinson, '42
- Charles F. B. Wilding-White, '42

Delta Tau Delta

- Lawson L. Bowers, '42
- Lowell T. Brown, '42
- Peter W. Hellige, '42
- Robert G. McAndrew, Jr., '42
- Claude M. McCord, '42
- Philip E. Phaneuf, '42
- Harold MacG. Reed, '42
- Robert S. Shaw, '42
- Raymond W. Shrewsbury, '42
- Paul N. Stamatos, '39

Delta Upsilon

- Robert W. Anderson, '42
- Albert F. Clear, '42
- Charles O. Dodson, '42
- Fletcher Gleason, '42
- Gardner S. Gould, Jr., '42
- William S. Haddock, Jr., '42
- John B. Jorgensen, '42
- Franklin D. Mabbett, '43
- Joseph H. Myers, '41
- Charles S. Ricker, '42
- Walter J. Robbie, '42
- William J. Vallette, '42
- George H. Webb, '42

Kappa Sigma

- John L. Collins, '42
- Walter E. I. Davies, '42
- Owen L. Gore, '42
- Ralph G. Mork, '41
- Fairfield N. Stone, '42
- Robert E. Wagner, '42
- William W. Zimmerman, '42

Lambda Chi Alpha

- John M. Biggs, '41
- William T. Green, '40
- Andrew F. Nagin, '42
- William L. Poole, '41
- Charles K. Raynsford, '42
- Gerard M. Shuchter, '42
- Maurice E. Taylor, '42
- Edward O. Vetter, '42
- Cecil G. Young, Jr., '41

Phi Beta Delta

- Shoal P. Berer, '42
- Robert I. Bloom, '42
- Rudolph Hurwich, '42
- Maurice N. Katz, '42
- S. Leonard Leventhal, '42
- John L. Liberman, '42
- Lloyd J. Rentner, '42
- Daniel Robbins, '42

Phi Beta Epsilon

- Leonard Drennan, Jr., '42
- William F. Hermon, '42
- Andrew H. Skinner, Jr., '42
- Edward W. Smith, Jr., '42
- Charles A. Speas, '42
- David C. Taylor, '42
- Edwin P. Van Sciver, '42
- Thomas W. Winstead, '42

Phi Delta Theta

- Vincent Bashore, '42
- William C. Colepaugh, '42
- Henry R. Dahmer, '42
- William Dudley, '42
- Arthur J. Foster, '42
- Richard R. Hydeman, '42
- Robert K. Osborne, '42
- John D. Rogers, '42
- Charles B. Steele, '42
- Richard P. Stout, '42
- John W. Swanson, Jr., '42
- Donald W. Vought, Jr., '42

Phi Gamma Delta

- Malcolm MacG. Anderson, '42
- Frederick W. Baumann, Jr., '42
- Jack D. Briggs, '42
- John S. Ewing, '42
- James Girdwood, '42
- Harry A. Helm, '42
- Carl L. McGinnis, '42
- Thomas P. McConville, '40
- Howard B. Simkins, '41
- Charles H. Smith, '42
- Frank J. Storm, '41
- Henry N. Titzler, '42
- Sheppard Y. Tyree, Jr., '42

Phi Kappa

- Joseph A. Keenan, Jr., '42
- John L. Larson, '42

Phi Kappa Sigma

- Albert H. Adams, '42
- William G. Denhard, '42
- William C. Freeman, '42
- Frederick W. Gander, '42
- Thomas E. Hicks, '42
- John E. Loveland, '42
- John L. Rothery, '42
- George T. Saathoff, '42
- William C. Schoen, '42
- John S. Stewart, Jr., '42

Phi Mu Delta

- Charles E. Bossi, '42
- Alfred T. Dengler, '42

- Robert J. Ely, '42
- Stephen J. Farrington, Jr., '42
- Andrew I. McKee, Jr., '42
- William C. Morton, '42
- John D. Silva, '42
- Benjamin C. Thorn, '41
- Duncan M. Wilson, '42

Phi Sigma Kappa

- Bruce H. Anderson, '42
- Ralph H. Baker, Jr., '42
- Rex B. Beisel, Jr., '42
- Sherman E. Crites, '41
- Fred C. Gunther, '41
- Charles A. Kalman, '41
- William J. McGarry, '42
- Carl R. Meurk, '42

Sigma Alpha Epsilon

- William P. Davison, Jr., '41
- Frederick MacL. Dierks, '42
- Robert J. Fay, '42
- Frederick C. Herzog, Jr., '41
- David J. Hixon, '41
- Hugh S. Kelly, Jr., '41
- Jack R. Lind, '42
- Wendell E. Phillips, '42
- William L. Steinwachs, '42
- Worthington S. Telford, Jr., '42
- Wendell P. Turner, Jr., '42
- George R. Urquhart, Jr., '42
- William S. Urquhart, '42
- Robert G. Vyverberg, Jr., '42
- Reece H. Wengenroth, '42

Sigma Alpha Mu

- David M. Baltimore, '42
- Henry S. Brightman, '42
- Robert H. Given, '42
- Morton E. Goulder, '42
- David Josefowitz, '41
- Irvin E. Liener, '41
- James K. Littwitz, '42
- Marvin M. May, '42
- Stanley M. Porosky, '42

Sigma Chi

- Gordon M. Bliss, '43
- Charles B. Britt, '41
- Bradford Darling, '42
- Robert Davis, '42
- John A. Finger, Jr., '42
- Lindsay Z. Fletcher, '43
- Ralph W. Garrett, '42
- John O. Giendenning, '42
- Charles L. Hall, '41
- Peter H. Leavell, '42

- Kenneth M. Leghorn, '42
- Frederick H. Olsen, '42
- James K. Pickard, '41
- Benoni O. Reynolds, '42
- Jacques Shaw, '42
- Peter L. Sibley, '42
- John E. Simonds, Jr., '42
- Charles B. Smith, '42

Sigma Nu

- Charles L. Estes, '42
- Robert V. Higdon, '42
- Frederick H. Hopewell, '42
- Herbert H. Howell, '42
- I. Warner Knight, '41
- E. Cayton Lowe, '42
- Daniel R. McNeal, '42
- Richard O. Spalding, '41
- Filo H. Turner, '41

Theta Chi

- John S. Arend, '42
- William P. Deuel, '42
- Rodman F. Flinchbaugh, '42
- Edwin B. Judd, '42
- Frank R. Meyer, 3rd, '42
- Karl E. Wenk, Jr., '42
- Philip MacK. O'Neil, '42
- Tracy Smith, Jr., '42
- Willoughby L. Taylor, '42
- William P. Van Nostrand, '42

Theta Delta Chi

- William S. L. Christensen, '42
- Robert H. Crosby, Jr., '42
- Baird Gordon, '42
- William E. Hense, '42
- Warne P. Johnson, '42
- James L. McClellan, Jr., '42
- Charles W. Schwartz, '42
- William R. Schwandt, '41
- Peter Westerveldt, '42
- Ray O. Wyland, Jr., '42

Theta Xi

- Robert E. Bailey, '41
- Richard F. Barry, '42
- Frank H. Clarke, '42
- William W. Gavin, '41
- Stephen B. Hazzard, '42
- Robert R. Imsande, '42
- Sheldou W. Kennedy, '42
- Walter M. Kneeland, '42
- Donald McDonald, '41
- Charles E. Wirsing, '42

The Tech

Vol. LVIII Friday, October 14, 1938 No. 36

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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CONSTRUCTION

MEANS JOBS

For the last eight years the employment situation has been either poor or only fair and the future in a college education has been continually doubted. The number of students has fallen off to some degree, but worst of all the morale of the students has been noticeably lower in recent years. It is practically impossible for anyone to do his best in something that takes as much whole hearted concentration, as does the work at Technology, while he is in considerable doubt about the worth of the entire venture.

Almost any sign of returning good times is pleasant to find, but most encouraging is the evident present upturn of the heavy industries, principally the building trades, brought to our attention by Professors C. B. Breed and V. B. Wilbur, of the Civil Engineering Department. Not only is it true that a great number of our graduates are employed in these heavier industries, but prosperous times for them means progress right down the entire line. Requests for men to fill positions have already begun to arrive at the Institute and some of them have not been filled because the demand was so heavy.

Just how long this trend will hold is not known as yet, but such a change from previous conditions will probably not die before June unless some of the past fears of big business materialize. It is not time to stop hedging entirely, when it comes to questions of a balance between studies that will lead to sure employment and those which might be more interesting, but a little time should tell where we are headed. We are not out in the open yet, but students should have much more confidence in themselves with this rising tide of finances.

The hurricane may have had a large local effect, government spending is no doubt being felt, but whatever is opening up the path to construction, it is a mark of confidence that should mean prosperity.

TECHNICAL JOURNALISM

AT THE INSTITUTE

In an editorial last issue on the subject of Scientific Journalism, we advocated starting a course to train men who should be able to write news stories and articles on technical advances. We stated many interesting rea-

sons why it would be advantageous to study scientific subjects along with English with the view of becoming a scientific reporter, but we seem to have been just four years too late.

Already, Course IX, working with the English Department has designed such a course of study and has graduated two students with two others at present working for this degree. The misunderstanding that was in our minds may be misleading others. It revolves around the name of Course IX. Although the degrees read General Science or General Engineering, they might as well be Special Science or Special Engineering as the students are men who have had definite ideas of a specialized training that is not given in any of the eighteen specific courses.

It was unfortunate that our editorial appeared to point out a deficiency in courses at the Institute which in fact was not present, but we hope that some of our readers have gained with us a better understanding of the possible courses of study.

RULES

FOR PARKING

A number of issues ago we offered a suggestion that we hoped would help to solve the parking situation and keep students and professors from having to look for spaces and leave their cars against the fence by Vassar Street. We suggested that more parking spaces be made available across Massachusetts Avenue where there are at present athletic fields.

The Institute, however, has worked out a solution to the problem that is much less expensive and does not necessitate moving the athletic fields. Under this system, the Service Employees, who leave their cars for most of the day, park well away from the buildings, the Staff members park next to the Institute, and the students use the intervening spaces which are a reasonable distance to walk.

Through notices to employees from President Compton, the employees have been asked to leave the better spaces for students. If students will be more careful to park in the marked spaces, there will be room for more cars in the available areas.

LETTERS TO THE EDITOR

It is indeed a sad sight to see fellow members of the class of '42 pass each other with not the slightest sign of recognition. Who knows but that in later years these same tyros may proudly say that they belong to the famous class of '42. It should be made a compulsory amendment to Freshman Regulations that members of the Freshman class, upon recognizing a fellow Freshman, by his neckwear or otherwise, must greet him verbally wherever said meeting should occur. This practice must and would create a much greater class spirit and fraternalism.

Then there are the first-year men who are ashamed of their ties or, going further, of their own class. These fellows are the ones who hide their ties under crew-neck and turtle-neck sweaters, or even risk a ducking in the Charles by not wearing the Freshman tie at all. These ties should be a pride to the owner, for they signify that he has been accepted as a man superior among men into the Massachusetts Institute of Technology. But still they won't wear the ties.

Others have not the slightest qualm about making disparaging remarks in public about other Freshmen, not personal remarks but rather as related to being a member of the class of '42. In college life it is customary to deify one's class and, inasmuch as the Massachusetts Institute of Technology lacks some of the time-worn cultural advantages that other great colleges possess, this deification of THE CLASS should be carried to a high degree here.

SAMUEL S. RUBIN, '42

To the Editor:

In the last issue of The Tech, the editorial which made a plea for the teaching of "scientific journalism" at Technology solicited my interest, and, in general, my approval. However, I should like to be permitted to add a little to the argument, because, in common with the average collegiate editorial (with due apologies) it has the flavor more of the idealistic than of the practical. It might be more digestible if seasoned with several undeniable and perhaps biting facts with which the writer of the editorial apparently was not and possibly could not have been familiar.

In the first place, scientific reporting has not "become an important feature of modern journalism," nor is there a "wide public demand for accurate and informative news about the activities of scientists . . ." There are those, most of them technical graduates, who would like to make that claim, but who realize that news of science and engineering as yet occupy only an insignificant place in the news columns. They realize too that the public must be molly-coddled and spoon-fed as far as its science news is concerned. If a semblance of a technical term is now used in an effort to convert a highly technical concept into everyday "jargon," the reader, instead of reaching for a dictionary, which he probably doesn't have anyway, turns to the back page of the paper and contents himself with Buck Rogers or Flash Gordon. Therefore, before people will ever be ready for the grandiose interpreter of science which your editorial seems to envision, they will have to be educated, first to be able to distinguish between "straight" science news and the "rake" or pseudo-scientific stories which daily make a bid to clutter up their minds, and second to realize that scientific research is destined to play as an important part in shaping the destinies of themselves and their progeny as the court-packing bill or Hitler's ultimatum.

In the second place, it should be pointed out that Technology has already taken steps toward the education of men who, as nearly as possible, will be able to combine writing ability with general technical knowledge. These men have been accommodated by Course IX-B where, under the supervision of Professor R. G. Hudson, they make their major objective "technical journalism," and are permitted to select courses which will give them a broad technical background in a variety of scientific and engineering fields and all the experience in writing which the Institute has to offer. The Class of 1936 graduated a man in this category, the Class of 1938 another, and there are two other men who have recently been converted to this new major objective.

Graduates from such a course of study should be well prepared to obtain a job, because, in addition to spots on newspapers, the way should be clear for them to join the publicity departments of industrial concerns, industrial advertising agencies, or staffs of technical journals. And, all these failing, they will still have a general technical training in about the best recognized engineering school in the country.

As the appreciation for the technological aspects of society grows, and there are indications that it will grow, it is hoped that greater provision will be made for the education of "technical journalists." And, as your editorial points out, and as Waldemar Kaempfert, ex-science editor of the New York Times, will agree, there is no better place than Technology for the origination and promotion of such a type of professional training. But the millenium for the technical journalist has not yet arrived by any means. The few who now seek careers in that field are met at every corner with sympathy, encouragement, and indulgence, but with skepticism. The idea that science should be interpreted is a new one; right now the world is taking time out to think it over.

Arthur M. York, '38

Reviews and Previews

LOEWS STATE AND ORPHEUM—**Too Hot to Handle**, pairing Myrna Loy and Clark Gable, is a graphic picture of the lives of the little-heralded men who face danger, disease, and often death, to bring events of the world to the screen. Gable plays the part of "Chris" Hunter, ace newsreel cameraman. Miss Loy portrays a famous aviatrix who crashes her plane in China on an attempted round-the-world flight. **Girls' School**, with Anne Shirley and Ralph Bellamy, is the companion film.

UPTOWN—Starting today, the double feature program includes **Carefree**, with Fred Astaire and Ginger Rogers, and **Secrets of an Actress**.

PARAMOUNT AND FENWAY—Bob Burns and Fay Bainter in **The Arkansas Traveler** alternates with Boris Karloff in **Mr. Wong, Detective**.

FINE ARTS—Now entering its sixth month at this theatre is **Moonlight Sonata**, a film which we liked not only because of its interesting story, but also for its revelation of the musical technique of Paderewski, the master pianist. A film in color showing the processing of steel is also shown.

EXETER—The current program here includes **Sky Giant** and **Rich Man, Poor Girl**.

A.E.S. Dinner Held As Society Begins Year's Activities

Bull Session Banquet Held In Hotel Brunswick To Acquaint New Comers

A gala "bull session" banquet was held at Slagle's Restaurant in the Brunswick Hotel, Boston at six o'clock last evening, inaugurating the 1938-39 season of the Technology chapter of the Aeronautical Engineering Society.

This dinner, which has become an annual affair of the society, has been very successful in the past few years not only as a means for newcomers to get acquainted with members of the organization, but also as a time to discuss pet ideas and flying with the professors in the aeronautical engineering course.

The program committee, headed by William H. Rieser, '39, presented a variety of events which had been especially planned for the evening. Many of the teaching staff of Course XVI were present to sit in at the "bull session" and discuss the more general aspects of aviation with those present.

The program committee announced that several symposiums are to be held during the current year. The first of these will be held in a downtown parlor in Boston on November nineteenth, at which time several Army pilots will be present to represent the practical side of the aviation industry.

A series of lectures sponsored by the society is to be opened by Dr. Heinrich Peters, of the Tech aeronautical course, who will speak about the new Wright Brothers Wind Tunnel at a smoker on Monday, October thirty-first.

Announcement was made of a new headquarters for the society in the Stone and Webster construction house which has been moved behind building 33 and the wind tunnel.

Field Day Dance

(Continued from page 1)

three student classifications — Community, Fraternity, and Dormitory. Options cost two dollars, and may be redeemed for the same price, making the total admission price four dollars.

When the options are redeemed tables in the barroom adjoining the Imperial ball room may be reserved. A "Field Day Bar" will also be provided.

Invitations are being sent to the following chaperones: Dr. and Mrs. Leicester F. Hamilton, Dr. and Mrs. James R. Jack, Mr. Delbert L. Rhind, and Mr. and Mrs. Horace S. Ford. Among the invited guests will be Dr. and Mrs. Karl T. Compton, Dr. Avery A. Ashdown, Mr. Jack Woods, and Dean Harold E. Lobdell.

Dartmouth Is Soccer Victor

Tech Barely Outplayed By Dartmouth Team Columbus Day

Many Positions Open For Freshman Track Managers

Putting the game on ice with a three-goal splurge in the third period, the Dartmouth soccer team defeated M.I.T., 6-3, in a hotly contested game at Coop field last Wednesday.

Dartmouth Scores First

Bailey, of Dartmouth opened the scoring in the first ten minutes of the first quarter. Herguth, of Tech made the next score, in the second quarter, with two straight goals. This left Tech ahead 2-1 at the half, and seemed to put the game in the bag for our players. But for a mishap in the third quarter, when Sosa was injured, we would have been able to hold our lead. Sosa unfortunately stayed in the game despite his injuries, and this gave Dartmouth the opportunity to make three straight goals in eight minutes.

Tech Lacked Teamwork

M.I.T. was never able to overcome this lead, and Dartmouth forged ahead to a 6-3 victory. As individuals, the Tech players were, for the most part, better men than the opposition, but as a team they lacked that unity which is a well known attribute of the New Hampshire team. An interesting sidelight of the game is the fact that our men scored more goals in this game than in the whole season last year.

The opening lineup for Tech was: Mitchell, g; Haden, Sosa, fb; Foster, Regaldo, Fernandez, hb; Collazo, Samuels, Herguth, Wu, fore. Substitutions: Kirman for Samuels, West for Collazo, and Herguth for Sosa.

The Dartmouth lineup was Johnson, g; Gidney, Bagg, backs; Case, Thompson, N. Sample, G. Sample, Galbraiths, half backs; McElroy, deSchweinitz, David, Bailey, Salom, fore.

Goals—Bailey 2, Herguth 3, Salom 2, Frondorf, David.

Forsell Urges Gym For Energetic Tech Frosh

Graham Brush, Jr., '40, manager of the Gym team, in greeting the freshmen who attended yesterday's gym rally, urged them to sign up for gym substitution immediately. The coach, Herbert G. Forsell, announced that the regular work would begin on the first Monday after Field Day, and the team would thereafter meet on Tuesdays, Thursdays, and Fridays.

In the very near future a dinner will be held for varsity and aspirants.

Dr. J. Perrine

(Continued from page 1)

strations, weighs 600 pounds and is equipped with four separate throats. The high frequency throat, small in size, and preceded by the appropriate wave filter, handles frequencies from 2,000 to 9,000 cycles per second. The middle throat and filter has a range from 200 to 5,000 cycles. The two low pitched throats, large in size, provide frequencies from 50 to 600 cycles.

Among other equipment used will be a model of Dr. Alexander Graham Bell's first telephone, and long distance telephone and broadcast circuits. While the lecture would seem to be of interest and comprehension to electrical engineers only, Dr. Perrine has handled his subject in terms that make it easy for the layman to comprehend everything that he says.

The student body has a rare privilege in being able to see and hear the program Dr. Perrine has planned

(Continued on page 4)

Dr. J. Perrine

HALL OF FAME

With the Hockey Team starting practice this week, the eyes of all Tech skating fans will be focused on George Wheeler Carnrick, Jr., '40, of Montclair, New Jersey.

Carnrick was last season's varsity goalie and distinguished himself as one of the greatest Sophomore hockey players in the Institute. He was born in the year of 1918 yet there is nothing in his calm features that would indicate birth in this war troubled year. This modest star is 5 ft., 4 1/2 in. tall and weighs 145 lbs. He has very light features which blend into his tranquil personality. However George Carnrick is not all peace and quiet but a strong fighting spirit when on the athletic field.

This star came to Tech from Northwood School, Lake Placid, N. Y., where he played hockey for the first time. He chose Technology for further study because of his great interest in Chemical Engineering.

Besides being an "all around" athlete Carnrick has cumulatively a dean's list rating in his studies and has as a hobby a keen interest in photography. He is a member of Beta Theta Pi fraternity.

Carnrick, while in his Sophomore year, won one of the six straight "T's" awarded last season in hockey. During his first year at M.I.T. he won two sets of numerals being on both the Wrestling and Freshman Lacrosse Teams. Last year as his crowning achievement in athletics he was named as "All New England" in hockey.

A goalie's job on a hockey team is a very responsible position and one which does not give much chance for the player to get into the "spotlight". However as early as in his first game at Tech George Carnrick distinguished himself "by delivering several of his 'octopus acts' successfully warding off the invaders." Still later in the season he was described as "a virtual miracle man, shedding pucks like a duck sheds water." Then before the big game with Army there appeared in a write-up discussing the probability of a Tech victory the statement that "George Carnrick would be depended on..."

So went the numerous tributes that this Sophomore star received last year. Tech is anxiously hoping for as good if not a better performance from him during this coming season.

We are indeed very happy to include modest, genial George Wheeler Carnrick, a typical Tech gentleman and athlete, in the Massachusetts Institute of Technology Sport's Hall of Fame.



GEORGE CARNRICK, JR., '40

Saturday Marks Two Track Meets

Tech Harriers Hold Second Meet Of Season With Mass. State

The track season really gets under way this Saturday when the Tech Harriers meet Massachusetts State for the second meet of the season. The four mile run will take place at Amherst at 2:30.

Lemanski Out With Injury

Although the team lost its last meet, it gained needed practice and experience, which it can use to good advantage in the meet this Saturday. The team however will be handicapped by the fact that Ed Lemanski who came in ahead of all other Tech men in the last meet, will be unable to start because of a bad leg. This handicap will be overcome to some extent, as Dan Crosby, the team's captain and mainstay, will definitely start in spite of a leg injury which kept him out of the last meet.

The line-up of the team at present of which seven will be picked to start is Dan Crosby, Lawrence Turnock, Lester Gott, Jack Wallace, Chester Ross, P. Toolin, Stanley Backer, and Olaf Rustard.

First Handicap Meet Saturday

Saturday will also see the first Handicap Meet of the season. This meet will be open to all students in the Institute. The main purpose of the meet will be try out men for various events. The events which are to be run off are the high jump, pole vault, shot put, 600 yd. run, 150 yd. dash, 75 yd. dash, and the 1 1/2 mile run. Any one wishing to take part in any of the events can sign up this afternoon on the sheets posted for that purpose in the track house. The meet will begin at 2:30.

Sailors Lose Race By Only One Point

51-50 Defeat by Cohasset Is Nautical Association's Second Loss

Cohasset defeated the M. I. T. Nautical Association with a score of 51 to 50 on the Charles last Tuesday for the second loss of the Institute sailors this year.

The first race was marked by six false starts before the gun; Cohasset's skippers recrossed the line but the three erring M. I. T. skippers sailed the whole race before realizing the premature start.

Cohasset's team consisted of Frances McElwain, the champion woman skipper, who sailed the boat her father donated to the Institute; Phillip Benzen, Ruth Chute, and Robert James. The M. I. T. quartet included Robert M. Atwater, 39, Runyon Colie, '40, Herman H. Hanson, '39, and C. Eric Olsen, Jr., '39.

Scoring for the three separate races was as follows:

	Cohasset	M. I. T.
1st Race	22	8
2nd Race	10	25
3rd Race	19	17

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Frosh Chances For Relay Good

Hedlund Optimistic Over Their Field Day Track Team

"If numbers mean anything, the Frosh have a very definite chance to win the relay race on Field Day," stated Coach Hedlund when questioned about the outcome of the struggle between the two underclasses at Tech on Field Day, Saturday, October 28.

50 Out for Frosh Team

Over fifty fellows have turned out for the freshman relay team boosting the total number higher than ever before in the history of track at Tech. Coach Hedlund waxed very favorable about the material and prophesied several excellent runners in the group. He also announced that any man with a time of 26.4 in the 220 will stand a splendid chance of being chosen for the final team.

Most of Last Year Frosh Team Back

Practically the entire squad of last year's freshmen returned for the sophomores with W. Babcock, A. Booth, J. W. Brown, L. Fykse, R. W. Hensel, A. S. Mengel, W. J. Meyers, A. Muller, L. P. Russe, E. V. Sumner, W. Welch, Lyons, Berry, E. Bishop, A. Bowker, L. T. Jester, and E. L. Little standing out in practice runs.

So far, no trial runs have been clocked; much of the time being spent in getting the men into condition and developing form and starts. The first trials will be scheduled for sometime next week when Coach Hedlund will begin the task of selecting material for his final squads.

Hockey Season Begins With Practice Today

About fifty candidates met in the East Lounge of Walker Memorial last night to sign up for the freshman and varsity hockey teams. Coach Geo. Owens announced that practice will begin today in the indoor track house. Ice practice begins November 7 at the Arena. The coach demonstrated a series of exercises designed to strengthen the muscles used in playing the game, and a few fine points of shooting and passing were outlined.

Peace

(Continued from page 1)

tion can become a recognized activity of the Institute. It must have a constitution which has been submitted by the members of the club and approved by the Institute Committee.

These activities' delegates will also work out the policy of the club and plan the year's events which were opened Friday.

Lacrosse Team Gets New Coach

Practice To Start Now With Good Year In Sight

The appointment of Robert H. Maddux (Harvard, '35) as the new lacrosse coach has resulted in the decision to start practice at once. Mr. Maddux, has for the last few years played with the Boston Lacrosse Club as well as being a veteran at this sport from his college days. In accordance with the general Practice he will be only a part time coach; insurance being his professional occupation.

The team, which has lost but one man from last year's varsity, looks forward to a very successful season.

Any freshman interested in going out for this sport should see John Alexandria, captain of the team.

Debate

(Continued from page 1)

few remarks on the position of debating at the Institute.

Those who upheld the affirmative in the debate maintained that modern civilization is bound to collapse in the near future and that our descendants will be overburdened to the point of neurosis by attempts to correlate the unconnected scientific information which we are rapidly accumulating today. Others claimed that democracy is losing its influence in modern society and, consequently, that fascism and other forms of tyranny will stifle intelligence and freedom of opportunity, thereby producing conditions unbearable from a civilized point of view. One man humorously pitied his grandchildren because, as legal heirs of a Tech man, they will start life handicapped by the burden of his unpaid bills to the Department of Laboratory Supplies.

Irving S. Levine, '40, was elected Junior class representative on the executive committee, and Samuel Omansky, '40, was elected representative for the Technology Peace Foundation. The freshmen elected Melville Nowak as manager for their debates.

The First Church of Christ, Scientist

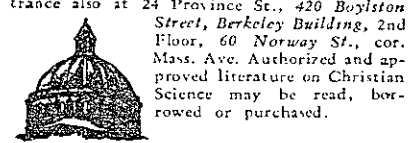
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CALENDAR

FRIDAY, OCTOBER 14

3:00 P.M. Matron's Tea—President's Home.
9:00 P.M. Tech Catholic Club Dance—Main Hall, Walker.

SATURDAY, OCTOBER 15

3:30 P.M. American Student Union—District Meet.
6:30 P.M. East Indian Dinner—Silver Room.
8:00 P.M. Menorah Club Dance—North Hall.

SUNDAY, OCTOBER 16

11:00 P.M. American Student Union District Meet.

TUESDAY, OCTOBER 18

Voo Doo on sale—Main Lobby.
5:00 P.M. Technology Peace Federation, Business Meeting — West Lounge Walker.
6:00 P.M. Faculty—Student Council—Silver Dining Room.
6:30 P.M. Heat and Ventilating Engineers Dinner—Faculty Dining Room.
6:15 P.M. Drama Club, Dinner and Meeting—Grill Room.

Dormitory Frosh Enjoy Free Beef Dinner in Walker

Prof. Leicester F. Hamilton Advises Men To Stay Out Of Trouble

"You look pretty big to me; I'm from the class of '41," remarked Willard S. Mott, welcoming that third of the Freshman Class that lives in the dormitories to a roast beef dinner staged in their honor in Walker Memorial last night.

Nicolaas Ferreira, '39, chairman of the Freshman Dormitory Committee, spoke first, urging the first year men to get acquainted with their floor and hall chairmen. "Don't feel looked down upon, just because you're a Freshman," he added. He told the gathering that if it so desired it could have a similar dinner near the end of the year but to remember "it won't be free then."

The principal speaker was Professor Leicester F. Hamilton, chairman of the Dormitory Board, who gave a brief history of the dormitories, embellishing it with the stories of some of the more interesting dormitory escapades. He cautioned the students to keep their pranks on the campus, adding that any adverse publicity brought about by a student's actions was always directed at the Institute.

Professor Hamilton also remarked that at one time there was a dormitory ruling allowing mothers in the students' rooms, but that it was repealed because "the mothers grew so young."

In conclusion Paul E. Sandorff, '39, chairman of the Dormitory Committee, urged the Freshmen to participate in activities, and Mac H. Kaplan, '42, led the group in "We Are Happy" and the "Stein Song."

T.C.A. Cabinet To Go On Outing

Old-Fashioned Bean Dinner Will Be A Big Feature Of The Trip

The T.C.A. Cabinet will spend the week-end at the Tech cabin on Lake Massapoag on their first outing of the year. The group will leave Saturday afternoon and will drive up by cars arriving in time to enjoy an old-fashioned bean dinner at a nearby farmhouse. The entire cabinet is expected to attend.

A cabinet meeting will be held Sunday morning, and the group will motor home that afternoon. A rule which will be strictly enforced is that there is to be No Smoking at the camp except in the cabin, because of the fire hazard created by the recent hurricane. The first group to come under this rule will be the math department, first to use the cabin after the storm.

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Professor Lewis Talks to A.I.Ch.E. On "Cooperation"

Chemical Engineers Told It Absolutely Necessary To Industry

"Modern industry cannot exist without cooperation," said Professor Warren K. Lewis at the annual smoker of the Technology Chapter of the American Institute of Chemical Engineers, held last Tuesday night in the North Hall of Walker Memorial.

The meeting was opened by the president, Joseph R. Weeks, Jr., '39. Old and new business was quickly run through after which the chairman introduced Professor Ernst A. Hauser who in turn introduced the principal speaker.

Dr. Lewis opened by going back into history to prove the necessity for cooperation. He proved that the Greek nation fell into a rapid decline because the Greeks could not cooperate. Similarly the Romans held sway for a long time because they knew how to cooperate.

He claimed that cooperative effort in modern industry actually gives satisfaction to the individual who does his part in the common effort. "Cooperative work gives men the inspiration to create. The man who can yield his loyalty to a cause is a man who is satisfied," concluded the Professor.

Before the meeting closed, Weeks urged all those present to join the A.I.Ch.E. if they had not already done so. After the meeting cider and doughnuts were served.

Architectural Art Exhibited at Tech

Photographic Collection Has Wide Perspective In Many Work Branches

An exhibition of photographs representative of the best American architectural work since the World War opened at Tech on Monday, October 10. The exhibition will be open to the public free of charge until the 20th of October. This is the only showing which will be in the greater Boston area.

The main part of this exhibit, because of its size, will be shown in the School of Architecture exhibition hall on the fourth floor of the new Rogers building. However, representative photographs will be shown in the Public Exhibition Hall on the first floor. Both exhibits will be open from 9 a.m. to 5 p.m. daily except Sunday.

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M.I.T. Party Scales Cliff

Outing Club Expedition Climbs Difficult Pinnacle

Five hundred feet of raw cliff bowed to six Tech men last week end, when members of the Outing Club scaled the rocky heights of "The Pinnacle" located near Huntington Ravine in the White Mountain Range. Another party climbed Mt. Washington at the same time.

"The Pinnacle" has been the goal of many another climbing party, but it was Professor William D. Allis of the Physics Department who first laid out the route to the top. Members of the Outing Club, under whose auspices the expedition was held, were divided into two parties, one to climb the Pinnacle, and the other to scale the heights of Mt. Washington. The Pinnacle party itself was divided into two groups of three men each, one under the direction of Al Sargent, '39, and the other under the direction of Ken Davis, '41. The party was seriously impeded in a number of places by trees blown over the trail by the recent hurricane, so the night was spent by four of the men in a shelter near Hermit Lake by Intervale.

Summit Covered by Clouds and Ice
The Party that scaled the heights of Mt. Washington, according to John D. Dettleson, '39, reported that the summit was obscured by clouds and partially covered with ice and frost.

The Outing Club has extensive plans for the next weekend. There will be a freshman canoe trip this Saturday in conjunction with the Radcliffe Outing Club. All interested freshmen are urged to sign up on the bulletin board in the Main Lobby before Saturday.

This Sunday a practice rock climbing expedition will scale some of the hills at Rattlesnake Cliff in the Blue Hills, with Al Sargent '39, in charge.

Plans are in progress to provide activities for the members on every weekend this term.

Dr. J. Perrine

for them, for aside from the fact that the lecture itself is worthy of high consideration, Dr. Perrine himself is a man of no small renown. Entering the department of Development and Research of the American Telephone and Telegraph Company from the faculty of Yale University in 1921, he was made associate editor of the Bell System Technical Journal in 1925 and now takes the role of spokesman for the many research and operating men associated with voice transmission in the Bell System. He holds degrees from Iowa, Michigan and Cornell Universities.

Assisting Dr. Perrine, Mr. Richey is well qualified in this field as well. He has served three years as chief radio man in the American Telephone and Telegraph Company's trans-oceanic radio transmitting station, Houlton, Me., and from 1929 to 1937 was chief technical operator of all overseas telephone services out of New York.

The lecture, which will last nearly two hours, is open to all students and faculty of all departments in the Institute, and, while nothing definite has been planned, the overflow crowd expected may necessitate another lecture later in the evening.

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M. Arnold Wight, Jr.
Paul W. Witherell
Hollis G. Wright

Issues

(Continued from page 1)

of the budget committee, wants to see how much of his money he can keep in the bank. Oswald said that the drain on the reserve might handicap the Institute Committee in case of emergency. One member of the Institute Committee asked Oswald how much he had in this reserve which could not afford \$187.00 for the intramural athletics of the Dorms, Commuters, and Fraternities combined. Oswald looked a little queer and said he didn't know.

Of course if Oswald didn't know, how could he know whether or not he could afford \$187.00. Well, The Ferret thinks it's his duty to tell Oswald that he has in the realm of \$15,000-\$18,000

and that he need not worry about a future emergency that this small dab might save. Of course, the Ferret doesn't know exactly how much Oswald has because Oswald keeps the books. He, however, suggests that the above chairman find out and report to the Institute Committee so the Institute Committee will have some idea as to how much they have. Or could it be that Ozzie doesn't want them to know?

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