

Prom Committee Secures Theatrical Star to be the Technology "Prom Girl"

LEADING GIRL OF BOSTON SHOW WILL GRACE 1930 PROM

This Year's Ball Will be First
in Institute History to
Have "Prom Girl"

NAME OF GIRL SECRET

Although admitting part of their plans to the effect that a "Prom Girl" will grace this year's ball the Committee still refuses to tell whom the personage will be, except that she will be the star of some show that will be playing in Boston the night of the Prom.

Interest in the Ball has been greatly increased due to this unprecedented innovation of the Committee. Never before has a Technology Junior Prom boasted of a "Prom Girl" and from indications this year's should be better than ever. "The Girl" will come as a guest of one of the members of the Committee, but who is to be the lucky person also remains a deep secret.

Practically 200 tickets have been sold for the Prom including those who signed-up in the campaign. Many of these signups have already been redeemed and from all indications a larger number than ever will be at the Prom. Redemption will continue today and tomorrow in the Main Lobby from 9 until 3 o'clock.

Those desiring to make table reservations should do so as soon as possible as good accommodations are in great demand. Practically all of the tables for two have been taken but the Committee may be able to secure more if necessary. Several separate rooms have been reserved for large parties. Three of these have been taken by the Phi Kappa Sigma, Psi Delta, and Theta Chi fraternities.

Chaperons for the Ball have been announced as follows: President Samuel W. Stratton, Professor and Mrs. James R. Jack, Mr. and Mrs. Horace S. Ford, Mr. Morris A. Pariss, and Mrs. Gill.

DORM MEN PRESENT DANCE ON MARCH 1

Hour Advanced to 9:30 to Permit
Attendance at Tech Show
Before Dance

Once again, among colorful surroundings in the North Hall of Walker Memorial, the residents of the dormitories will make merry, when on March 1, the third Dorm Dance of the year is held. Preparations for the event are proceeding rapidly, and the Committee in charge, headed by Juel H. Lensch '30, promises an even better dance than the two highly successful ones already held this year.

Dancing will begin at 9:30 o'clock and will continue until 2 o'clock. A change in the time of starting, which had previously been announced as 8 o'clock, was considered advisable as it will allow men who plan to see the Tech Show on this same evening to attend the Dance later in the evening. Music for the event will be furnished by the Collegian Ramblers, the same orchestra which proved so popular at the two previous affairs.

LIEUT. THOMAS SAILS TO PARIS ON LEAVE

Lieutenant Reginald D. Thomas, representative of the U. S. Navy aviation unit at the Institute, has been granted 6 weeks leave of absence from the navy and sailed for Paris last week. Probably he will not resume his work at Technology upon his return. Lt. George B. Stevens and Lt. George C. Haberley of the Squantum Air Station are assuming his duties at the present time.

Liberal Club Will Hold Educational Symposium Today

Institute Professors to Speak
of Methods in Foreign
Universities

As a climax to the lengthy discussion held in the columns of THE TECH concerning an editorial entitled "Blind Braggadocio," the Liberal Club today presents a symposium on "American vs. European Educational Methods." Four speakers will address the meeting, and will present both sides of this controversial subject.

The speakers will be Professor Frederick G. Keyes, head of the Department of Chemistry; Professor Manuel S. Vallarta '21 of the Physics Department; Professor Joseph W. Barker '16 of the Electrical Engineering Department; and a fourth speaker whose name has not as yet been announced. All these men are very well known at the Institute, and their opinions are considered to be of the highest value.

Professor Keyes is well known as a chemist, and has made many important discoveries abroad and at present occupies the post of head of the Chemistry Department and director of the Research Laboratory of Physical Chemistry.

Professor Vallarta recently spent a year in Europe, principally in Berlin and Leipzig, as a Guggenheim Fellow, and he therefore has an ample fund of knowledge of the subject on which he is to speak.

Professor Barker is a prominent member of the staff of the Electrical Engineering Department. He spent some time abroad and is well known as a speaker about the Institute.

PREPARATIONS BEGIN FOR OPEN HOUSE DAY

President Stratton Appoints
Committees in Charge

Preparations for Technology's annual "Open House" have been officially started by the appointment of a staff committee by President Samuel W. Stratton.

The organization this year will consist of four major committees: the Executive and Financial Committee of which Col. Locke is chairman; the Exhibit Committee; the Program and Publicity Committee; and the Reception Committee.

The Technique Rush, to be held on the same day, is expected to add to the enjoyment of the spectators. All activities are requested by the Committee to keep this date open, and to commence preparations for their respective exhibits.

FRATERNITIES OPEN BASKETBALL SEASON

First Contests to Take Place
After Junior Promenade

Interfraternity basketball is being organized now so that the season will open soon. The schedule of the games will be presented to Interfraternity Conference by John Hanley '30 who is in charge of the competition. The first games will be played immediately after the Junior Prom.

Practice will begin as soon as possible in all the fraternities so that the season may be under way and finished in a short time. The bowling contests must also be played before the baseball season opens in order for all the games to be finished by final exams. The Varsity five have games the latter part of this week so it is not possible to start the games immediately.

Dorm Goblin Inspires Telephones With Music

Telephones in the new dorms were put to a strange use on Friday night when upon lifting off the receiver one could hear the music of a radio. The receiver was a perfect loud speaker and filled each room with melodies. The dorm goblin had been playing with the telephones after the dormitory telephone service had been discontinued at 11 o'clock. He had succeeded in connecting the wires so that all could enjoy the sounds emitted from one radio set.

Fire crackers and matches were tied inside of several rooms so that when the occupant entered the matches would strike on the floor and ignite the fuse. The greeting of an exploding salute welcomed many as they stepped into their rooms.

ELECTIONS TO VI-A PUBLICATIONS HELD

Meyers Elected General Manager
of "Sparks", Annual
of VI-A Men

Members of the co-operative electrical engineering course, VI-A, held their regular semester meeting on Friday, February 15. The purpose of the meeting was to elect men to the staff of VI-A News and to the board of Sparks, which is the course annual, to select a committee to stage a VI-A exhibition on Open House Night and to discuss social affairs of the course.

Hexalpha, student executive body of VI-A, announced that a smoker was planned for the near future. A VI-A dance, to be held near the first of May and to be called the Graduate Promenade in honor of the fifth year graduating class, was proposed. The plan was accepted by an overwhelming majority.

G. J. Meyers, Jr., '29, was elected General Manager of Sparks. Meyers has had previous experience on literary publications. A. E. Friebance '29, who was elected Editor-in-chief of VI-A News, has had experience on that publication. H. E. Curtis G. C. T. Prendergast G. S. J. Levine '29, and W. A. Key '29, were selected for the Open House Night Committee.

TECH SHOW TICKETS REDUCED 50 PERCENT

Public Sale Begins Next Monday
in Main Lobby of Institute

Frank P. Nettleton '30, Business Manager of Tech Show 1929, announces that rigid economies in the finances of this year's production have made possible a 50% reduction in the price of tickets over those of last year.

The program alone represents a considerable saving because of an increased number of advertisements and a smaller printing cost, only slightly over 3000 copies having been made up. Returns of ticket sales have been coming in during the past week and the number still to be sold is rather large. Tickets for the performances on March 1 and 2 will be placed on sale at the Institute one week from today. Those who wish the pick of the seats are advised to apply by mail or in person to the Show office as soon as possible.

Rehearsals have been progressing well during the past week. Rehearsals of the production in its entirety will be held tonight and tomorrow night in Walker and Wednesday night at the Statler. The last two will be dress rehearsals. The Show has a number of actors of considerable merit, among whom are: Anthony Standen G., appearing in "The Cook's Tour" as the super-dignified Mrs. Smith (nee Lowell); Richard S. Pollack '31 and Maurice Cook '32, the comedy pair who take part in both "Nantasket Beach" and "The Cook's Tour"; Robert P. Parker '31, who takes the part of little Wwendolyn in "Bon Voyage"; and Churchill C. Condie '32, who takes the part of the Topsy Archimedes in "The Old Oil."

Gifts Totaling Almost \$1,000,000 Announced at Banquet of Alumni

Present Third of Whiting Concerts Tuesday Evening

Mr. A. Compinsky, Violinello,
Mr. M. Compinsky, Violin,
Will Assist

Arthur Whiting, one of the leading interpreters of music, will present the third concert in the series that is being offered this year in Room 10-250 on Tuesday, February 19 at 8:15 o'clock. Manuel Compinsky, Violin, and Alec Compinsky, Violinello, will assist Mr. Whiting in presenting the program.

This series is the fourth that Mr. Whiting has given at the Institute in the past four years. Through these concerts, he has attempted to illustrate the various trends of musical thought and its development since the earlier periods. Preceding each selection, Mr. Whiting gives a brief explanation of it and a short analysis of the theme.

While these concerts are especially for members of the student body, members of the Faculty are invited to attend. Tomorrow night, Mr. Whiting will present the following program:

- Brahms, 1833-1897—Trio, C Major, op. 87.
- I Allegro.
- II Andante con moto.
- III Scherzo (Presto).
- IV Allegro Giocoso.
- Schubert, 1797-1828—Trio, B. Flat, op. 99.
- I Allegro moderato.
- II Andante.
- III Scherzo (Allegro).
- IV Rondo (Allegro vivace).

INITIATION BANQUET HELD BY THETA TAU

Ralph Vezin Elected Regent on
Resignation of Yates

M. I. T. Chapter of Theta Tau, the national honorary professional engineering fraternity, held a formal initiation banquet at the University Club last Thursday evening.

Professor J. R. Jack, of the Naval Architecture Department, was the toastmaster at the dinner. The principal speaker of the evening was Professor Dean A. Fales '14, of the Mechanical Engineering Department, and a short talk was also given by Charles L. Petze Jr., Research Assistant in the same department.

Edward A. Yates '29, resigned as Regent of the chapter after serving as chairman of the banquet committee. New elections were immediately held, resulting in the choice of Ralph Vezin '29 as Regent, and Robert Y. Barbour '29 as Vice-Regent.

INSTITUTE GRADUATE ANNOUNCES NUPTIALS

Announcement was recently made in New York of the engagement of Miss Laura W. Graham of Georgia to Harold F. Hunter, '22, a graduate of the mechanical engineering department of the Institute.

Hunter entered Technology from Philips Andover Academy. During the war, he served in Florida as ensign in the naval air forces and he is now working in Georgia as a construction engineer.

CIVIL ENGINEERS TO HOLD JOINT MEETING

Harvard, M.I.T., Northeastern, and Tufts' student Civil Engineering societies will hold a joint meeting with the Boston Section of the American Society of Civil Engineers at Tremont Temple, Wednesday, February 20. A buffet supper for which the charge is 35 cents will be served at 6:15 o'clock. After this an illustrated talk will be given about a large hydro-electric project which is being constructed in New York State.

PRESENT NEEDS OF INSTITUTE SPOKEN OF BY PRESIDENT

Stratton Tells of Qualifications
Demanded by Employers
of Graduates

ACTIVITIES IMPORTANT

Announcement of gifts to the Institute totaling nearly \$1,000,000 since July 1, 1928 was made by President Samuel Stratton at the annual Alumni Association banquet held at the Hotel Statler Saturday night. These donations include \$65,000 from Alfred P. Sloan Jr., '95 who made possible the construction of the new Internal Combustion Laboratory, and \$100,000 from an anonymous donor for construction and maintenance of an hydraulics laboratory.

President Stratton, the first speaker of the evening, was introduced by the toastmaster and President of the Association, Alexander Macomber '07. The most urgent needs of the Institute, said President Stratton, "are completion of the dormitory group and the provision of one for the graduate students, a gymnasium, and an auditorium where lectures and conventions may be held. Needed in connection with the work of instructing are an endowment for graduate instruction and research in the field of science, a laboratory for graduate instruction and research in chemistry and physics, a towing tank for use in connection with the work in naval architecture and a graduate laboratory for use in hydraulics," he said.

Dr. Stratton declared that the increasing number of candidates for master's degrees is evidence that many men feel the necessity for a more comprehensive training than can be given in four years at Technology. The Institute believes in a thorough foundation of mathematics and other basic courses even at the expense of technical subjects, he said. "This sacrifice must be accepted by industry and the engineering profession, and must be compensated for by the establishment of cooperative courses and student apprentice systems. There are many advocates of five year courses as a solution to the problem, (Continued on Page 4)

RAILROAD ISSUE OF T.E.N. OUT TODAY

Pictorial Section Illustrates
Many Different Types
of Locomotives

Devoted almost entirely to discussions of problems in railroad operation and engineering, the Railroad Issue of Tech Engineering News appears upon the stands today. This number is the first to be presented by the newly elected Managing Board.

"Modern Freight Transportation" is a thorough inquiry into the methods of freight handling in use today, and contains a detailed discussion of a new car retarder recently developed.

M. Georges Claude, distinguished French scientist and inventor, who recently spoke at the Institute, contributes an article of general interest, "Ideas of an Inventor". He discusses in an entertaining manner some of the perplexing problems which confront the inventor.

Professor J. B. Babcock '10, of the Civil Engineering Department at the Institute, is the author of "Automatic Train Control" a comprehensive article on modern methods of train handling. The pictorial section, contains interesting photographs and descriptions of various types of steam, oil-electric, and gas-electric locomotives.

A Record of Continuous News Service for 48 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Table with columns for MANAGING BOARD, ASSOCIATE BOARD, EDITORIAL DEPARTMENT, BUSINESS DEPARTMENT, and STAFF. Lists names and titles of various department members.

In charge of this issue: Elmer W. Harmon '30, M. S. Hathaway '32

POSTAL GRADUATE STUDY

WITHOUT a doubt it is the consensus of opinion among the educational authorities of this country that a graduate from a college or university should continue his studies after graduation.

"Continue your study when you get into business," we are constantly advised. Obviously a good idea, but how is the Institute aiding its graduates in the pursuit of this knowledge?

When one mentions "Correspondence Schools", the readers inevitably vision those which offer beautifully illuminated diplomas for swimming, or those which advertise "Learn to Fly by Mail".

Notable among these is the Alumni University of the University of Michigan. Established during the administration of the recently resigned President Clarence C. Little, this department furnishes a vehicle for keeping up the alumni interest in the school.

The curve of learning ability in an adult reaches its maximum at the age of twenty-five, which is a few years after the average individual graduates. While there is a gradual drop after this point, psychologists corroborate the experimental evidence accumulated by educators in saying that at the age of forty-five a man is even more able to learn than when he was only eighteen.

Another phase of this same matter is afforded by the man who has to leave the Institute for a time. Cases of this sort are many—lack of funds is a common cause for such departures, illness is responsible for some absences, and even faculty action for others.

The character of the subjects at the Institute makes it too easy to forget during even a short absence—a few courses of study conscientiously pursued would obviate the regrettable lapse on returning.

We hope that when the Curricula Committee next makes any recommendations to the Faculty, this matter will be given due consideration. This group may have difficulty in gathering substantiated evidence on teaching methods and courses of study, but here is a concrete proposition, amply tested, and not found wanting.

A SYMPOSIUM

WE are gratified to find the great interest exhibited by the students in the question of educational methods. Since the series of letters and editorials on the subject, printed recently in THE TECH, we have heard more expressions of opinion on matters of education than at any other time during our four years at the Institute.

The problem of educational methods is, if not the most important, at least one of the major questions facing the educators. We therefore congratulate the Liberal Club on its fine action in organizing a student forum. Discussion on this vital problem together with a comparative study of educational methods in American and European universities will without a doubt further an understanding of the situation.

As We See the Movies

Richard Dix does a wonderful piece of acting in "Redskin," at the Metropolitan this week, but unfortunately, his efforts and those of the rest of the cast are nearly in vain due to the poor quality of the picture.

The picture shows the Indian superstitions and customs as they supposedly have existed to this day, in a vivid and convincing manner, bringing out their beliefs, their tribal feelings of hate, and giving in all an intimate picture of their life.

Wingfoot, played by Richard Dix, is the son of a Navajo chief. He is torn away from his people and forced to attend a "white" school, becomes the famous conventional college athlete, and then, an outsider in white society, and disgusted with their life, he returns to his people.

Glady's Belmont, Tully Marshall, Jane Novak, and Novle Johnson take leading roles in the film.

Donald Ogden Stewart, making his debut as a film comedian, makes his debut as a film comedian, making his debut as a film comedian, making his debut as a film comedian.

Away from the Grind

BETA THETA PI The chapter deeply regrets the death of its house mother Mrs. Kelley. Her death occurred last Tuesday. She had been the house mother for the past 12 years and will be greatly missed.

Pre-initiations week began last night. It will continue until Saturday night when it will be concluded by the formal initiation ceremonies.

CHI PHI No news is reported from Chi Phi, although some explanation would be desirable for that LaSalle sport touring car. Is it, as the Lounge suggests, an accessory to a fur coat.

DELTA KAPPA EPSILON The formal initiation and initiation banquet of Delta Kappa Epsilon took place last Saturday night.

LAMDA CHI ALPHA The informal initiation of Lamda Chi Alpha was concluded last Saturday night. The three formal degrees will be given one each Monday beginning tonight.

PHI GAMMA DELTA Preparations are being made by a goodly number for the Junior Prom. Meeting trains promises to be a major activity this week.

PSI DELTA Plans for the Junior Prom include a small dinner at the chapter house Thursday evening before the Prom. A dozen or more from the chapter expect to attend the Prom.

SIGMA NU The formal initiation banquet was held last Saturday night at Longwood Towers. After the banquet many groups attended downtown theaters.

Somewhat in the line of an all-inclusive Technology interfraternity dance, but embodying all the good features of the big brawls with none of the disadvantages, was the Valentine Party at the Kappa Gamma Chi house, 202 Bay State Road.

The party was characterized by good music, good girls, and good food. It was attended by Beta's, Sigma Nu's, Deke's, Phi Beta's, A. T. O.'s, and Phi Kap's.

SIGMA CHI Eight pledges of Sigma Chi changed their pledge-buttons for pins on last Saturday, when the formal initiation took place at the Chapter house. The

The Open Forum

Feb. 15, 1929

To the Editor of THE TECH Dear Sir:

I read with interest the editorial in today's issue of THE TECH titled "Out With the Old." It interests me to find that some one dares express their dissatisfaction with the present program at the Institute.

But here is what I am driving at. French, German, and perhaps even Spanish are useful studies to be pursued in an Institute but (yes, I am a Frosh) what has M. S. got to do with getting an education?

I guess it will not be wise for me to say more, but here is a suggestion. If you earnestly desire to have a little Spanish, why not propose to substitute it for drill?

P. S. Why not ask the Freshmen what they think of the Freshman Rules? At present they do not translate to the Freshmen what they are intended for.

Professor Tryon Leaves M.I.T. for Southern Travel

Previous Trip Was a Complete Success—Will be Away For a Month

Having returned just before Christmas from an extended visit to Southern institutions of learning, Dr. J. L. Tryon, newly appointed Admissions Officer, is again in the South on a similar mission.

The last trip did not include all the colleges and universities in the South, but Dr. Tryon reported most cordial and hospitable receptions at all the places he stopped.

Professor Tryon left Boston on February 5th, and his correspondence since that time tell of his visiting a number of schools already. These include, in the order named, Alabama (Continued on Page 4)

initiation ceremony came after a week of strenuous, very strenuous, activity and was attended by many alumni and representatives from neighboring chapters.

After the ceremony a banquet was held at the Kenmore hotel at which time speeches were given by John B. McPherson, advisor of the province, Capt. Clayton M. Simmers '05, and Dr. Phillips.

The eight initiates were: James M. Dunlap, John B. Tucker, Robert A. Fuller, Kenneth H. Klopp, Otway W. Rash, Edward D. Stevens, Theodore R. Heim, and John G. Cree.

THE EDITORIAL SPECULUM

Anent "The Open Forum" which appears in the next column, we are glad to see that another freshman knows what he wants and isn't afraid to say so.

However, we would take exception to his statements about Spanish. With the trend in business turning so surely towards Latin-American trade, a speaking knowledge of the language spoken almost universally south of the equator would seem a distinct help to the engineer there.

Having listened to the jabbering Italian workmen on construction jobs, we wonder if any classical Italian as learned in school would aid in understanding them.

We should be only too glad of any signed expressions of opinions of this sort from anyone in the Institute. If any other of you freshmen are uncertain about rules, why not give us your queries?

Play Directory

- Stage COLONIAL: "Billie". Snappy, clean Cohan comedy. Seventh week. COPLEY: "The Whispering Gallery". Murders galore and plenty of excitement in an artist's studio. PLYMOUTH: "The Jealous Moon". Jane Cowl in a colorful and fantastic piece of eighteenth century Venice. MAJESTIC: "The War Song". A song-plugger sent to war against his will, but proving his courage of course. George Jessel acts splendidly. REPERTORY: "The Crocodile Chuckles". First time on a professional stage of a sprightly comedy of marital entanglements. First two acts take place in a sunken submarine. ST. JAMES: "Line Time". An older Jane Cowl hit presented well by the Keith-Albee players. SHUBERT: "Greenwich Village Folies". Noisy and pretentious, yet entertaining edition of the well-known revue. Dr. Rockwell cracks wise. WILBUR: "The Trial of Mary Dugan". Excellent melodrama of a Follies girl on trial for her life. The curtain is never lowered. Don't miss it. THE BARN: "S. S. Tenebity". The Experimental theatre presents a success of a decade ago. Action is at a seashore inn. Screen LOEW'S STATE: "The Flying Fleet". Ramon Novarro in the usual Novarro production. Good entertainment. METROPOLITAN: "Redskin". Richard Dix wrapped up in a blanket. Done in sound and color. Reviewed in this issue. FENWAY and OLYMPIA: "The Wolf of Wall Street". George Bancroft and Baclanova in a powerful drama.

Advertisement for Tuxedos. Text: ALL SET FOR THE JUNIOR PROM? New TUXEDOS FOR HIRE \$1.50 AND UP. Includes an image of a tuxedo and contact information for Read & White.

FRESHMAN MITMEN OVERWHELM BRUINS HOCKEY TEAM STARTS MAINE INVASION WITH A WIN

VARSITY SUFFERS DEFEAT AT HANDS OF BROWN BEAR

Draw by DerMarderosian Saves Engineer Wrestlers from Bad Shut-out

FRESHMEN WIN 30 to 10

Every Match in First Year Meet is Won by Fall—Beavers Take Six Bout

Last Friday night the Varsity matmen lost their third meet to the strong Brown team by the score of 27½ to 1½ in the Brown gymnasium. The Brown bears were able to take every match except that of DerMarderosian who was awarded a draw. The Brown matmen took three decisions and three falls, making their fastest fall in the unlimited after 20 seconds of wrestling.

First on the mat was Chibas against Gordon, the Brown 115 pounder, and Gordon won by the large time advantage of 8 minutes and 25 seconds, Chibas being unable to break the Brown matman's hold. Perkins, M.I.T., lost to Stein in the 125-pound class in the second match of the evening by the time advantage of 7 minutes and 38 seconds. Perkins was handicapped by a bad cold, and did very well holding his man from a fall.

Basinger Wrestles Well
Meeting Anderton in his first Varsity meet, Basinger lost the 135-pound bout by a fall after 7 minutes and 32 seconds by a crotch hold. Basinger did well in his first meet, and the experience will undoubtedly improve him for the remaining meets. One of the biggest disappointments of the meet came when DerMarderosian was given a draw in his fray with Alper, the Brown 145 pounder, after an overtime period. However, Captain DerMarderosian is still undefeated, and expects to finish the season an Intercollegiate champion.

Piling up a large time advantage over the Technology matman, Dimond was able to get the decision over Pittbladdo in the 155-pound class after a hard fought match, in which both men showed considerable ability. The match was fast, but Pittbladdo was unable to break the Bear grappler's hold, losing by 8 minutes and 55 seconds. Probably the closest

match of the evening followed when Stone, Cardinal and Gray 165 pounder, lost to Wentworth by a small time decision, after having almost pinned his man twice. Wentworth won by a three minute and 10 second advantage.

Cornsweet Brothers Win

In the last two bouts, Easley and Gordon were defeated by the Cornsweet brothers in the fast time of fifty and twenty seconds respectively. Easley lost to the Brown grappler, when he was pinned to the mat with an arm and body hold shortly after the match had started. His brother bettered this record when he pinned Gordon to the mat to end the meet after only 20 seconds of wrestling. The Cornsweet brothers, who are probably the best wrestlers in eastern wrestling circles, had but little trouble with the relatively inexperienced Engineer matmen.

Freshmen Win

Again the powerful yearling squad sent their opponents to defeat, when they outwrestled the Brown frosh by the score of 30 to 10. They won every match except the 125 and the 135 pound classes, every contest being taken by a fall.

Axford, won his fifth victory after wearing his man down, and clamping on a wrist lock and body hold. He was constantly the aggressor, and after 7 minutes and 15 seconds of wrestling pinned Chaset, 115 pounds, to the mat for the first Engineer victory. Coming back and evening the score, Owrey, the Bear 125 pounder, threw Knoepel after 3 minutes and 55 seconds, with a half-nelson and again after 1 minute and 35 seconds with a head and arm chancery. The Brown yearling was the aggressor throughout the entire match.

Vassolotti Scores a Fall
Taking the lead, Lazar, the Engineer 135 pounder, was thrown by Hilliard with an arm lock and head chancery after 3 minutes and 10 (Continued on Page 4)

ENTHUSIASM GROWS AT BOATHOUSE AS OARSMEN KEEP FIT

Stiff Schedule is in Order as Crews Train Intensively for Next Spring

FRESHMAN STROKE IS ILL

If the weather continues fair as the past week-end it will not be long before the crews will have the chance to be out on the river and get the opportunity to get the feel of the oar in the water. After the long grind indoors the thrill of the oar as it passes through the water and as the boat moves on ahead will certainly be worth the effort of reporting to the boathouse what is now six times per week. Although the men are working in regular fixed crews there is no doubt that the order will be changed before and after they get on the river.

Routine Work For Crews
"Keeping Fit" seems to be the motto at the boathouse for Coach Haines has the crews go through the daily dozen before rowing. Undoubtedly he thinks that it is a good idea for the coxswains to keep their voices in condition by counting off the various exercises while the men do their stuff, thus killing two birds with one stone. He then has the men row some twenty minutes which brings on a healthy state of perspiration. It is astonishing to notice that the men are actually panting and some are tired after this period of rowing which leads one to believe that the movements of the sport are not as easy as they look.

Freshmen Have Good Crew
All the crews seem to keep together and row in their respective boats. Philip Cook, stroke on the first freshman boat, is out with a touch of pneumonia and will continue to be out for the next month. This handicaps the crew but they are making the best of it. "Pat" Manning, in charge of the freshman boats, hopes for a successful season this spring. His powerful first freshman boat is progressing rapidly under his coaching. He has plenty of material to pick from, but there is never enough to satisfy the coaches. Indoor training finds the boathouse usually quiet because the routine that the men go through does not call for much excitement. A recent arrival of a case of oars for spring, use however prompted much comment among the earnest oarsmen.

ICEMEN WIN FROM BOWDOIN SEXTET BY FAST PLAYING

Cardinal and Gray Win Game in First Period as Captain Cullinan Scores

RILEY STARS FOR M.I.T.

Fine Work of Bowdoin Goalie and Captain Prevents Higher Score by Beavers

In one of the fastest and hardest games of the season, the M.I.T. Hockey Team defeated the Bowdoin sextet at Bunswick, Maine, last Friday. Bowdoin is the championship team of the state of Maine, and a win of 1 to 0 is quiet a feather in the caps of the Institute puck-chasers.

The first and only score of the game was made after thirteen minutes of play, when Captain Cullinan, who was playing at right wing for Technology, slipped the puck past the Bowdoin goalie. Phil Riley, the Engineer goalie, played especially well and made many saves when a score seemed inevitable. In the third period he was sometimes rushed by four of the Maine players, but the score was held down to zero until the final whistle blew.

Beavers Superior
All through the game the Bowdoin team was pushed to the limit by the fast Beaver Icemen. It was through the splendid work of the Bowdoin captain-goalie that the score did not go any higher.

The summary:
M.I.T. Bowdoin
White (captain), l. w. r. w. Parker (Ward)
Crosby (Meade), c. c. Timer (Sloane)
Cullinan, r. w. l. w. Ward (Rose, Dwyer)
Lucey, l. d. r. d. Thayer
Hazeltine, r. d. l. d. Stone
Riley, g. g. Howland (captain)
Score. First period, M.I.T., Cullinan, unassisted. 13m., 16s. Second period. None. Third period. None.

YEARLING BOXERS LOSE YALE MEET

Robert Wins by Default, Giving Engineers Only Point in Match at Yale

Losing their first meet this season, the yearling boxers were defeated by the Eli freshmen by the score of 5 to 1 last Saturday afternoon in the Yale Gymnasium. The Engineers won one bout by default, and got a draw in the 175, which they lost in the overtime round.

Horowich lost the first bout to Yale in the closest bout of the meet after three rounds of hard fighting. Horowich, who scored with rights, seemed at a disadvantage in the infighting, and lacked stamina to send his man to the floor. At the end of three rounds, Joyce, the Yale 115 pounder, was awarded the decision. Technology was awarded the 125 pound bout, when the Yale man failed to qualify, Robert taking the match by default.

Daniels Loses
Daniels was defeated by Walker, the Eli 135 pounder, in a fast bout by a decision. Daniels was unable to guard the long left of the Yale frosh, but countered with stinging rights which shook his opponent. Daniels was in good condition, and was constantly aggressor, but the disadvantage of reach was too great. In the 145 pound class Davis put up a hard fight, but lost by a technical knockout in the third round. The bout was fast and furious, but Davis lacked the stamina of the Yale man, and was unable to continue after two and a half rounds of hard swapping. Captain McDonnell lost a hard fight to Yale's best scrapper after three rounds, when the Eli yearling was given the decision. Bubb, of the Yale team, had a large weight advantage, and scored with a left hook, Captain McDonnell countering with left jabs followed by straight rights. McDonnell made a good showing and is expected to win in his bout Wednesday night.

Schultz Boxes Well
Probably the most exciting bout of the evening came when Schultz, the plucky 145 pound Engineer, fighting in the 175 pound class got a draw

from the Yale 175 pounder. Schultz gave both weight and reach to the Yale man, and it was only in the overtime that the Yale man was able to emerge victorious. Dancing around the Yale man, sending over stinging lefts and rights from any angle, the plucky Engineer almost sent the big Eli opponent to the floor. The left hook was the only blow that his opponent could score, and the frenzied Yale cheering section was urging Schultz to knock him out, but his fast foot work wore him down, and the Yale man scored fast in the fourth round, ending the meet.

SWIMMERS DEFEAT COLUMBIA MERMEN BY LARGE SCORE

Engineers Have No Trouble in Securing Five Firsts as They Win 30-23

FROSH LOSE TO EXETER

The Varsity tanksters overwhelmed Columbia 39-23 last Friday night at New York, taking four firsts and three seconds. The closest event of the evening was the hundred and fifty yard back stroke which was a tie between Captain Luey of the Engineers and Gaynor of Columbia, both men fighting for first place all the way.

Although there were no unusual records made, Tech took the lead from the start and easily kept the score in their favor up to the end. Luey accounting for nine points and Torchio for seven.

Freshmen Lose
The frosh webfeet were defeated 39-23 by the Exeter swimming team last Saturday afternoon in the Exeter pool, the meet being much closer than the score would indicate. The fifty yard free style was practically a draw while the dive and the breast stroke were also closely contested events. Tech took first in the relay and back stroke while Exeter easily captured the hundred and two hundred yard free style. Capt. Rinehimer and Levinson were the high lights of the meet the former swimming anchor

man in the relay a sprinting on the last length to capture that event, also swimming almost to a draw in the fifty. Levinson took first in the back stroke and made a good showing in the relay.

Fifty-yard free style—Won by Torchio, M.I.T.; Luey, M.I.T., second; Gaynor, Columbia, third. Time—25 4-5s.

One hundred-yard free style—Won by Lutz, M.I.T.; Savola, Columbia, second; Lyan, Columbia, third. Time—1m. 3s.

Four hundred forty-yard free style—Won by Jacoby, M.I.T.; McClure, Columbia, second; Mackay, M.I.T., third. Time—5m. 51 2-5s.

Two hundred-yard breast stroke—Won by Oberist, Columbia; Birnbaum, M.I.T., second; Appleton, M.I.T., third. Time—2m. 55s.

One hundred 1/2 fifty-yard back stroke—Gaynor, Columbia, and Luey, M.I.T., tied for first; Bowden, Columbia, third. Time—1m. 52 4-5s.

Dive—Won by Kraft, Columbia, 69.1 points; Lykes, M.I.T., 68.1; second: McMan, M.I.T., 62.3, third.

Two hundred-yard relay—Won by M.I.T. (McKay, Baker, Luey, Torchio), Columbia (Bowden, Savoia, Booth, Gaynor), second. Time—1m. 45 4-5s.

Relay—1st, Tech (Teague, Abbot, Levinson, Rinehimer). Time—1:52. Dive—1st, Craig (E); 2nd, Stoke (E); 3rd, Fyffe (T).

Fifty-yard free style—1st, Savage (E); 2nd, Rinehimer (T); 3rd, Sparre (T). Time—29 sec.

Two hundred-yard free style—1st, Taylor (T); 2nd, Bried (E); 3rd, Thomas (T). Time—2:35.

Breast stroke—1st, Merrill (E); 2nd, Holst (T); 3rd, Dupont (E). Time—1:21.

Back stroke—1st, Levinson (T); 2nd, Robertson (E); 3rd, James (E). One hundred-yard dash—Hientz (E); 2nd, Beatty (E); 3rd, Abbot (T).

In the Handicap Meet to be held next Saturday it is important that all freshmen, with hopes of competing in the Huntington meet on the following Wednesday, should be present. It is in this meet that the freshmen will qualify for the following contest.

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TRACKMEN RUN IN N. E. A. A. U. MEET

Twelve Men Will Compete in the National Junior Indoor Championships

In the N. E. A. A. U. meet last Saturday the 40-yard dash and the 600-yard run proved to be the best for the Engineers. Wayne placed second in the fifth trial heat of the 40-yard dash and Hallahan took second in the third heat of the 600-yard run. Both men failed to place in the finals of their respective events. The meet was held in conjunction with the B. A. A. schoolboy track meet at Mechanics Hall.

Herbert and Baltzer placed seventh and eighth respectively in the 1000-yard run. In this event the field was extremely crowded. The runners seemed to find difficulty in avoiding one another and two men were forced to drop out of the race due to two nasty spills on the turn. In the shot put Grondal, the only Engineer entered in the event, failed to place.

Indoor Meet Friday
In spite of the fact that the men did not carry off any of the honors in this meet, high hopes are held for next Friday's meet when the National Junior Indoor championships will be held at the Boston Garden. There is a possibility that the freshman relay team may be entered in this meet, to run the one-mile relay. Also the Varsity relay team, consisting of Ladd, Hallahan, Berry, and Herbert, will in all probability compete in the medley relay race. The other entries for the meet will be as follows.

600-yard dash and 300-yard run: Wayne, Broder, Ladd, Jr.
Shot Put: Grondal.
High Jump: Benjamin.
Broad Jump: Zigler.
600-yard run: Hallahan, Berry.
1000-yard run: Herbert, Baltzer.
Standing High Jump: Cohen.
Pole Vault: Elmer.

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NOTICES and ANNOUNCEMENTS From the Faculty

The Third Whiting Concert of the Season

Tuesday, February 19, 8:15 P.M.—Room 10-250
Open to all students and staff

Lectures by

PROFESSOR REINHOLD RUDENBERG

Chief Electrical Engineer of the Siemens-Schuckert
Works in Berlin

on

Magnetic Saturation and Non-Harmonic Oscillations Monday, February 18, 3 P.M.—Room 10-275

Transmission of Power Over Very Great Distances
Tuesday, February 19, 3 P.M.—Room 10-275
Open to all students and staff

CALENDAR

Monday, February 18

3:00—Lecture "Magnetic Saturation and Non-Harmonic Oscillations", Room 10-275.

5:00—Eastman Memorial Readings, by Professor Copithorne, Walker Library.

4:00—Liberal Club Symposium, Room 10-250.

Tuesday, February 19

3:00—Lecture "Transmission of Power Over Very Great Distances". Room 10-275.

8:15—Third Whiting Concert, Room 10-250.

UNDERGRADUATE

FRESHMEN OFFICERS

There will be a meeting of all freshman officers in Room 10-275 today at 5 o'clock.

Representative of White Studios will be in the Main Lobby today and will be at Rogers on Tuesday giving out proofs of Senior Pictures.

POINT SYSTEM COMMITTEE

The members of the Point System Committee are requested to meet Monday, February 18, at 5 o'clock, in the Executive Committee Room in the basement of Walker Memorial.

MUSICAL CLUBS

There will be a meeting of all members of the Musical Clubs Management including freshmen and Sophomores on Monday, February 18, at 5 o'clock in Room 303, Walker Memorial.

SENIORS

All seniors interested in obtaining positions with the American Steel and Wire Company should make arrangements with the Personnel office, Room 3-212, for an appointment with the representative of this company on March 18.

TECH SHOW PICTURES

Members of the cast and chorus, or any others who would like pictures of scenes from this year's Show may obtain them by placing an order with the Tech Show office any afternoon this week. The pictures may be seen in the office any afternoon.

TECHNIQUE PICTURES

Managers of teams, and Presidents of fraternities, clubs, and societies are asked to call at the Technique Office to secure proofs of group pictures for the purpose of taking orders for these pictures.

SCHOLARSHIPS

The attention of students who anticipate continuing graduate work next year in Europe is called to the

notice posted in the Information Office regarding the date on which applications for scholarships for study in various foreign universities and technical schools should be filed with the Institute of International Education, 2 West 45 Street, New York City. Further information regarding these scholarships may be obtained by consulting the Dean of Graduate Students, Room 4-112.

PROF. TRYON VISITS SOUTHERN COLLEGES

(Continued from Page 1)

Polytechnic Institute, the Montgomery High School, Howard College, Birmingham Southern College, University of Alabama, Mississippi Agricultural and Mechanical College, Millsaps College at Jackson, Mississippi, and Mississippi College at Clinton. Today he is at the University of Mississippi at Oxford.

The itinerary which Dr. Tryon will follow, and the probable dates of his speaking in the various towns is as follows:

In Tennessee

Feb. 19—Shiloh and Muscle Shoals.
Feb. 20—Nashville-Vanderbilt University.

Feb. 21—Nashville-High Schools.

In Kentucky

Feb. 23—Louisville-University of Louisville.

Feb. 25—Louisville-Male High (School Dupont Manual.)

Feb. 26—Louisville-other local schools.

Feb. 27—Lexington-University of Kentucky. Transylvania College.

Feb. 28—Danville-Centre College.

MEMORIAL READINGS TO COMMEMORATE TODAY

Readings of "Modern Poetry" in memory of William Eastman, Jr. '18, will be given in the library of Walker commencing today at 5 o'clock. There will be two more readings on the two following Mondays, February 25 and March 1. The selections will be read by Professor Matthews R. Copithorne of the English Department of Technology. The selections will be taken from many of the contemporary poets and it will give the Engineers a chance to be far removed from their field of study.

TECHNOLOGY FROSH DEFEAT TABOR FIVE

Technology's freshman basketball team defeated Tabor Academy hoopers with a safe margin of 36 to 20 last Saturday night. Paul, the Engineer left forward, was easily the high scorer of the game, with six baskets to his credit. Castleman, Johnson, and Ricard also were high scorers. Clark and Weiss, the Tabor forwards, each managed to drop in three baskets.

A marble swimming pool and stadium, built by an Ephesian citizen, Publius Vadius Antonius, a central heating plant, supposedly built by the same man, and a basilica constructed by the Byzantine Emperor Justinian and Empress Theodora in honor of John Theologus, have been discovered by excavations in Asia Minor by the Austrian Archeological Society and Rockefeller Foundation experts. The relics have been placed in the museum at Smyrna, in all cases where they were moveable.

Plane Pilot Who Was Reported as Missing



Dick C. Holihan '31

MISSING AVIATORS MAKE SAFE RETURN

Plane Forced Down at Sheffield— Fliers Stay at Utica During Night

After having been missing for thirty hours, anxiety over the safety and whereabouts of Dick C. Holihan, '31, and Wilfred F. Howard, '30, flying to Flint, Michigan, in a Velie Monocoupe was relieved when word arrived that they had landed at the Syracuse airport.

On Thursday morning Holihan, President of the Flying Club, the pilot of the plane, and Howard, Editor of THE TECH, as passenger, left the East Boston Airport in a snowstorm which, in the opinion of airport officials made flying, exceedingly dangerous. The purpose of the trip was to transact business in Cleveland and the fliers fully expected to arrive there in eight or nine hours.

Up until a late hour on Thursday night no word had been heard from Holihan and Howard and officials of the Boston Airport began to make inquiries from the airports along the route that they thought the fliers had taken. Lowell, Lawrence, Springfield and even Albany were called but nothing had been seen of the missing students.

Watch was kept throughout the night for some word and finally a message came from Sheffield, Massachusetts, stating that the fliers had been forced to land there due to engine trouble brought about by poor gasoline. Then for twenty four hours no further word was heard and the airport officials started another far-reaching search. It was finally decided that if no message had been received by Saturday morning search planes would be sent out over the route taken by the fliers.

This proved to be unnecessary however as a telegram arrived on Saturday morning from Syracuse which relieved all fear over the safety of the students. Finally Howard himself arrived in Boston and cleared up the mystery by explaining their whereabouts for the last two days.

After repairing the engine trouble at Sheffield on Thursday afternoon, Holihan and his passenger had again taken off and headed for Albany. There they had landed and checked in at the city airport, refueled and started for Utica. It was 4:30 by the time they arrived at this city, and it was not consistent with safe flying to attempt the continuance of the flight to Syracuse, as originally planned. After landing at Utica, they registered at the Hotel Utica, where they spent the night.

In the morning, they got in touch with the Utica Flying Service, by whom they were accorded every possible courtesy. Mr. Heath, the vice-president and general manager, took the fliers out to their fine airport, where they refueled the ship, and checked it over before taking off. The weather, they report, was excellent, with clear skies and a light west wind. They flew west above the New York Central tracks at about a thousand feet, with the motor working perfectly.

In order to have sufficient gas for the trip to Buffalo they landed at Syracuse to refuel. The airport there they found to be a fine new one, excellently equipped in every respect. Because of delays sustained in Utica, it was deemed inadvisable to continue further that day, for it would have been impossible to more than reach Buffalo in any event.

Since this stop over would make it impossible to get back to Boston on Sunday evening as originally planned, Howard found it necessary to return to Boston that night. Holihan stayed in Syracuse, and continued his flight the next day.

LIBERAL CLUB HEARS PROF. TENNEY DAVIS

"Scientific Access to Liberal Education" is Subject

Professor Tenney L. Davis '13 addressed the M. I. T. Liberal Club on "The Scientific Access to a Liberal Education" at the meeting on Friday afternoon. "A Liberal Education gives you the frosting; a scientific education gives you the cake," was one of the statements he made and backed up by a series of examples and historical references.

"Education is a teacher of values," he stated, "and an educated person has a clearer idea of the values of various things and is able to judge among them. It is a fact that a scientific education is a better teacher. A Technology student therefore has as good a chance, if not a better one of getting a liberal education than a Harvard student."

In the business meeting that followed, the question of having a banquet was discussed, but no definite decision was reached. An election of a secretary was held and Miss Mary E. Betts '30 was announced as elected to that office.

Recent Speaker Here Contributes to T.E.N.



M. Georges Claude

YOUNG LECTURE TO BE HELD TOMORROW

"Balance of Power and Ententes in Europe" will be presented by George Young, formerly of the British Diplomatic Service, in the fifth lecture given on "Diplomacy and Democracy," in Huntington Hall tomorrow evening at 8 o'clock. These lectures are given by Lowell Institute and are open to the public.

LITERATURE LECTURE TO BE GIVEN TODAY

Continuing his series of lectures on American literature, Chester N. Greenough, Professor of English in Harvard University, will present "The American Revolution and the Literature During It" in Huntington Hall this afternoon at 5 o'clock. Tickets for these lectures may be secured by applying to the Curator of Lowell Institute.

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Preparations are being made for the Interclass Meet that will be held on March 2nd. Last year the Advisory Council decided to give three medals as prizes for each event in this meet, due to the interest it has aroused in the past. This will be the first year that these medals have been given and an exciting meet is expected.