

CLUBS ANNOUNCE FINAL PLANS FOR WINTER CONCERT

Affair Will Be Held in Louis
XV Ballroom at Hotel
Somerset Friday

TICKETS NOW ON SALE

Pedometer Guessing Contest
Will Be Special Feature
Of the Evening

The Combined Musical Clubs have now completed arrangements for their annual Winter Concert to be given Friday evening, January 23, in the Louis XV Ballroom of the Hotel Somerset from 8:30 until 3 o'clock. The concert will last until about 9:45 and will be followed by a dance till 3 o'clock with music furnished by Bert Loew's Orchestra. Tickets for the affair are \$6.00 per couple and \$4.00 for stag tickets. Sign-ups are being redeemed this week in the main lobby from 11 until 2 o'clock for \$3.00.

The feature of the evening will be the pedometer guessing contest which the clubs are trying out for the first time. As has already been announced, one of the members of the clubs will carry a pedometer in his pocket throughout the evening. The instrument will be set at zero at the start of the program and will be read at 3 o'clock. Whoever guesses closest to the reading on the pedometer will be entitled to free couple tickets to the Tech-Dartmouth Concert, which takes place early next term, and the Spring Concert, one of the main events of Junior Week. Slips of paper will be distributed with the programs at the beginning of the performance and will be deposited with the guesses inscribed thereon in a receptacle provided for the purpose.

Three Specialty Acts

Bert Loew has arranged to play twelve regular dances and four extras. Preliminary Dance orders will be ready in the course of a day or so. The matrons for the affair are: Mrs. H. P. Talbot, Mrs. H. G. Pearson, and Mrs. J. W. Rollins.

The program for the evening will include two appearances of two numbers each by each of the clubs except the Dance Orchestra. There will be three specialty acts, namely: "Three Star Polka" and "At Dawning I Love You" which will be played as trombone solos by A. R. Keith '28. T. A. Knowles will offer a little variation on the usual concert program by his act entitled the "Talky Trickster" in which he gives an exhibition of slight of hand work. This is the first time that such an act has been instituted in the program of a concert of the calibre of the Winter Concert. It was for such talent that the clubs sent out a plea at the beginning of the season in order to secure something of a non-musical nature for their programs.

Tickets are on sale at the Coop or at the Dormitory Office at the regular prices.

TECHNIQUE EXPLAINS MYSTERIOUS POSTERS

Year Book Will Offer Prizes
For Informal Photos

Technique has disclosed the secret of the mysterious question marks that have been displaying themselves about the bulletin boards. The contest that Technique plans on running is not one of cross-word puzzles as some expected, but something that will include even the anti-cross worders.

There will be four prizes of five dollars each, one to go to the man in each of the four classes who hands in the best group of informal pictures to Technique, graduates and others not regularly registered to be classed with Seniors. For convenience, the pictures may be handed in at the information Office, room 10-100 or if desired they may be brought direct to Technique. Negatives are not needed, but the print should be on glossy paper preferably. The contest closes Saturday, February 21, thus giving a whole month to collect your snaps, or to plan for and take pictures around school. As to the type of picture wanted anything from prospective students in baby clothes to photos of the biggest Corliss engines in the steam laboratory is acceptable. Originality is an important factor.

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MAKING OF CADILLACS TO BE SEEN ON SCREEN

Mechanical Engineering Society
To Show Moving Pictures

Members of the Mechanical Engineering Society will see a moving picture on "The Manufacture of Cadillac Cars" today at 4 o'clock in room 5-330. This picture is one of a series given each Wednesday by the Society on various subjects connected with the work of the Mechanical Engineer.

Today's picture covers the complete construction of the cars from raw material to finished products. The Cadillac Company was the first company building high priced cars to adopt the policy of inter-changeable parts in all its cars. It created a sensation in the early days of the industry by disassembling and assembling a car in record time.

Modern plants with the latest kind of mechanical equipment are used to make the cars, which are built of parts practically all of which are made by the Cadillac Company. The size of the plant is impressive as the company is one of the largest producers of higher priced cars.

CAPTAIN SNOW TO LEAVE INSTITUTE

Successor Will Be Alumnus of
Technology—Name To Be
Announced Later

Following the receipt of orders from Washington Captain Elliot Snow, Naval attaché of Course XIII, Naval Architecture, has tendered his resignation from the Faculty of the Institute, to take effect the latter part of February. Capt. Snow is unable to announce the name of his successor, owing to the customary secrecy concerning naval orders. However, it is expected that the new representative will be an alumnus of the Institute, and will arrive sometime in February. While the Naval member of Course XIII is not strictly a member of the Faculty, Capt. Snow was accorded the privileges of an honorary member.

During his connection with the Institute, Captain Snow was very closely connected with the Marine Museum and has aided in its extension, until the Museum is now comparatively well known in this country and abroad. The collection of prints is the largest held by any institution of learning in the United States, and exceeded by only three in the English speaking countries of the world. Captain Snow stated that all work in the Museum will be carried on by F. A. Magoun, instructor in Course XIII, under direction of the advisory board. Mr. Magoun has been gradually assuming the duties of Captain Snow with respect to the Museum for the last six weeks.

Captain Snow was assigned to the Institute in October, 1922, and has been actively connected since, taking special interest in his lectures on the electric propulsion of ships, which were open to upperclassmen in courses VI and XIII. The special duty to which he has been ordered by the Secretary of the Navy is of a nature connected with a corresponding activity of the army.

Harvard Biologist Will Describe His Researches in Tropical Waters

Those interested in biological questions will have an opportunity to hear the third of a series of Sedgwick Memorial lectures which will be given by Professor W. J. V. Osterhout of Harvard University in Huntington Hall, Rogers Building, Friday evening at 5 o'clock. The subject will be "Some Fundamental Problems of Cellular Physiology" and is based on some recent discoveries made by Professor Osterhout during his annual visits to Bermuda where he has been studying some strange forms of life in those tropical and sub-tropical waters. The lecture is open to the public and the Department of Biology and Public Health has invited those professionally or generally interested in the subject to be present Friday.

Professor Osterhout is now professor of Botany at Harvard University, but will soon leave that institution to commence his work with the Rockefeller Institute of Medical Research, where he has been appointed to a research position.

SHOW WILL AWARD PRIZES FOR BEST LYRICS SUBMITTED

Management Announces Opening
Of Contest For All
Lyric Writers

MUST BE IN BY JANUARY 31

First Performance To Be Given
At Somerville Theater
On March 20

Tech Show management has announced a prize competition, open to all students at the Institute, for the best lyrics submitted for the music of this year's show. There will be an important meeting of all men who wish to enter this competition in North Hall at 7:30 o'clock tonight.

A prize of \$10 will be given for the best lyric received, \$5 for the next best, and \$2 for every other lyric accepted. Competitors may write the lyrics for the music which is already in possession of the Tech Show management, or may submit lyrics with music of their own. About 20 songs have been turned in to date, and the book for this year's show calls for 16 different selections. The lyric competition will end on January 31, and all entrants should have their verses in the Tech Show office, room 301 Walker, not later than 5 o'clock on that day. Further details regarding the nature of the plot, types of lyrics desired, titles suggested, and general requirements of the contest will be announced at to-night's meeting.

Opens in Somerville

The show's itinerary has been definitely decided upon and will include nine performances. The opening performance will be given at the Somerville Theater, Somerville, on the evening of March 20. This is the first performance of the show to be given in Somerville since 1916, and takes the place of the one given in Norwalk last year. The two following performances will be given at Parson's Theater, Hartford, and at the Waldorf Astoria ballroom, New York City, on March 23 and March 24 respectively. The Tech shows of 1923 and 1924 played to capacity houses in Hartford during those years, and an equally enthusiastic reception is expected this year.

On April 4 the show will give two performances at the Academy of Music in Northampton. The Boston performances will come during Junior Week on April 20, 21, at the Boston Opera House.

SNOWSHOE AND SKIING PARTY AT WINCHESTER

A Skiing and Snowshoe party will be held by the Outing Club of the Institute at the Winchester Country Club on Sunday, January 25. Those who wish to do so may purchase dinner which will be provided at the Winchester Outing Club, or lunch may be brought from home.

The party will meet at Arlington Center, where the Winchester cars leave, at 10:20 o'clock. Any men wishing to join the party later may do so at any time at the clubhouse.

SINGERS WILL GIVE A CONCERT NEXT FRIDAY

To Be Assisted by Chorus From
Studio of S. S. Townsend

With the assistance of a mixed chorus from the studio of S. S. Townsend, the class in choral singing will give a concert in room 5-330 at 5:30 o'clock next Friday. Everyone is invited to attend this concert in which between 30 and 36 voices will take part and which will last from an hour to an hour and a half. Before the concert, which will consist of folk songs, which the class has been studying there will be a rehearsal to which anyone who can sing or read is invited. The rehearsal begins at 4:30. There will be on the program besides the folk songs the singing of Saint Saens' Christmas Oratorio by the chorus for which Reginald Boardman will play a piano-forte accompaniment.

The course in choral singing is one of the courses of general study offered by the Institute and credit is given to men entered in this course just as to men taking other General Studies.

PROFESSOR DEBYE TALKS AT SEMINAR

Future Lecturers to Include
Members of General
Electric Staff

At the Physics Seminar held yesterday afternoon, Professor Debye spoke on the subject: "Recent Research on the Diamagnetic Susceptibility of Gases." Professor Debye gave a new tentative theory developed by himself in connection with recent experiments carried out by Glaser in the laboratory of Wein in Munich.

According to the classical theory the diamagnetic susceptibility is proportional to the pressure of the gas. Glaser found in his experiments that this law held only for very low and for very high pressures, while in the domain of transition between these, the proportionality varies. The new Debye theory is an attempt to correlate the results of Glaser with the magnetic property of the molecules. The presentation of the theory was followed by a discussion by members and students of the department of physics.

The next seminar will be held January 27 at 3 o'clock in room 4-231. The speaker being Professor C. T. Burgess, aeronautical expert at the Bureau of Aeronautics of the Navy Department.

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Chemists Show Versatility At Making Models

Carbon Molecule Models Built of
Hairpins, Toothpicks, and
Jelly Beans

Winners in Professor Moore's contest for the best set of four tetrahedron carbon models were selected by the committee yesterday afternoon and will be announced in Professor Moore's Organic Chemistry class on Thursday.

The contest was open only to men taking the course in Organic Chemistry, and closed on Monday noon. The construction of the models was a required part of the course and was intended to give the men a better understanding of the actual alignment of the atoms in the molecule, as well as a definite comprehension of the principle of isomerism and double bond linkage.

Materials used in making the models varied from the most fragile toothpicks and weighty gum-drops to copper wire and hickory nuts. Most of the men who waited until Monday morning to construct their models made the Organic Chemistry lab the scene of their busy activities and succeeded in creating a run on the supply of corks and copper wire. Following the completion of their models, there came a mad scramble for boxes in which to transport the clumsy tetrahedrons. The final collection of models in Professor Moore's office resembled the display of a toy store before Christmas.

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FRESHMEN TO HEAR MUNROE TELL OF BOSTON TOMORROW

J. P. Munroe '82 to Talk to First
Year Men on "Boston and
The Student"

IS CORPORATION OFFICIAL

Particularly Well Fitted To
Give Lecture Declares
Professor Pearson

"Boston is the best location for an institution of the type of Technology," declared J. P. Munroe, '82, secretary of the Corporation, who is to talk on "Boston and What it Means to the Student" to the freshman class at 11 o'clock tomorrow. "There are more students in Massachusetts than in any other state. The general atmosphere of the city is scholarly. There are cultural advantages that are well known, Boston being a center of music and art, as well as of science.

"This is an opportune time to talk of the history of Boston," added Mr. Munroe, "for it is the three hundredth anniversary of the settling of the city. My talk will be not in any manner a scenic trip, but will be an endeavor to present the points of the city in a manner interesting to engineering students."

Was Secretary of Faculty

Mr. Munroe's talk is the second of a series of talks to freshmen to be given each Thursday this term to acquaint them with the salient facts about the Institute and its surroundings. Last Thursday Dean Talbot told of the founding and growth of Technology.

A whole page is devoted in "Who's Who in America" to the achievements of Mr. Munroe. He was Secretary of the Faculty here from 1882 to 1889, and is now president of the Munroe Felt and Paper Company of Boston. He is secretary and a life member of the Corporation. Many philanthropic societies are included in the list of organizations that he has headed at one time or another. Among the clubs and organizations to which he now belongs are the Boston Chamber of Commerce, the Boston City Club, the Eastern Yacht Club, the Authors' Club, and the Technology Club of Boston, of which he was president from 1896 to 1904.

Well Fitted to Lecture

He is the author of "The Human Factor in Education," "Life of Francis Amasa Walker," and of a host of magazine articles, besides having edited "Discussions in Education," by F. A. Walker, and "A History of Lexington." "Mr. Munroe is particularly well fitted to give this lecture," said Professor H. G. Pearson, head of the Department of English and History, "because of his wide travels in this and in foreign countries, and because of his familiarity with the history and with the interesting points of Boston."

POWER TRANSMISSION LECTURE POSTPONED

A.I.E.E. Meeting Now Scheduled
To Be Held Next Month

Mr. R. D. Booth '20, who was to speak to the Electrical Engineering Society tomorrow evening on the subject of "Electric Power Transmission," has found it necessary to be out of town at that time. As a consequence the meeting has been postponed until the latter part of next month.

Mr. F. W. Peek, Jr., of the General Electric Company is the next speaker scheduled to address the Electrical Engineering Society. "Lighting" will be the subject of this lecture which will be given on Thursday, February 5. The

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CALENDAR

Wednesday, January 21
4:00—Moving pictures, room 5-330.
7:30—Lyric writers' meeting, North Hall.
Thursday, January 22
4:00—Development of Science meeting, room 10-250.
11:55—Freshman Rifle Team, room 4-131.
8:00—Talk on Electric Power Transmission.
Friday, January 23
1:30—Chem. Soc. trip.
3:00—Corporation XV trip to Carr Fastener Co.
4:30—Choral Singing, room 5-330.
5:00—Sedgwick Lecture, Huntington Hall.
8:00—Winter Concert and Dance, Hotel Somerset.

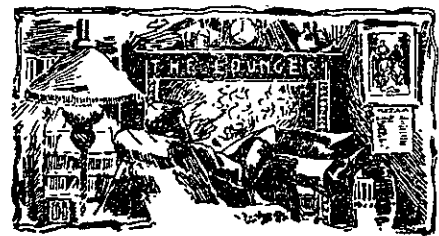
A Record of Continuous News Service for 43 Years



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A few more of these springlike days with their balmy zephyrs, and the Lounger is going to hock his car and buy a dog team.

God save the pedestrian! No sooner had we joyously settled down to unobstructed walking across the Charles River ice than we noticed tracks of that uncanny bloodhound, species John Henry Ford.

From the far corners of the world many and sundry rumors have been reaching the ears of the Lounger lately about the world's coming to an end.

In some ways the Lounger sympathizes with this man's attitude. Any one living in a place with such a name could hardly help looking forward to some kind of release.

If the old earth has really got to kick the bucket, why must the deuce come at such an inconvenient hour? Think of the awkward situations.

After wading through millions of cubic yards of snow, the Lounger feels moved to make some more caustic observations on Boston's now-you-see-it-now-you-don't weather.

The childish ingenuity of some of Technology's embryo chemists is certainly amazing, as well as side-splitting. The powers that be say that models of organic molecules must be concocted as part of the course.

The Cambridge Fire Department has a perverted sense of humor, to say the least. Monday morning, while all the Dormites were sound asleep, what must have been a goodly share of all the apparatus on the Cambridge side of the Charles roared up behind the Dorms.

Banker Discusses Opportunities for College Graduates

By William E. Knox

(The following article, by the president of the American Bankers' Association, is reprinted from the Cornell Daily Sun.)

I think that the greatest evidence of success should be to make ourselves so efficient at the job we have and to so keep changing and expanding its possibilities and scope that our present job will be regarded as of equal importance to the job above it.

It is probably true that there has been less advancement on the whole among salaried men and women of average salaries in the matter of increased pay than in any other field of endeavor, and we have sometimes looked upon this as a hardship and an injustice.

White Collar Positions Desired: The reason that housemaids can get three or four hundred per cent more wages than they could ten or twelve years ago is because they want to get into the white collar class.

The reason that the wages of skilled labor have advanced faster than the wages of white collared people of average salaries is because the supply seldom exceeds the demand.

Competition Is Fair: I believe it is as true now as it has ever been and may be more so, that any young man or woman who selects a vocation which he believes in and likes can go just as far as his industry, intelligence, determination and integrity will carry him.

But let us remember, that all great achievements come by somebody sticking at a worthwhile task until he succeeds. There may be something in luck, and opportunity but he who sits down and waits for either opportunity or luck will find himself out of the path of both.

Stick to the thing you can do best, and you will dig your opportunity, and your luck, your fortune out of the gold mine of hard work. Your opportunity is in you—not in the thing you do, and the one who keeps a healthy body, and a clear mind, doing his little share of the world's work, as

well as, or a little better than anybody else is bound to get ahead and be happy.

I would recommend that every young college man consult with his instructors and with his friends of more mature years outside; study the modern tendencies in business as well as in the professions, and select the line of work that he thinks best adapted to his native talents.

AMUSING SITUATIONS FILL COPLEY COMEDY

"The Dover Road," by A. A. Milne, is being played at the Copley Theatre this week. The scene is laid in the home of a Mr. Latimer just off the Dover Road.

On this occasion there is one couple there and the arrival of another starts things off. To tell of their trials would spoil the play, for the utterly unexpected turns that affairs constantly take make them the more humorous.

The fact of a husband fleeing with a "sweet young thing" is not unusual, but to be delivered to and held prisoner by an eccentric bachelor before fairly getting under way is very, very different. Even worse, the next morning it turns out that the wife and her "beloved" are held for the same reason at the same place.

All the way it is excellent comedy well played. The plot is quite "different," and in many parts the repartee is brilliant.

P. K. B.

"COCK O' THE ROOST" COMEDY OF A BLUFFER

This week the Boston Stock Company is presenting "Cock O' The Roost" at the St. James Theatre. This same comedy was presented at the Plymouth Theatre last year under the name of "The Rabbit's Foot."

The story is one concerning a cocksure young man who manages, through pure bluff, to save another from absolute bankruptcy foil the plans of a very much wealthier rival; and marry the girl he loves, despite her craving for luxuries.

Bernard Nedell playing the part of the young bluffer is as good as he usually is in any part that he takes. Samuel Godfrey, as the discouraged hack writer is very natural, while his wife, although very good, seems rather too young for the part. Miss Blakeney, as Mrs. Dawn, could easily have been taken for the daughter of the depressed author. Elsie Hitz, however, is the daughter and manages to fill the part in a pleasing manner. Miss Clark, as a flippant young gold-digger is also very good.

A CREW CRISIS

IT cannot be emphasized too strongly that the success of rowing here at Technology is dependent upon the interest that is shown in the training season which is now getting under way.

The prime need now is for men—Bill Haines will accomplish what else is needed. The quality of the varsity crew that is to determine our position in the rowing constellation will depend on the size and industry of the entire squad.

It is to be remembered that certain of the alumni, as well as those more intimately connected, have through their efforts raised crew to a position of recognition. It would be deplorable if unmitigated non-support would serve to retard their generous endeavor.

A SPECIAL OPPORTUNITY

TOMORROW the freshmen will have the second of the series of lectures which are being given to acquaint them with the Institute and its background. The idea of these lectures is highly to be commended, and we hope the freshmen will realize the opportunities offered by the talks, and will show their appreciation by their active interest.

Because of the nature of the Institute, and the rigor of the work, it is easily possible for students, and particularly first year men, to lose sight of the finer aspects of Technology, and see nothing but a vista of sordid drudgery for four years.

Not only is it an advantage to learn such facts and traditions, but the lectures also enable the freshmen to meet and hear the men who are in charge, thus becoming acquainted with prominent, interesting men whom they otherwise may go through the Institute without knowing at all, except perhaps by name.

AMERICAN "YOUTH" MOVEMENTS

WE have heard much of "Youth" movements and their socialistic ideas in Europe, but it is rather surprising to learn that very much the same thing has started up right in our own staid Boston. It seems that a group of young people have formed a Socialist League, with the intention of spreading their ideas throughout the colleges of the country.

As far as we know, no "circle" has as yet come into being at Technology, though these organizations are rapidly springing into being at other colleges. The present movement is not radical, standing for a "gradual evolution by a process of education rather than in radical methods to attain the ultimate goal of socialism."

A more promising and certainly more practical form of the "Youth" movement in this country is the "Youth for Peace" cause which is being fostered at Yale. The commendable purpose of this group is to point out the effects of war on youth, and to bring about a realization of the power of the youth of the country to turn our policies "to the cause of peace and a new internationalism."

Play Directory

- COLONIAL: Earl Carroll Vanities. Last week. COPLEY: "The Dover Road." Reviewed in this issue. HOLLIS: "The Rivals." Decidedly worthwhile. Last week. MAJESTIC: "The Dutch Girl." New musical show, debut Thursday night. PLYMOUTH: "Cobra." Play of emotions. Last week. ST. JAMES: "Cock o' the Roost." Reviewed in this issue. SELWYN: "White Cargo." Well set up play of life in the remote tropics. SHUBERT: "Greenwich Village Follies." Pleasantly brainless amusement. TREMONT: "Be Yourself." Nothing special. WILBUR: "The Wife Hunter." With Mr. and Mrs. Coburn.

Notice—Price Reduction

On and after January 1st, 1925, at a New Low Rental Price

will be given to the TECH STUDENTS "Quality Always"

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The Fenway MASS. AT BOYLSTON Bebe Daniels "MISS BLUEBEARD"

St. James Huntington Ave. Back Bay 202 Mats. 2:15 except Mon. & Thurs.—Ev. 8:15 WEEK OF JANUARY 19 Boston Stock Company in the "Laugh a Line Comedy" "Cock o' the Roost" by Rida Johnson Young author of "Little Old New York" Week of January 26, "THE LION and the MOUSE"

WRESTLERS LOSE MEET TO HARVARD

Basket Ball Team Drops Game to Brown Last Night in Hangar Gym

Crimson Grapplers Take Three Matches By Falls— Decision Given in Four

Technology Victorious By Decision in the 115 and 175 Pound Classes—Overtime Periods Necessary To Decide 115 Pound Tussle

Technology's wrestlers went down to defeat before Harvard last night in the hangar gym. The score was 21 to 6, the visitors coming off with three falls and taking two bouts by decision. The engineers took two bouts by decision, one in the 115 pound class and the other in the 175 pound group.

The most closely contested fracas of the evening was the 115 pound tussle between Coyle of Technology and Crook of Harvard. The two wrestlers were so evenly matched that it was necessary to wrestle two overtime periods to decide the winner. In the overtime periods, Coyle always had the upper hand. He received the referee's decision.

Kurtin Loses Bout

Kurtin of Technology wrestled well in the 145 pound group, but was plainly outclassed by Goldberg of Harvard. Sheer grit was all that kept the engineer from being pinned to the mat and there was little room for dispute when the referee granted his decision to the Harvard man.

In the 135 pound class the bout between Stearn of Harvard and Hosch of Technology was rather slow, the wrestlers being down on the mat during very little of the match. Stearns was plainly superior to the engineer both from the point of strength and wrestling experience and won a referee's decision with little trouble.

Harman of Harvard scored the first fall of the evening by throwing Drum of Technology after 4 minutes and 50 seconds of wrestling. The match was fairly even and looked like a referee's decision until the Harvard grappler got the upper hand in a sudden opening and threw the engineer by the use of the bar Nelsen.

With the opening of the 158 pound bout, Captain Greer of Technology seemed to have the upper hand and held the Harvard grappler powerless with a combination scissors and headlock hold. By clever wrestling the Harvard man edged out of the engineer's grip and like a lightning flash had the engineer pinned to the mat before he knew what was happening. This bout was the biggest surprise of the evening, at the start it looked like a sure five points for the Technology delegation.

Dick Tryon of Technology, wrestling in the 175 pound class with Captain Hayne of Yale put up a stiff tussle and won the referee's decision with little question. Although there was little danger of a fall in either case, the engineer plainly had the upper hand throughout the match.

Bradford of Harvard had little difficulty in throwing Burke of Technology in the unlimited bout. The Harvard man had at least ten pound advantage over Burke and showed plainly the extensive grappling experience. The fall was made after 3 minutes and 40 seconds of wrestling.

One hundred and fifteen pound class—won by Coyle of Technology over Crook of Harvard, decision.

One hundred and twenty-five pound class—won by Goldberg, Harvard over Kurtin, Technology, decision.

One hundred and thirty-five pound class—won by Stearns, Harvard over Hosch, Technology, decision.

One hundred and forty-five pound class—won by Harman, Harvard over Drum, Technology, fall, time 4 min. 50 sec.

One hundred and fifty-eight pound class—won by Wood, Harvard over Captain Greer, Technology, fall, time 2 min. 40 sec.

One hundred and seventy-five pound class—won by Tryon, Technology over Captain Hayne, Harvard, decision.

Unlimited Class—won by Bradford, Harvard, over Burke, Technology, fall, time 3 min. 40 sec.

VASTLY IMPROVED TEAMS TO MEET FOR SECOND TIME

Will Battle Tonight in Order To Decide 3-3 Tie of Earlier Meet

HARD BATTLE IS EXPECTED

In an effort to decide the 3-3 tie which the Boston University and Technology hockey teams played at the Arena last December, the terrier and the engineer will again come together on the Arena ice surface tonight. Both teams are greatly improved and have gained a wealth of experience since their last engagement.

Boston University has won, with the exception of one game, every contest in which it has competed since its meet with Technology. The strong sextets from Bowdoin, Cornell, Boston College and Hamilton have all been conquered by the Terrier and Harvard is the only team to which it has lost.

Gregoire Will Play

Technology will be represented by practically the same lineup that played in the game with West Point over the week end. Deignan will play in front of the net and Berkeley and Crandell will play in defense positions. Morton will in all probability play center and the positions on the forward line will be held down by Randall and Captain Niles.

In the meet with the engineers last December, B. U. was seriously handicapped by the absence of Gregoire from the forward line due to disagreement with the faculty. Since then the B. U. player has arranged things to the satisfaction of the instructing staff so that he will probably wield a mean stick for B. U. tonight.

Captain Moroy Kontoff is temporarily out of the B. U. lineup due to injuries received in an earlier game. Captain Kontoff was one of the star performers for the Terrier and his absence will probably be keenly felt. Viano is also temporarily out of the game due to complications with his studies and will not play tonight.

Coach Wiggitt has been giving the team hard practice sessions since the week end contest. A practice session Saturday night and one last night should put the team in pink of condition for the B. U. contest.

The probable lineup of the teams is as follows:

M. I. T.	B. U.
Randall, lw.	r.w., Lawless (Gregoire)
Morton, c.	c., J. Kontoff
Niles, Capt., r.w.	l.w., Scott
Crandell, lw.	ld., Ling
Berkeley, r.d.	r.d., Goldfine
Deignan, g.	g., Martin

The swimmers have at last induced another plunger to come out. Until this time the only man they had in this event was Ford. The new man, Snediker, has all the ear marks of a fine plunger, bending the scales to the extent of 250 pounds.

CRIMSON RUNNERS ENCOUNTER BEAVER ON BOARDS TODAY

Five Relay Teams Will Decide Supremacy at First Meet on Track

FRESHMAN WILL RACE TO

Both Varsity and Frosh Have Shown Great Promise Under Hedlund

John Harvard in the person of five varsity relay teams and the same number of yearling squads will visit Technology this afternoon in an effort to show the engineers how to run. That is what they propose to do at 3.15 on the oval board track and it is up to time to decide whether the Cardinal and Gray runners have absorbed enough stuff from Os Hedlund to reverse the tables on Eddie Farrell's pupils. This is one of the big track contests of the year with the Crimson and it is up to the Beavers to at least christen the new board track with a victory.

Farrell at Harvard has put out some strong relay teams to come over and run the engineers ragged, but Os Hedlund has also drawn up several running combinations that are expected to give the 'yard strollers' quite a surprise. Os last night declined to give the exact lineups of the baton-passers, preferring to continue to pursue the policy of keeping his plans in the dark.

One Lap Relays Strong

Of course the matches today will be but a preliminary to the big contest of the B. A. A. games to be held on Friday of this week. The Technology runners will again clash with the Crimson color bearers to finally decide the supremacy. Tomorrow's meet will be interesting as it will point somewhat to the results on Friday evening. Os has developed his men right along through the fall up to now with the winter season in view and this week the backers of the sport will have a real chance to judge the strength of the team.

In the one lap relay, Jack Weibe, Captain Chink Drew, K. E. Smith, A. H. Brown, P. L. Cole and A. R. MacClane have been selected as the probable runners. Os will choose four of these men for the team tomorrow. Eddie Farrell has adopted the same policy as the Technology mentor in selecting his teams. The Harvard team will be made up from the following runners, Miller, Chase, Murphy, Peck, Hull and Moyer. This gives the coaches quite a leeway in picking their squads so it will be quite interesting to see what the final selection will be. Miller, Moggio, Baker-Carr and Shipe, have been selected as the fresh team while Harvard will run four of the following men, Crosby, Gregg, Pollard, Allen, Scoll and Keeffe.

Frosh Race Promising

In the varsity three lap, Os has a fast team in Kauzmann, Howlett, K. A. Smith and Jeppe who will make the Crimson represented by Robb, Allen, Rogers and Lundell step right along. Saturday the time trials showed the men trying out for the quarter to very fast and so close were the various runners in their time results that Os had quite a job in selecting his team last night. He was still undecided as to whether he should run Bateman on the quarter mile relay in place of Kauzmann and place the latter in Glen's place on the medley relay.

Running for the frosh are Pete Kerwin, Cy Marr, Ed Chute and W. S. Bennet. This freshman race promises a lot of thrills as both yearling teams are fast and well-matched if previous records are anything to go by. H. Burns and Al O'Neil of Exeter and W. Taylor and Murchie are a team that Eddie Farrell hopes to keep intact during the season as the frosh show great promise. The frosh have a good schedule in meeting Dartmouth and Maine and the Unicorn meeting and today's meet will give Os a chance to see how

VISITING PLAYERS SHOW SUPERB PASSING GAME

Fast Traveling Brown Forwards Give Engineer Guards Plenty Of Work As They Storm Basket—Beaver Players Throw Wildly During Game

Brown won a decisive victory over the Beaver quintet in a slow game in the hangar last night. The Brown team broke the ice with a double decker after 10 minutes of milling around, and held a substantial lead up to the end. Brown uncorked a passing game which left the Tech team flummoxed on a number of plays. The Tech players seemed unable to find the hoop, and tossed wildly in its general direction time after time, while the Brown team devoted its attention to under the basket shots with telling effect.

For ten minutes, it looked like anyone's game, and then Brown got the feel of the floor and began dropping them through. Time after time Brown's forward was left unguarded to drop the point. Forrester heaved a couple which went over the back board. Ingram shot one which should have been good, but the ball jumped out. Brown sent in a pretty shot from the side, and followed it a second later with one from under the basket. Forrester then made Tech's first point after some clever pass work, about the only flash of team play shown in the whole game. The Brown forward broke away for two easy shots under the basket. Wilcox looped a double decker, and the half ended with Brown leading 12 to 4.

Second Half Is Fast

Play started in the second half with Tech showing no promise of a come back. Brown continued its under basket work, with Tech still shooting hopefully but vainly at the basket from afar. Hinck made his only contribution of the night with an underhand shot near the basket. Brown then threw an entire new team into the game. The fresh players had little difficulty to hold the tired Tech squad, and the game ended with Brown on the long end of a 29 to 14 score.

The game was full of stumbles and falls. Early in the game, Forrester ran into a Brown guard and time was called out for a few minutes. In the last period, Ingram got into a scrimmage with a Brown player and was knocked out for several seconds. Both Forrester and Ingram continued to play in the game.

Neither team had much opportunity to score points on free tries as there were very few penalties throughout the game.

Fast Six Lap Relays

In the six-lap relay Os has picked Bailey, Stephenson, Dinan, Spurr and Cheney. Harvard will run a strong team in Chapin, Haggerty, Kobes, Kane and Cutcheon all these men are fast half-milers. With the great Soapie Watters they will give the world-record holding B. C. flyers a good run this season as each man is a dependable runner.

This is one relay in which the Tech runners will have to show their stuff if they are going to pull through as the Crimson seem supreme over the half mile distance. For the frosh, Jope, Ryan, Bunting, Stone, Wallace and For the Harvard first year men, Hall, Nash, Prendergast and Collier will run. Brayton has been selected to carry the colors.

The nine lap race will be a good one with Defazio, Preston, Bemis, Hooper and Myrick running. Harvard will run Tibbetts, Ryan, Swede, Cutcheon and Smith. They make up a strong team and provides another relay in which the Beavers must hump themselves to win. For the frosh, Smith, McIntire, Austin, and Walsh are posted, while Harvard has Luteman, Jones, Hunt, Walter, Stebbins and Wright.

On the medley relay Brown, Bateman, Leness and Ronney have been picked to carry the Tech baton. Harvard's order has not been selected.

game. Feldman, of the visiting team, chalked up the only point on a free try.

Tuckerman and Williams starred for the Providence outfit, each having accounted for three of the visitors' baskets. Eager and Wilcox, with two baskets apiece, led the scoring for the engineers. Forrester who shot seven baskets in the game with Amherst Saturday had to content himself with only two baskets in the game last night.

Although the engineers came off on the small end of the score, they displayed a better brand of basketball than was shown by them in previous games at home this season. Their passing game is improving and the shooting eye is becoming much more keen.

BROWN M.I.T.
Tuckerman (Good), l.f. r.g., Ingram (Morgan)
Williams (Hayes), r.f. l.g., Eager
Danzell, c. c., Wilcox
Feldman, lg. r.f., Hinck
Wagenknecht, r.g. l.f. Forrester (Simonds)
Score—Brown 29, M.I.T. 14. Goals from floor—Hayes 3, Williams 3, Tuckerman 3, Wagenknecht 2, Feldman, Good, Danzell, Wilcox 2, Eager 2, Simonds, Hinck, Forrester. Goals on free tries—Feldman. Time—Two 20 m. periods.

When the Freshmen open their season against Malden this week-end, a fine line on their strength will be obtained. The varsity meet against Yale was not such an auspicious beginning, so the Frosh have a fine chance to win a little prestige.

There are several men on the Freshmen team that can beat the best that the Varsity has to offer. Their most promising star is Grover, who walked away with the dashes in the Interclass Meet, incidentally breaking the Institute record in the fifty yard dash.

Dorm Basketball

'93 defeated the Outlaws by an overwhelming score last night; Hope played a strong game throughout and excelled for the '93 Dorm team.

Runkle won from Atkinson by the close score of 24-22. Knight starred for Runkle and Ferguson for Atkinson.

'93	Outlaws
Hope, r.f.	r.f. Erickson
Bloomberg, l.f.	l.f. Vaughn
Latham, c.	c. Mayell
Innerasky, r.g.	l.g. Possiel
McFarland, lg.	r.f. Saltzman
Weinberg, l.f.	r.g. Glickman
Smith (sub. r.f.)	(sub lg.) Magnus
'93: 42; Outlaws: 4; 20 minute periods; referee: Knight.	
Runkle	Atkinson
Lucy, r.f.	c. Ruch
Knight, l.f.	r.f. Flaxington
Wollenden, c.	l.f. Ferguson
Partin, lg.	r.g. Small
Wills, r.g.	lg. Butler
Runkle: 24; Atkinson: 22; four 10 minute periods; referee: McFarland.	

GEORGE V. BROWN, General Manager

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January 21st, 1925

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ORGANIC CHEMISTS TRY HAND AT MODEL MAKING

(Continued from Page 1)

Some of the more attractive entries were made of jelly beans and hair pins, blown glass balls and glass tubing, buck shot and iron wire, and paraffin balls and copper wire. Several of the men who had constructed their models with gum drops and wire found nothing but the wire when they came to the office to collect their tetrahedrons. Students in the chemistry lab were seen munching on candy of apparent gummy constituency, but refused to admit that they had sacrificed somebody's model, at the expense of their appetite.

POWER TRANSMISSION LECTURE POSPONED

(Continued from Page 1)

General Electric Company has done much work with the laboratory study of lightning and its effects, the greater part being done under the direction of Mr. Peck. That company has a two million volt lightning discharge apparatus at their Pittsfield Works and there they test the various types of lightning protection apparatus that they manufacture. It is expected that Mr. Peck will also deal with the subject of lightning protection in his talk.

T.C.A. FURNISHES MEN AS REFEREES

Students Will Referee Basketball Games of Leagues in Boston

Under the supervision of H. W. Jones '26, director of the Social Service Department of the Christian Association, and A. J. Brockelman '25, manager of the Boys' Work division, men are being furnished from the student body here at the Institute to referee the games of the Finance and Retail Stores basketball leagues of Boston. The former league is made up of teams representing ten of Boston's financial organizations, and the latter of teams representing eight of the retail stores of Boston. Preliminary games will first be played to determine the championship team of each league and later inter-league games to determine the league championship. More service is being rendered by the Christian Association in providing referees for these games than is at first evident. An unusual opportunity for good healthy recreation in the form of supervised sport is thus afforded the employees of the different institutions and firms, the benefits from which they are able to obtain in no other way.

The ten financial organizations represented are: The First National, Federal Reserve, Liberty Mutual, John Hancock, R. G. Dun, Federal National, Hayden & Stone, Fields & Cowles, Sanborn & Company, and Aetna Life. The following are the eight retail stores represented: R. H. Stearns, R. H. White, Filenes, Jordan Marsh, Hovey, Houghton & Dutton, Brown Durrell, and Chandler Company.

NEW PLUNGER APPEARS PROMISING TO SWIMMERS

The new plunger that has come out for the swimming team is showing a great deal of promise. At the present time, he has not learned to control his wind, but when he does, he should be able to equal the best Cates, last year's plunger, ever did. Snediker, the new plunger, has the weight and the build, and with some practice should become a fine plunger.

EMPLOYMENT BUREAU IS SENT ODD REQUESTS

Man Is Wanted to Secure 125 Men for Cruise

In the course of its work, the Undergraduate Employment Bureau of the Christian Association receives many peculiar requests for aid in finding work and in finding men to fill unusual positions. Recently a middle-aged lady solicited the aid of the Bureau in finding work as a housemother and the Bureau, under the management of G. G. Speer '25, wishes that anyone representing an organization in need of a housemother would so inform them at the office of the Christian Association. Even more unusual is the request recently received for a man to get together between 100 and 125 college men who would like to take a three months trip by boat anywhere they wish to go. The price of the trip is \$1000 dollars, the trip being made in a boat with a speed of ten knots an hour, which will give the men ample time to take in all there is to see. The man who succeeds in getting together the desired number of men will enjoy the trip free of charge. Any student interested in this job may receive more detailed information at the office of the Christian Association.

TECHNIQUE EXPLAINS MYSTERIOUS POSTER

(Continued from Page 1)

Sections of the year book containing informals have always been of great interest the Technique Board believes, and it constitutes one of the things which makes the book more valuable in later years. The contest has been started to arouse everyone's interest in helping to make up that portion of the book, for it is impossible to compile a representative section unless the whole school co-operates. "If the contest brings forth the number of photos that it is hoped for," says Martin Walter, Jr. '26 of Technique, "this year's informal section should be the best published in a long time, and should greatly enrich the volume."

The photographer will be on hand again next Monday morning for a limited stay of two or three days. All Seniors who have not yet turned in their proofs should do so at that time.

PROFESSOR DEYBE IS SPEAKER AT SEMINAR

(Continued from Page 1)

This subject will concern aeronautical problems which are of interest to members and students of the physics department.

Professor Deybe's next lecture will come sometime in February, and will take up the question of duration of a quantum process in the light of recent controversy concerning the Compton effect between Professor Compton and Professor Duane of Harvard.

Professor Paul Heymans, of the physics department, who has charge of the seminars announces that he has secured members of the research and technical staff of the General Electric Company to deliver a series of lectures covering matters of common interest to physicists and electrical engineers.

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Notices and Announcements

OFFICIAL

SEDGWICK LECTURE
A Sedgwick Memorial Lecture will be given by Professor W. J. V. Osterhout on "Some Fundamental Problems of Cellular Physiology," in Huntington Hall, January 23, at 5.

POWER TRANSMISSION LECTURE POSTPONED
The talk on Electric Power Transmission by Mr. R. D. Booth '20, scheduled for tonight has been postponed until late next month.

WEATHER FORECASTS FOR THE ECLIPSE
"We learn from Bulletin 812 of the Harvard College Observatory that, "Special forecasts for the morning of January 24 will be issued on the afternoon of January 23 by the Weather Bureau. These will be telegraphed to observatories within the zone of totality and broadcasted from station KDKA and other transmitting stations. They will also be furnished for use by the late evening press."

5.942 RECENT DEVELOPMENT IN SCIENCE
The twelfth meeting will be held on Thursday, January 22 in room 10-250 at 4. Professor C. R. Hoover of Wesleyan University will talk on 'Hydro-carbon Fuels by Catalysis.'

ECLIPSE
Class-room and Laboratory exercises for the hour between 9 and 10 on Saturday, January 24, will be omitted.

UNDERGRADUATE CHORAL SINGING GS 58
A meeting will be held on Friday at 4:30 for a combined rehearsal with Mr. Townsend's mixed chorus, in room 5:330.

FRESHMAN RIFLE TEAM
Freshman rifle team members will meet in room 4-131 tomorrow, at 11:55 o'clock to elect a captain.

LYRIC WRITERS
There will be an important meeting of all men who wish to enter the competition for best lyrics for music of Tech Show 1925 in north hall at 7.30 to-night.

FENCING TEAM
The picture for Technique will be taken Saturday at 2.

WINTER CONCERT
The Winter Concert and Dance will be held in the Hotel Somerset at 8, Friday, January 23.

SQUARE AND COMPASS DINNER
The Square and Compass Club will hold a dinner on Wednesday, January 28, at 5:45 p. m., in the Faculty Dining Room, Walker. There will be music entertainment, and an address. All members and Masons cordially invited.

BOXING
All varsity men who have not turned in eligibility cards must do so at once. The coach will be at the hangar every afternoon next week.

AERO ENGINEERING SOCIETY
Several positions are open on the managing board. There will be a light plane constructed to fly in the annual races. Members interested call at the office, room 3-312.

T. C. A. HANDBOOK
Competition for the business and editorial staffs is now open for freshmen and Sophomores. Candidates call at the T. C. A. office, Friday, 4 to 6.

CHEMICAL SOCIETY
A trip to the Hood Rubber Co. in Watertown will be held Friday, January 23, leaving at 1:30. Sign up on bulletin board.

WINTER CONCERT
Signups will be redeemed in main lobby in ticket booth from 12-2 every day this week. Obtain additional tickets there or from any of the management.

CORPORATION XV
Corporation XV will run its next plant inspection trip Friday January 23 at 3 to the Carr Fastener Company. Signups for this trip limited to 25 men. Sign up on poster in room 1-175.

MECHANICAL ENGINEERING SOCIETY
Moving pictures of the Manufacture of Cadillac Cars will be given today at 4.00 in room 5-330.

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