Undergraduate News Organ of Technology

Vol. XLIV No. 72

CAMBRIDGE, MASS., FRIDAY, JANUARY 16, 1925

Five Cents

# **COMMITTEE DECIDES TECHNOLOGY CIRCUS WILL BE SPONSORED**

February 27 Selected As Date-Armory Is First Choice For the Event

NO FUNDS NOW AVAILABLE

Institute Committee Also Approves New House Rules For the Dormitories

February 27 is the date set at the Institute Committee meeting last night for this year's Technology Circus. If the use of the armory on Massachusetts Avenue can be obtained at a reasonable price it will be held there; otherwise, Walker or the Hangar gym will be used.

The motion to have a circus was passed without a single dissenting voice. The committee which recommended the circus reported that the reason for choosing the armory for the circus was because both the Hangar gym and the Walker gym are too small; and the main hall of Walker cannot be used because of the new

decorations. If the armory is unobtainable, the circus will probably be held in Walker gym, according to Austin Cole '25, chairman of the circus committee. The reason is that, while there is very little difference in size between the two gyms, the stands in the Hangar hold only a couple of hundred, so that they

Approve New House Rules are more in the way than good.

The committee announced that there are at present no funds available for the circus, so that if the student body is determined to have a circus it will have to support it financially. How the money will be raised has not yet been decided; nor is it certain yet how much will be needed.

At the meeting last night it was also voted to approve some new house rules for the Dormitories. The changes were made necessary by the establishment of the new Lounge Room

The new rules declare that ladies are to be permitted in the Lounge between th hours of 9 o'clock in the morning and 9 in the evening. Ladies are not to be permitted elsewhere in the dorms except on Open House Day. Men in the Lounge must at all times be fully clothed. No gambling is to be per-

One other Dormitory rule accepted at the same time provides that no music shall be played in the Dorms after 8 o'clock at night except on Saturdays Sundays, and Holidays. The ruling includes radio loud speakers.

The following men were absent: D. A. Shepard '26, P. I. Cole '27, J. H. Hooks '25, C. R. Muhlenberg '25, H. C. Hoar '25, and E. E. Chute '28.

#### OVER 600 ENROLL FOR STATE RADIO COURSES

The university classes in radio, given at the Institute, have grown to record size. Over six hundred registered last Tuesday, and more may come in at the next class. The attendance is highest in the elementary class, only fifty entering the advanced class.

H. M. Lane, Institute instructor, is in charge of the beginners this term. He states that some knowledge of algebra is necessary. The class will cover the same ground as last term, there being but two classes in existance at present. The first lecture was on the simple crystal set.

The advanced course, in charge of Mr. Lack, of Harvard, carries the students of last term a little further into the study of radio principles. It is

necessary to have some knowledge of radio to enter this course.

### Man Electrocuted Not A Technology Student

Contrary to a story appearing in last night's "Boston Telegram," Milton Silva, who was electrocuted in the transformer department of the General Electric Company at Lynn, is not a Technology Student. According to Professor W. H. Timbie, in charge of VI-A, the youth killed yesterday was a technical apprentice.

#### Junior at Institute Stops Runaway Team

A serious runaway was narrowly averted Wednesday morning by M. B. Morgan '26. Morgan was walking along Massachusetts Avenue, near Newbury Street, on his way to the Institute, when he saw a pair of horses attached to an ice wagon become frightened in the absence of the driver and start to dash up the street. He started in pursuit and managed to catch the runaway pair before they caused damage to either themselves or passing traffic.

## JUNIOR PROM WILL BE HELD APRIL 21

Dance Limited to 400 Couples-**Action Taken at Committee** Meeting

Although the first meeting of the Junior Prom Committee was held last term, nothing definite was done regarding the Junior Week diversions since the purpose of the get-together was more to allow the men an opportunity to become acquainted with each other than to decide on matters pertaining to the Prom. The second meeting of the committee, which occurred last Tuesday evening, was more productive and several details regarding the annual event were settled.

The 1926 Junior Prom will be held on the evening of April 21. The place at which the affair will take place has not been decided on yet. It is likely, however, that it will be held at the Copley Plaza Hotel, where most of past proms have occurred, unless the committee has some radical objection to making reservations at the Copley. While the committee has said nothing regarding the duration of the affair, it may be noted that last year's Prom ran from about 10 until 4 o'clock.

Sign-Up System Used

Posters advertising the Prom will be needed in the near future so that the committee has decided to run a poster competition to secure the necessary grade of art work. It has usually been found that a better grade of poster is produced when the element of competition enters into the production.

The prom tickets will be sold on two installments, that is by the sign-up system, again this year. The committee does not wish to let the price of the tickets be known as yet but announces that the sale of sign-ups will take place on March 2, 3, and 4 and that the number of signups will be limited to 400.

### REGISTRATION DROPS SLIGHTLY THIS TERM

Course VI Leads With Course XV in Second Place

Figures given out by Registrar J. C. MacKinnon yesterday show that registration has decreased 112 since last term. The figures show a present total registration of 2826, while that of the first term was 2938.

Registrar MacKinnon declares that

the decrease is a normal one, some of the students leaving of their own accord, some because of illness, and a few at the request of the Faculty. Although the registration of the first term was slightly below that of the first term of last year, this term's figure is larger than that of the second term of

last year by nine. The first six courses having the largest individual registration are, respectively, as follows: Course VI, Electrical Engineering, 412; Course XV. Engineering Administration, including all options, 406; Course II, Mechanical Engineering, 378; Course I, Civil Engineering, 318; Course X, Chemical Engineering, 240; Course VI-A. Electrical Engineering Cooperative Option, 216. The other courses run ali the way down to Course IX-C. Mathe- a little lower he opened the gas release matics, which has only a total of nine

### PROF. A. S. KINSEY WILL SPEAK AT M. E. SMOKER

Professor A. S. Kinsey, Advisory Service Engineer of the Air Reduction & Sales Corporation, and Professor of Shop Practice at Stevens Institute, will speak on the subject, "Industrializing the Air," at a combined meeting of the motors. He explained why the radial, charge of at least one dance, the comMechanical Engineering and American air-cooled motors are superior to the mittee is all set for the crowd this eve-Welding Societies.

## **DOCTOR STRATTON RETURNS TO DESK** AT THE INSTITUTE

Many Plans Suggested for the Disposal of Eastman's Recent Gift

PRESIDENT FAVORS CIRCUS

Pensions for Retiring Faculty Members and Advance In Salaries

"Nothing definite has been done, or vill be done for some\_time, about the Eastman money," said Dr. Stratton yesterday. "I have, of course, some ideas about the use of the gift, but the problem is too complex to be decided in a

hurry."

"I am back at my desk again, and doing my regular work," said the president. "Everything will be considered in its turn. Active work on some sort of plan for the disposition of the money has begun, and an announcement will be made as soon as anything definite is decided.

"It will be impossible, of course, to do all the things that have been suggested. In the first place, the money would not cover so many things; moreover, our 'unrestricted funds'-the money which furnishes our incomerave been seriously depleted within the last few years, and it is advisable to put part, at least, of the new money with these funds.

Advocates Loan Fund

"Among the things which have been suggested, and which will probably receive earliest consideration are the raising of the salaries of some members of the instructing staff, and the establishment of a pension fund for retiring members. These two uses for the the money are likely to be of greater benefit than any other, since it will enable the Institute to attract to itself men of the highest ability.

"Another this which I should like to see, if it is possible, is a loan fund for students who cannot afford to pay their way through. Mr. Swope had somewhat this same idea in mind, but he proposed to raise the money by an increase in tuition. The receipt of the gift from Mr. Eastman eliminates the necessity of resorting to the Swope plan, although we are by no means through raising money.

"As to the two-term system, which the Faculty has recently approved, there is nothing to be said about it. It has been approved, and will go into effect next Fall, so that any discussion

on the question is pointless. "This Technology Circus, which the Institute Committee is considering seems to me to be a very good idea. With Tech Night abolished, the stu dents are looking for an opportunity to let off their surplus energy, and such a thing as the circus, which keeps then within bounds, is much better than a trip through the streets of Boston. I have little doubt that a circus will be held.

#### **AERONAUTICAL SOCIETY** SEES AIRPLANE MOTORS

#### Merits of Air Cooled Engines Discussed at Meeting

Lieut, R. H. Wells and Warren Noble addressed the Aeronautical Engineering Society at their smoker Wednesday. Mr. Noble described the difficulty of airplane engine design, and mentioned several types. Special emphasis was laid on a small engine for a light airplane, as the society may design one. A cylinder of an air-cooled motor, having hydraulically operated valves was exhibited.

Lieut. Wells was once flying over a city in a balloon, and desiring to come valve. On reaching the proper elevation, the valve would not close. The aviators threw all their ballast overboard to prevent falling in the heart of the craft was a total loss.

conventional water-cooled types.

# Walker Crowded While Members of the Faculty Revel in Joyful Party

Goodyear Official Who Will Speak Here Today



P. W. Litchfield '96

## ALDRED LECTURE WILL COME TODAY

P. W. Litchfield to Speak On the Aircraft Industry From His Experiences

"Vision and Time Value in Industry" is the topic of the first Aldred lecture of this term to be delivered by P. W. Litchfield '96, this afternoon in room classes for these men being omitted at relying on Professor R. G. Hudson to that hour.

Chemical Engineering course, is first vice president of The Goodyear Tire and Rubber Company of Akron, Ohio, and also vice president and general manager of The Goodyear-Zeppelin Corporation. He joined the Goodyear organization in 1900 as production superintendent, and since that time supervised the construction of more than 60,000,000 tires, the largest tire production credited to any one man in the

Mr. Litchfield has been actively interested in aeronautics for a great many years, especially in the field of lighter-than-air craft. The activities of The Goodyear-Zeppelin Corporation, which has taken over the Zeppelin rights for America, have made Akron the center of lighter-than-aircraft construction in this country. Goodyear established a 500-acre balloon field at Wingfoot Lake in 1916, and during the war 500 officers of the army and navy were trained as pilots at Goodyear Field. In 1923, several power, propelled airships were built for the army and navy, including the two largest nonrigid ships ever built in America. The lecturer has directed the con-

(Continued on Page 4)

### DORM DANCE TICKETS ARE NEARLY SOLD OUT

Tickets are practically all sold for the first informal Dorm Dance of the term, which will be held tonight in the main hall of Walker from 8 until 12 o'clock the city. They barely succeeded in to the music of Billy Lossez's Orchesgetting to the outskirts, landing in a tra. However, it will be possible for field and saving their lives, although anyone who has not yet secured his ticket to do so in the main lobby today Warren Noble told of the ingenious at the usual hour. With E. F. Knight devices used in designing airplane en- 26, of the Junior Prom Committee. gines. One of these is to substitute a directing the affair so that each memdisk for the usual crank shaft in small ber of the Prom Committee will have

# MRS. SIMPSON AND PROFESSOR HUDSON WIN FIRST PRIZE

Professor Hamilton '14 Awarded Degree As Master of **Faculty Action** 

OTHER PRIZES AWARDED

No gloom or glassware, except as specifically authorized, shall be in the possession of members during this contest," stated the program of events furnished at the "demonstration of Faculty action," which took place in Walker last night. About 100 were present at the party, open to all members of the Faculty and their friends. The affair was arranged by the Faculty Club, Professor L. F. Hamilton '14, being at the head of the committee in charge.

Mrs. S. G. Simpson received the first prize for the highest score among the ladies, and Professor R. G. Hudson was awarded first prize for the highest score among the male contestants. The prize for the highest bridge score was awarded to Mrs. Henry Fay. Mrs. E. H. Huntress and Professor F. H. Bailey each received prizes for having scores which were closest to two numbers selected by the committee At the close of the party, Professor L. F. Hamilton, in appreciation of his efforts in planning the party, was awarded the degree of M. F. A.—"Master of Faculty Ac-

Following an attempt on the part of those attending to digest a dinner, the menu of which is printed elsewhere in this issue, telegrams were delivered to several of the Faculty. Bursar H. S. Ford received the following message, 'Collect \$3 from the committee: your reservation was received after the time limit set by the committee. As this is your first offense we will not collect the usual fee of \$5." The bursar refused to accept the missive with the \$3 tax. Another telegram was forwarded 10-250 at 3 o'clock. All Senior and from Professor W. H. Timbie, stating Graduate students are invited to attend, that he was unable to attend but was Mr. Litchfield, a graduate of the course VI.

(Continued on page 4)

#### CHEMISTS TO MEET AT LUNCH AT NOON TODAY

#### H. C. Lythgoe of State Food and Drug Division to Speak

Today at 12 o'clock in North Hall, Walker, the second luncheon under the auspices of the Chemical Society will be held. The Chemical Society is planning on holding a number of these dinners this term on account of the widespread satisfaction commented upon by the students attending the dinner last

From all accounts available this dinner is to be more elaborate than the last. Mr. H. C. Lythgoe will tell of nis personal experiences while established with the State Food and Drug divison, including some stories intended to thrill the most bored of Tech students. On account of the nature of the talk the Chemical Society has been forced to forego the pleasure of having the Cleoians of the Institute as guests and have issued the decree that this dinner will be a bachelor affair.

## CALENDAR

Firday, January 16

3:00—Aldred Lecture, room 10-250. 5:00—Tech Show Orchestra, north hall, Walker. 7:45—M.E. smoker, room 5-330. 8.0 -- Informal Dorm Dance, Walker.

Sunday, January 18 7:00 - Tech Show music and lyric writers,

Monday, January 19 2.30 -Technology Dames meeting, Emma Rog-

Friday, January 23

8:00-Winter Concert and Dance, Hotel Somer-

A Record of Continuous News Service for 43 Years



Official News Organ of the Undergraduates of Technology

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G. C. Houston '27

#### A NEW CIRCUS GROUND

THE circus is coming to town! At yesterday's meeting of the Institute Committee it was decided that Technology would have a circus this year, and now nothing remains but to choose the place where it will be held, and to start preparations for it. Right now is the time for everybody to get under way for the event.

The last circus at the Institute was a good one, but there is no reason why this year's should not be even better. There is over a month to get ready in, which is certainly ample. As it is possible that the circus may be held in the armory across from the Institute there will be plenty of room for many events, and for specialties which demand a lot of room. There are few all-Technology gettogethers which offer as unlimited opportunities for humor, local talent, and ingenuity as does the circus.

The innovation of holding the circus in the armory is necessary because of the impossibility of having it in the newly-decorated main hall of Walker. If it is possible to engage the armory, the money for its rental will have to be raised by subscription. The advantages of the armory over either of our small gyms are obvious, however, and sufficient spirit and interest ought to be shown to back up the circus committee and subscribe the necessary amount, if a request for subscriptions is made.

### AN IDEA FROM TEXAS

**PELIEVING** that good physical condition is a great asset in pass-Ding examinations, the University of Texas has made it a rule that students must regularly attend gymnasium classes during the week before the finals. The condition of one's body determines in a great measure the sort of efficiency that may be expected from the mind. This is a much neglected but very important factor in keeping at

This frequently overlooked phase of preparation for tests might be remembered by the undergraduates at Technology. There has always been entirely too much cramming for examinations in the past. Few men realize that an hour of exercise will put them in better shape than a frantic last minute effort to review weeks of work in one evening. We do not advocate so radical a step here at the Institute, as it is generally believed that the men here are sufficiently experiencd to take care of themselves.

Students here are of the opinion that they are grown up, and that they no longer need supervision as to the details of their daily life. They resent interference, but are, on the whole amenable to reason. Remember that physical fitness is not a secondary consideration. It is of vital importance. It is just as necessary during the term as during examination week.

The brain is a part of the body and if the body is not up to snuff, the brain will have to fall down in its efficiency of operation. If the body is allowed to deteriorate through lack of exercise, the mind will of necessity suffer detriment. Every one knows, of course, that a great deal of work is essential here, but a little time each day can be given to the body.

Regularity in eating and sleeping with a bit of outdoor exercise daily throughout the term will help a vast deal more than intensive cramming just before the examinations. You will be able to face your tests with a cheery confidence that will be surprising.

### A NEW ACTIVITY

PISTOL Club has been organized at the Institute and is to A start active operations shortly. It is a step in the right direction. For years—ever since the frontier days, in fact—America has been famous for her marksmen. The pistol is distinctly an American weapon. No other country can claim the honor of being able to handle the "one-handed gun" better than we can. It is only right that we, the coming generation, should do our part in keeping the old tradition alive. The reputation for straight and fast shooting that was gained for America years ago must not be lost. We are glad that the students at Technology are sufficiently interested in the manly art of pistol shooting to form a club that they may get more of it.

Nothing is of more value to the engineer than steady nerves, and few sports can develop steadiness better than squeezing off shot after shot at a bull's eye that refuses to stay still. When a man can hold consistently in the black, he has mastered the art of quieting jumpy nerves. Again, we say that we are glad that our incipient engineers at the Institute are to have the opportunity of learning SELWYN: "In the Next Room." Mystery, to shoot that they may improve not only themselves through learning to make the muscles work with the brain and eye, but are also to have a chance to keep up our country's reputation for turning out men who know how to handle guns. There are many men now out for the Club, and we hope that more will support it in the future.



Seldom has the Lounger been more sorely tempted to reveal his identity than he was the other evening. A charming young person to whom he had just been introduced started off with the old familiar line: "Oh, I've heard all about you—you're on THE TECH, aren't you?" Admitting this, he was next asked: "Do you know who writes those screamingly funny things in T. E. N. or THE TECH or what ever it is, who calls himself the Lounger. He must be simply adorable! I'd love to meet him—it would be so thrilling to be able to say I knew him! You simply must find out who he is and tell me." Quite an inducement to drop the incognito, was it not? However, since few people except his immediate friends know that he is responsible for the hokum in this column he deemed it advisable to remain un known to his newly discovered admirer He told her, however, that he might be able to forward any letters to the Lounger himself, believing that if the

While the Lounger is as modest as is compatible with his being human, still he does not always hide his head under a bushel. In other words he must have some meed of praise and adulation and to this end there are certain privileged orings at the Institute who know the Lounger's identity. Hence, to mix our metaphors and definitions, we did not keel over backwards from our editorial chair when we were hailed by a whisper in the corridor. "Hello, Lounger, I've got some good stuff for your colyum."

letters were sufficiently alluring, he

might answer them.

'Quick, out with it, friend," quoth I 'my Applied, my 6'85, my colyum, and my new crossword book await." "Something awfully interesting or funny or both or something happened in Prof. Berry's heat lecture this morning. I didn't follow it exactly but it was something about sound and jets. Maybe it was about a steam whistle," he added hopefully. "You can get the details from anyone. I didn't exactly follow saying which he departed in haste.

With such a cue the Lounger is not slow to act. Under the guise of being a member of the class and having cut for once in his life, he cornered his acquaintances and begged for information. None was forthcoming, the best attempt being a notebook full of dia-

If anyone can explain the matter the Lounger would appreciate a letter from him. He hesitates to approach Profeshim. He hesitates to approach Professor Berry for that worthy gentleman might recognize in the Lounger the man on the first row center who took the course twice before.

The Lounger is beginning to wonder here the cross word puzzle craze is going to stop, if it is ever going to stop at all. Egad, it is bad enough to see the butcher, the baker, and the candlestick maker wasting their time and brains and pencils on the infernal things, but when it comes to putting up signs on every lamp post bearing an "important notice to cross word puzzle fans," things are getting pretty thick. One can't even go for a walk any more without having cross words (puzzles) thrown at him. Not so long ago the British press was openly scoffing at this country for our amazing enslavement by puzzles, and now, lo and behold, the English public is rapidly going as crazy over cross words as they are here.

The Lounger hopes that the students will be kind-hearted enough to forgive the members of the Faculty for appearing before their classes with black rings under their eyes this morning. We who have attended wild Saturday night dances at the Y., W. C. A. can readily understand why our otherwise serious professors appear to be so bleary-eyed today-who wouldn't feel like a wet rag after a night of dissapation such as they enjoyed at last night's "demonstration of Faculty action?"

Every department at the Institute was well repersented at the joyful gathering—the first of its kind ever at-

## Play Directory

COLONIAL: Earl Carroll Vanities: Good in

COPLEY: "Children of the Moon." Strange tale of love and pathos. HOLLIS: "The Rivals." Something you should

MAJESTIC: "Dixie to Broadway." show. Last three times.

PLYMOUTH: "Cobra." Story of a female

ST. JAMES: "Disraeli." Intrigue of an ear-

Last three times. Charlotte Green SHUBERT: Ritz Revue. wood. Last three times.

TREMONT: "Be Yourself." Average musical

WILBUR: "Expressing Willie." Very enjoyable comedy.

tempt-from the stuck-up Department of Engineering Administration to the lowly Physics department. representatives were also on hand to see to it that none of the Faculty rules were violated. Unfortunately Dean Talbot and President Stratton were un-Unfortunately Dean able to attend. But Bursar Ford was there—that was fine!

The Lounger actually detected apparent cribbing on the prof's score cards! Under the unique system of scoring, each contestant was to credit himself with 10 points for each new acquaintance he made at the party. Yet some of our eminent Faculty would shake hands with "Mr. Jones" in the basement in Walker, credit himself with 10 points, meet "Mr. Jones" two minutes later in the lounge, chalf up another 10 points for himself, see Mr. Jones again in north hall, scribble down another 10 points, etc., etc., an infinitum. Of course one can't be expected to remember new faces for over two minutes-it's not profitable when it comes to winning

The radio concert furnished considerable amusement for most of those at the party. Then of course there was the additional advantage of being able to credit oneself with 20 points when-ever he heard the friendly voice "WE-

#### **BOSTON COLLEGE FROSH** PUT OUT A NEWSPAPER

Boston College has a wide awake Freshman class as evidenced by the recent appearance of a newspaper pubby them. "The Eaglet," born publication, deals with Class affairs in detail and devotes itself generally to the production of the best of relationship between the Class and Alma Mater. The "Heights," B. C.'s official publication, has congratulated the new and promising publication recognizing it as a welcomed colleague

## Church Directory

The First Baptist Church of Boston Sunday, Jan. 18:

10:30 A.M. Morning worship by Dr. Austen K. deBlois.

12:00 Noon: Students' Discussion group in church vestry. Question: "Racial Equal-

7:30 P.M. Students' Social Club. Speaker for Jan. 18th Prof. Kirtley Mather, of the Dept. of Geology, Harvard.

Mount Vernon Church-Mass. Ave. and Beacon St., Boston

Sunday, Jan. 18.

7:30 P.M. Young Peoples' Society meeting. Discussion led by Robert Bullard, Harvard '24, on the subject, "Good Sportsmanship among the Sexes." Followed by social hour in Herrick House.

Prospect St. Congregational Church (near Central Sq., Cambridge)

Sunday, Jan. 18.
10:30 A.M. Worship, Sermon by the pastor, Rev. W. M. Masnair. "How Man Knows About God."

12:00 Noon: The "Triangle Class," led by Mr. Roy E. Combs, Mass. Hi-Y Secretary. The Prospect Class of men led by W. M. Macnair.

7:30 P.M. Service of worship: Sermon subject "The World Court as a Help to

Temple Irsael—Commonwealth Ave., at Blandford St., Boston, Mass. Saturday, Jan. 17, 10:30 A.M. Rabbi Wolk,

"Straw and Bricks." Sunday, Jan. 18, 11:00 A.M. Rabbi Levi, "Common Ground."

Sunday, Jan. 18, 8:00 P.M. Council of Jew-

Second Church in Boston (1649), Beacon St., cor. Audubon Rd. Eugene Rodman Shippen, Minister Sunday, Jan. 18

11:00 A.M. Morning service. 6:30 P.M. Young Peoples' supper (20c) 7:30 P.M. Young Peoples' discussion.

Trinity Church. Boston Sunday, Jan. 18 10:00 A.M. Young Peoples' Classes.

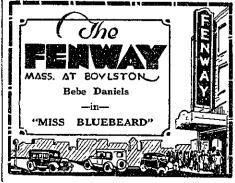
11:00 A.M. Morning Prayer and Sermon by the Rector.

4:00 P.M. Evening Prayer and Address by Rev. Arthur O. Phinney. "The Christian

5:30 P.M. Young Peoples' Fellowship Discussion-Subject "My Idea of God." 7:30 P.M. Evening Service and Address by Rev. George C. Gibbs.

First Presbyterian Church-Columbus Ave. and Berkeley St., Boston

10:30 A.M. Morning Worship. 12:00 Noon Students' discussion class, led by M. S. Bush, Student Pastor. 6:00 P.M. Supper for Young People. 6:30 P.M. Young Peoples' Meeting. 7:30 P.M. Evening Worship.



## LIBRARY EXHIBIT FEATURES FCI IPSF

Institute Was Interested In Previous Eclipses of Sun Seen Abroad

A large collection of books are available on the eclipse in the Central Library. There is a case full of books exhibited, in which some of the illustrations are: a colored picture of the corona showing it as it will actually appear; numerous photographs of polar tips and of the long streamers sometimes seen, and a shadow bands which immediately follow the total eclipse. The reports on the two Institute expeditions are also in this group.

A. E. Burton, former Dean, was in charge of both expeditions. The first was to Washington, Georgia, May 28, 1900, to obtain data on the first eclipse in this country since 1869. The next attempt that the Institute financed was May 18, 1901, to the island of Sumatra. in the northern part of the Indian Ocean. This was an exceptional eclipse, the duration being six minutes. This was an exceptional A great effort was made to photograph the clusive shadow bands, but owing to their rapid motion and extreme faintness no image of them was recorded.

The library has one book which describes the laboratory production of a corona. The colors of the sun are reproduced as nearly as possible, and an effort is made to study the phenomena in this manner.

LECTURES ON PHYSICAL **CHEMISTRY UNDER WAY** 

Professor Devbe Comments on Laboratory Equipment

Professor P. Deybe, who is giving a cries of lectures on modern physical Themistry under the auspices of the Department of Physics, stated that as a whole the laboratories at Technology were very well equipped, but that the equipment in the department of Physics was not as complete as he had ex-

Many letters have been received by the Physics Department accepting the invitation of the department to attend Professor Deybe's lectures. Invitations were sent to the leading universities and colleges of the East, as well as to the research departments of several leading manufacturers. The first lecture was well attended, many having to stand. The Physics Department expects to secure a alrger lecture room to provide room for the large attend-

This is Professor Deybe's first trip to America. After the conclusion of his lecture series at Technology, he expects to secure a larger lecture room tour the country before returning. A lecture will be given each Monday and Friday until March 16 by Professor Deybe at the same time and place.

Young Men's Clothing Distinctively Tailored to Your Measure. Annual Pre-Season Sale of Clothing hand-tailored to your measure at one-third below the regular prices. A wide selection of correct imported fabrics embracing British Tweeds, Irish Fleeces, Scotch Homespuns, West of England Cheviots and Serges, as well as best Domestic fabrics. The finest craftsmanship only-every garment tailored to meet your ideals. Until February 1st Only 35.-50. formerly 45. to 65. MEN'S CLOTHING OF DISTINCTION 562 Fifth Avenue, NewYork

Entrance on 45th Street

# BEAVER MERMEN MEET YALE TONIGHT

Hockey Team Takes On West Point and Briarcliffe Lodge Over Week End

Wrestlers To Meet

Yale Grapplers in

Contest Tomorrow

# ELIFA VORED TO WIN IN INITIAL CONTEST FOR ENGINEER TEAM

New Haven Team, If Victors, Will Retain Scheelein Trophy-Armstrong and Himrod Expected To Make Fast Time In Dash

Tonight the engineer swimmers meet the fast traveling Bulldog team in the annual Technology-Yale dual meet. Through the natural element of the Beaver is supposed to be the water, all appearances favor the Bulldog to come out ahead tonight. Yale has a crack team as usual this year, and it is going to take one of the best teams in the country to send them down to defeat. There does not seem to be a weak spot in the lineup of the Yale team, and though the Institute team has several promising stars, it is doubtful whether they will be able to offset the balance of the Bulldog delegation.

**QUINTET PLAYS TWO** 

**WEEK END MATCHES** 

Meet Williams College Today and

Amherst Tomorrow—Both

Games Away

The basket tossers have been hard at

work every night under Coach Mc-

Carthy's direction in preparation for a

neavy week-end schedule. On Friday night they will clash with Williams,

which has a strong team this year, having won four straight games. They

after the win in the Northeastern game. Saturday night will find the Tech

team opposed to the Amherst quintet.

Amherst has just started their season, defeating Clark University, Wednesday

night, by a large score. Judging by this one game, they would seem to have

The players have been showing up

well in practices, and the rough spots

Forrester have been making their long

shots drop through regularly,

guards, Eager, Ingram and Caine.

FRESHMEN HOOPSTERS

The freshman basketball team has

been revamped by Coach Luke Bannon

during the past week, and is ready to meet Dean Academy Saturday night at

declared ineligible by the Dean's office

Northeastern freshmen, and necessi-

The practice of the last week has pro-

duced a team which is much stronger

than the one in the game last Saturday.

Dean is reported to have a strong team, but the frosh coach is confident that

his team will put up a good fight. Capt. Estes and Mock showed up well

in their first game, and will help form a strong combination. Estes, Ross, Mock, Bianchi, Cohen, Procter, Riley and Larsen will make the trip to Dean

and will probably all be used in the

lineup.

tated putting new men in the ilneup.

developed by the Northeastern game

he man who will probably cause the Eli mermen the most trouble is Ralph Johnson, hailing from Hawaii where swimming is considered almost as important as walking. Johnson's pet event is the backstroke, in which he looks like a coming champion. Every day he is cutting his time more and more, but whether he can equal the fast Yale time of 1:12 in the 100 yards is doubtful.

Relay Is Fast

Armstrong has shown marked improvement in the 50 yard dash, and may furnish the element of surprise by coming through in this event. At the poo Wednesday he was clocked unofficially in the time of 25 seconds, which is the best time he has shown this year. He will not only swim the 50 yard dash, but will swim with Johnson in the backstroke, and on the four man relay. Johnson will swim in the 220 yard swim, and on the relay, besides swimming the backstroke.

The relay is fairly fast, but there is

little possibility that it can defeat the four man Yale team, each man of which can man Yale team, each man of which can do the fifty in 25 seconds. The team is composed entirely of the Sophomore relay team, with Captain Bill Walworth swimming perhaps in place of Weis Weis is swimming probably in the 100 yard swim, and if he does Walworth will probably take his place on the relay. Walworth's main event, however, is the breast stroke, in which he and Ed Kerns are does not seem possible that either Walworth or Kerns will be able to cut their time to compete with the fast Yale swim-

The dives are well taken care of by Woods and Higgins, who both showed The men who will make up the squad Haven trip. excellent form in the Interclass Meet. are: Center. Wilcox; forwards, Hinck, This event seems as strong as any on Simonds. Forrester or Timmerman; excellent form in the Interclass Meet. the Yale lineup, yet there is a fair chance that these two men may come through with enough points to give this event to the Beaver team. The 100 yard swin has Parsons and Weis entered with a possibility that Weis will not swim. He is entered in several other of the events on the program.

If Yale wins the meet, as all indications point to its doing, then it retains permanent possession of the Scheelein Cup, which is offered each year to the winner of the dual meet between Tech-nology and Yale. The cup must be won five times and as Yale has already four legs on the trophy, a win tomorrow will insure permanent possession.

# Dorm Basketball

Nichols defeated Crafts 8 to 3 and the Chinese team won over Ware 33 to 3 in the second round of inter-dormitory basketball games played in the Walker Gym last night. The Chinese team had no trouble in winning their match. They established a substantial lead in an early period and held it throughout

CHINESE Bearg, 1.f. 1.g., Sun Reith, c. c., Shih Gordon, l.g. r.f., Chaug Robinson, r.g. 1.f., Hsin Substitutes-Huang and Chu. NICHOLS CRAFTS r.g., Donald French, 1.f. 1.g., Doelger c., Kennedy Cory, r.f. Richardson, c. Hayes, l.g. r.f., McCarthy Ashworth, r.g. 1.f., Myrick Substitutes-King, Dousette, Hall, and Chip-

Manager Charles Poore of the Techarrangements for a return engagement nology hockey team has just completed with the B. U. sextet to be played on the Arena surface next Wednesday. Of increasing the number of oarsmen a mass filled with the following lineup: This match should decide the 3 to 3 tie made when the two teams met last December.

Wednesday. Of increasing the number of oarsmen a great deal before the conclusion of the winter season.

Stroke. Valentine; 7, Laurie; 6, Latham; 5, Horle; 4, Collins; 3, King; 2, cember.

### Technology To Be Represented By Almost Same Team As Beat Northeastern DRUMM IN FOR JACOBSON

Technology's wrestling team will take on the Yale grapplers at New Haven tomorrow in the engineers second meet of the season. It will be the first match for the Bulldog team which numbers among it three of Eli's veterans which defeated Technology in the wrestling meet last year. The meet with Yale is one of the toughest assignments for the engineer wrestlers during the coming season and will provide a severe test of thir skill.

Technology will be represented by essentially the same team that decisively trimmed Northeastern last Saturday with the exception that Drunnn will wrestle in the 145-pound group. Drumm defeated Jacobson in an elimination bout in the hangar Wednesday after-

#### Winnick Meets Kurtin

Yale will be represented by three veterans and is reported to have a wealth of new material this year which has helped Eli in turning out an exception-ally strong outfit. Sarnoff, who is reputed to be a plucky little fighter, will wrestle in the 115-pound class.

Winnick of Yale will again meet with Kurtin of Technology in the 125-pound bout, the same contest being taken last year by the Yale grappler in the quick time of 3 min. and 32 sec. Cohon wrestling in the 135-pound group, will take on Capra of Yale, an Eli veteran, who defeated Lockwood of Tech last season. Capra is conceded to be one have the advantage of having played season. Capra is conceded to be one more games, but the Beavers should of the most dependable wrestlers on the Bulldog team. The season of Druggy in the 145-

The opponents of Drumm in the 145pound group have not yet been chosen but will, in all probability be either Winters or Hogg. Captain Fred Greer of the Beavers will wrestle Thielans or Roberts of the Eli team, and Dick Tryon of the 175 pounders will come up against Russell of Yale.

Yale has two wrestlers in the unlimited class. Tuttle and Guernsey, who are both very heavy men and require a the entries. Taliferro did this event for have been polished off. Hinck and good deal of beef to tack their Yale in the fast time of 1:15 and it Forrester have been making their long shoulders to the mat. It is very probable, Manager Cummings said yester-Both games will be played away from day, that the unlimited bouts will not home, the first one at Williamstown be held since Burke, who is the only and the one on Saturday at Amherst. heavyweight on the engineer team, has day, that the unlimited bouts will not The team will leave tomorrow morning. found it impossible to go on the New

#### INTERFRAT BASKETBALL **GETS UNDER WAY AGAIN**

Interfraternity Basketball has been PLAY DEAN TOMORROW started again this year, and the schedule will be made up the first of next week. The competition for the Basketball Cup, which is held by Delta Tau Delta, will be in the form of a straight elimination contest. Twelve fraternities have insent to determine ties have joined to date, and any other Franklin. Four of the regulars were members of the Interfraternity Conference wishing to enter are asked to com-municate with J. A. Lyles, 255 St. Paul last Saturday just before the game with Street, Brookline, before next Sunday.

The fraternities entered in the comoctition are: Kappa Sigma. Phi Mu Delta. Phi Kappa. Lambda Chi Alpha.

Sigma Nu. Alpha Tau Omega. Delta Kappa Epsilon. Delta Tau Delta. Phi Gamma Delta. Theta Chi. Sigma Chi.

# Varsity Crew Goes Through First Workout at Boathouse Wednesday

Wednesday afternoon marked the the term all the crews of the three upfirst day of crew practice at the boat- per classes will practice three times house this term. At a little after five o'clock the Varsity went onto the machines and went through their first hard workout. The first and second insofar as the sechedule includes such 150-pound eights were also put through a stiff practice. As a result of a plea and training is essential. Every night for more men at the dinner Tuesday night, numerous new men came out on men take a short sprint before getting the first day. There is yet a great need dressed. of more material and Bill is in hopes

From now on until the remainder of Frink; bow, Hamblet.

each week. As soon as the warmer weather reappears these practices will increase in number. Bill is absolutely set on winning every race this year, and worthy opponents, consistent practice after the workout on the machines, the

For the first night the Varsity boat

# Johnny Diegnan Replaces Richards As Goalie For Technology Sextet

Coach Wiggett Stressing Team bard the defense with their attack, Play in Daily Practice At the Arena

Eight members of the Technology hockey suad will make the trip to West Point today to tackle the Cadet players on Saturday and Briarcliffe Lodge on Sunday before returning to the Insti-tute. Since the Dartmouth defeat the team has worked up a better combination of team play under the tutelage of Coach Wiggett than they had before, and though they are far from being world-beaters they have the stuff that will make their opponents know they are playing somebody.

At the last practice session, Wiggett picked Johnny Deignan to play goal of West Point instead of Richards who played a fine game against the Green Saturday. Johnny has been out of practice all season and has been going trong in front of the net lately and bids to make as strong a showing as his running mate. Last season when Denton Massey played goal for the Cardinal and Gray, Deignan was a strong competitor for the position and his record for this season bears him out

as a dependable goalie.

West Point Has Strong Team

Niles, Berkeley, Crandall, Freeman,
Randall, Morton and Weissner make up the rest of the squad who will make the trip. Bill Berkeley, who played a wonderful game at defense in the previous matches, was as good as ever in this week's practice sessions. If the rest of the team can play as good hockey as the Soph flash the results of the games would not be much in doubt. Against Dartmouth the engineers played a ragged game and were everywhere on the ice except the place they should be. The general team work was decidedly ragged but it certainly looked like the coaching of Wiggett was at last coming to the fore when you saw the combination work of the squad at the Arena yesterday morning. Still it was the same way last week, only they are a bit more sure of them-selves now. West Point has its usual strong, fast travelling team and unless the men come down to earth and start their attack with some degree of machine-like smoothness and rapidity, the West Pointers will be another group

to take their measure. Last Saturday

when the Green forwards, Manser, Duplin and Fryberger started to bom-

Technology went up in the air more or less and instead of settling down to strong team work they went to pieces.

With two games on the schedule this week-end the team will have a big assignment to come through successfully. There is no basis on which to dope the strength of West Point or Briarcliffe Lodge except the fact that they are always formidable and against the Beaver sextet, they will be strong enough to make the engineers step along at a lively pace. Through lack of practice during vacation the squad went through an experience a little disheartening. When some good snappy practices could be run through the men were not there to take advantage of the situation. Time after time only two or three men showed up for a workout, and they finally disbanded for the holidays. The match with West Point will show whether they have fully recovered and have started playing

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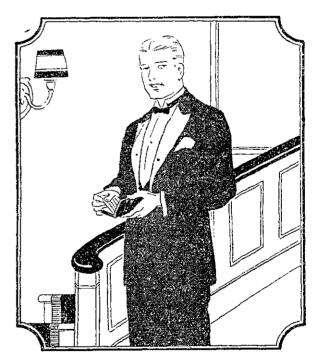
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NECKTIES

GLOVES

#### ALDRED LECTURE WILL **BE DELIVERED TODAY**

(Continued from Page 1)

all description in the last 12 yearsspherical balloons, kite-balloons, obsersemi-rigid airships. He also super- ades. vised the construction of the gas bags for the first American rigid airship, the Shenandoah. His company will complete its 100th dirigible during this year, and also the first sem-rigid airship built in America.

In view of the great interest in the field of lighter-than-aircraft, Mr. Litchfield has consented to include in his talk today some facts regarding recent development in this industry.

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#### WILL GIVE FRESHMEN **NEW MILITARY COURSE**

In an attempt to make the lectures in MS 12 more interesting, according to a statement issued by the Military Science struction of more than 500 aircraft of Department, freshmen taking the course will be given a five-week course in Infantry Weapons, covering such subjects as machine guns, automatic vation balloons, non-rigid airships, and rifles, trench mortars, and rifle gren-The lectures in the new subject will commence Monday, January 19.

#### MEMBERS OF FACULTY **REVEL AT BIG PARTY**

(Continued from Page 1)

Enthusiastic professors attempting to apply physical chemistry theories to bowling and electrical engineering methods to billiards furnished considerable amusement in the basement of Walker. Professors A. H. Gill and F. Vogel seemed to be working as hard as anyone in the bowling alleys, the latter having a slight handicap over his competitor by virtue of a larger waistline. The Economics Department was quite unably represented in this event by Professor F. E. Armstrong, who seemed to think that the point of the game was to hurl the ball between the pins. Professor L. F. Hamilton, when not rushing about to see that everyone was enjoying himself, cast an analytical eye down the bowling alley, shouted, 'watch this strike!" and succeeded in hitting two of the pins with three balls. The pin boys reported the easiest night's work since one day last week, when several members of the Faculty, anticipating the party, visited the bowl-

ng alleys for secret practice.

The wife of one of the members of the Faculty almost insisted that they leave the party at once because he preferred to dance with some of his feminine acquaintances rather than with his partner. He was immediately pardoned, however, when he explained that a dance with a new acquaintance gave 50 points towards the prizes, whereas a dance with one's partner was worth but 20 points. Registrar F. L. Clapp declared that he did not have his glasses with him during part of the evening. and consequently did not notice that the rules on the program entitled him to 10 points for each new acquaintance made at the party. Several of the merry-makers were noticed cribbing on their points while listening to the radio concert. Each listener was entitled to 20 points for every time he heard the announcer say "WEEI," but some of the contestants interpreted everything from KDKA to WBZ as "WEEL."

Several members of the Physics Department did not appear to understand that the term "Auction" on the program referred to bridge, and immediately attempted to auction off some clothes handed down through the department generation after generation.

Dean Talbot was noticeably absent from the party. One of the instructors, when interviewed, stated that he understood the Dean was holding a conference that very night with one of the most famous rain-makers in the country, in an ort to hire him to "show his stuff" on the day of the coming ort to hire him to "show eclipse. A few of the attending members were seen sneaking out of the side exit in Walker early in the evening, without explaining whether it was due to overeating or a desire to get home early and prepare a few quizzes for to-

While the announcement of the prize-winners was being made, Professor Millard was seen sitting in a corner. working feverishly with his slipstick in an effort to integrate his score.

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"THEY SATISFY"

that course iss known

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as "Activities"—why not

from the old grind for a

few minutes and learn why "THERE'S A REASON"

men don't seem to know that

there'ss a course at Tech which is "BEST IN THE LONG RUN"-

a course that has no prerequis-

of the most interesting subjects

"THEY DIDN'T DARE TELL

sign up for THE TECH now and you're sure to register later
"EVENTUALLY — WHY NOT

and everyone will agree that

don't assume a dumb attitude and whisper to yourself:

ites

ME"

#### HOW THE FACULTY FARED LAST NIGHT

#### Leather Chrome—Tanned

Mean Area	3.1416 sa. in
Thickness	
Tensile Strength	30,000 lbs. sq. in
Young's Modulus	29,000,000

#### Starch: Tablet Form

White Lead	20	%
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Water a la Charles	39.9	" (
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#### Plums: Green Salted

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This lubricant is a delicacy direct from our private petroleum distillery. Persons who object to strong drink are urged, in the interests of conservation, to take this home for motor car use.

## Notices and Announcements

#### SEDGWICK LECTURE

A Sedgwick Memorial Lecture will be given by Professor W. J. V. Osterhout on "Some Fundamental Problems

### ALDRED LECTURE

'96, today, in room 10-250 at 3.

### **UNDERGRADUATE**

### TECH BLOTTER

Competition is now starting for the 1925 blotter staff. The general manager of the 1926 blotter will be chosen from this staff next fall. Sign up on the T. C. A. office bulletin board in Walker. Everyone eligible.

Show Orchestra in north hall at 5 to-

MUSIC AND LYRIC WRITERS There will be a meeting of the Tech Show music and lyric writers Sunday, January 18, at 7 in north hall.

### CHEMICAL SOCIETY

Chemical Society will make a trip to the Hood Rubber Co., Friday, January

### WINTER CONCERT

The Winter Concert and Dance will be held in the Hotel Somerset at 8, Fri-

By special arrangement, all members

#### 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.



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SENIOR PICTURES

Monday. Studio opened daily every day this week.

INFORMAL DORM DANCE

in Walker tonight at 8. Admis-m Walker, January 16, at 8. Admis-

TECHNIQUE

Informal snapshots for Technique

wanted. Address Features Editor, 1925

T. C. A. HANDBOOK

There are still a few copies of the 1924 Handbook available. Anyone desiring a copy may obtain one in the T.

C. A. Office from 9 to 5:30 this week.

SHOW PICTURES

January 18 as previously announced.

**TECH BLOTTERS** 

About 50 copies of the 17x24 desk

blotters may be obtained by the first

men calling for same at the T. C. A. Office.

Pictures of the Tech Show cast, chorus, and ballet, will not be taken on

Technique, Room 308, Walker.

All Senior pictures must be taken in the studio in room 3-410 before next

#### **Demi-Tasse**

It is considered an excellent substitute for ink and brass polish.

sion \$2.

#### **OFFICIAL**

of Cellular Physiology," in Huntington Hall, January 23, at 5.

The first Aldred Lecture of the term will be delivered by P. W. Litchfield

### TECH SHOW ORCHESTRA

There will be a rehearsal of the Tech

Sign up on bulletin board.

day, January 23.

### AERO ENG. SOC.

of the Aeronautical Eng. Society are invited to attend the Aldred Lecture by Mr. Litchfield on "Airship Development" at 3:00 o'clock today.



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