A. A. MERRILL SPEAKS BEFORE MECHANICALS

Expresses Original Ideas and Performs Experiments to Prove Them.

Last night, at 35 Boylston street, before the Mechanical Engineering So- 
giety, Mr. Merrill gave an instructive talk on "Aviation."

He explained both by stereopticon views and experi-
ments the common faults of all ma-
chines up to date. He proved both theo-
retically and practically that his inven-
tion can correct these general faults. He criticised amateur experi-
ments and indicated their practical fal-
lacy.

He explained bird-flight, its applica-
tion to heavier-than-air machines, and gave all necessary qualifications for 
speed and lifting. He explained the principle by which Wright obtained 
in the air five minutes without any poster, and without the use of any mechanical 
ability which will be placed on their 
new machines. The talk is general, be-
cause of its clearness and accuracy, 
was very forcible and instructive.

SECOND WORKOUT FOR SHOW MUSIC WRITERS

Manager Thayer to Talk to Men

In Music Room of Union

Today at 3:15 P. M.

This afternoon, at 3:15 P. M., the 
fellow-students should report to Stage 
Manager Thayer in the music room of 
the Union for the second tryout for 
music for "Castles in Spain":

G. A. Stevens, L. Shumway, C. Ed-
gton, P. H. Taylor, A. E. Howlett, G. L. 
Usani, J. M. Hargrave, S. E. Clark, J. 
Hartings, P. H. Smythe.

Coach Sanger will be present and 
assist in choosing the most suitable music. There are also five teams to 
select from, and the remaining lyrics will be placed at this time.

SHOW STAGE DEPT.

Entries for Competition Among

Freshmen Closes Today.

All those men who are desirous of 
entering the competition for the 
Freshman assistant of the Show 
Department of Tech Show, 1912, will 
meet Manager A. R. Thayer in the 
show office at 1 P. M. today. This is 
the last opportunity for men in 1912 
to become connected with the man-
agegment of Tech Show.

The work for the Freshman assist-
ant is that which should interest any 
man. It is not difficult, does not take much time from school work in the 
last year of school, and is a very inne-
signial position. It is an opportunity to 
join in the management of the Insti-
tute.

Last year a dozen men reported when the call came. This year it is 
expected that there will be as many, if not more. The greater the number, the 
more the interesting the com-
petition, and the better the man who is chosen to do the branch of the 
show work.

CAPITAL'S PLACE IN THE BUSINESS WORLD

Civil Hear Mr. H. W. Stonemetz

Explain Functions of Stock Exchange.

Mr. H. W. Stonemetz spoke yester-
day before seventy members of the 
Civil Engineering Society on "Finan-
cial Problems." He first enumerated 
some of the recognized methods of 
borrowing money, and then explained 
the part that the Stock Exchange 
plays in securing capital.

He then emphasized the fact that a 
young man with big ideas has to have 
capital. He said that if the present 
attitude of the public toward capital 
continues that more and more will be 
withdrawn from active use, and that 
soon there will be a money stringency.

He showed how unjust the attitude of the New England public toward the 
N. Y., N. H. & H. Railroad and the 
United Shoe Machinery Company is. 
The price of labor has gone up while 
it has not increased.

WALKING HOCKEY.

Yesterday afternoon the hockey 
team went to Amherst and tried to 
win over the rooming Mass. Aggies, but after twenty-five 
minutes of water polo before a Junior 
from Pennsylvania, will be boxing for 
the pock. A regular game to take 
this man's place will be played in P Dustin.

ELECTRICALS' TRIP.

Society Goes to Gen. Electric

Works February 19 and 28.

Two trips will be made by the 
Electrical Engineering Society to the 
Yale works of the General Electric 
Company, Monday, February 19, and 
Wednesday, February 28. Per the 
request of the general Electrician, 
in giving permits, will be limited to 
the number of men in the plant at one 
time.

The report of the committee on 
Course VI has covered most of the 
machines that are in current 
struction there, and it is important 
that every Course VI man should see 
the plant at least once.

Both parties will leave the En. 
Libratory at 1:20 P. M., and if a su-
ficient number sign up for the trip 
a special car will be provided.

SENIOR PORTFOLIO.

All pictures that are to be 
Portfolio must be taken before 
TUESDAY, JUNE 2, the close of 
the competition. The committee, with the 
portfolios will be given to every man 
who has not attended to the matter 
before. To go up to Heath's, 378A Boylston 
street, at once and get an appoint-
ment.

The sign-up books are in the hands 
of the secretary, and they welcome 
early signatures.

Big time coming in the Union March 
1st. More details coming every day 
in THE TECH.

Wanted, by the class, yourself, and 
the Portfolio Committee, your picture, 
Give the photographer a chance.

WRESTLERS MEET

Y. M. C. U. TONIGHT

Men Have Been Training Hard 
and Even Matches Are Expected.

At eight this evening the wrestling 
team competes with the Y. M. C. U. 
in a dual meet in the Y. M. C. U. Gym. 
The Tech men have been remarkably 
well of late, and Captain B. W. Crowell 
represents the heavy weights from Tech, 
and although Crowell is a remarkably 
strong man, he has certainly 
opened the eyes of those who have watched him.

He is out of the game for some time with 
out of the game for some time with 
broken knee, but since his return he 
has shown more speed than ever.

Dr. G. W. Woll, a man who has 
previously defeated him, this time, will 
without doubt, be the feature of the 
match. The man who 
seems to have the advantage.

Today at 2:30 o'clock.

Three of the posters submitted to 
the Junior Prom Committee in the 
competition have been stolen, but 
the committee has information which 
will probably lead to their return. 
In any case the loss will be more 
made up, as soon as the close of 
the show posters competition a number of 
good men have come out for the 
competition. The competition will close 
March 20.

MUSEUM LECTURES.

The Art Museum announces the 
following from Monday night onward 
for the ensuing month. These lectures occur 
without charge.

February 18-Italy, Dr. R. Trubullid.

February 25-Norway and Sweden, 
Prof. J. B. Hennell.

March 2-Greece, Dr. Arthur S. 
Treuhaft.

March 10-Poland and Lithuania, 
Dr. G. W. Tuenger.

SENIORS PROPOSE NEW "CLASS FUND"

Original Idea Put Forth During 
Poorly Attended Meeting Yesterday Noon.

Just twenty-five per cent. of the 
members of the Class of 1912 gathered 
for the first class meeting of the year in 
Huntington Hall, yesterday, at 1:30, 
to hear the preliminary plans for what 
is to prove to be one of the wisest 
original moves ever made by an Insti-
tute class—the establishment of a 
Class Fund.

The first business on the list was 
the report of the Portfolio Committee. 
It was stated that less than half of the 
histories have been handed in up 
to date, and that there are still a large 
number of men who have not been 
photographed. Dean Benton's state-
ment, that his pile of Portfolio is in 
constant use by men who wish to look 
up a Tech man before hiring him, 
should be merely an added induce-
ment for the fellows to attend to 
the matter of getting their portraits and 
recs into the book.

Class Day Election.

The class voted to elect twenty-five 
men to the Class Day Committee with 
the understanding that they should 
select the three Marshals for the class as 
at large. The Class Day ballots are to 
be distributed on Saturday and next 
week, and all votes must have paid 
all outstanding dues in order to have 
their votes counted.

Mr. Manlove, the Vice-President of 
the class, then took the floor and 
read the report of the Executive Com-
mittee on the new idea of having a 
Class Fund. He said in part: "Al-
though the idea of having a Class 
Fund is not new, it has been used 
with great success in many other col-
leges to help the institution and to 
raise the class more closely united in 
even their ideas. A Class Fund will 
stimulate a friendly rivalry among 
the graduates which will be of great 
value to alumni as well as to the 
Class of 1912." Then he preceded 
the following report: (Continued on Page 5.)

The Class of 1912 intends to be long 
remembered in the Institute.

CALENDAR.

In Charge of R. H. Taylor.

Saturday, February 17

1:00-Stage Competition Opens--
Show Office. 1:30-1915 Football Picture--
Newton. 6:15-Musical Clubs—Trinity Place 
Station. 6:30-1915 Football Picture--
Cen.

Sunday, February 18

4:00-Hall of Fame and--Billiards--
Wednesday-Middle 
town. 9:15-35th Street Football--West Newton.
6:15-Musical Clubs—Trinity Place 
Station. 6:30-1915 Football Picture--
Cen.

Monday, February 19

4:00-Stage Competition Open. 6:15-1915 
Football Picture--Newton.

February 23-Italy, Dr. R. Trubullid.

February 25—Sweden, Prof. J. B. Hennell.

March 2—Greece, Dr. Arthur S. 
Treuhaft.

March 10—Poland and Lithuania, 
Dr. G. W. Tuenger.

SHOW STAGE MG'R. CANDIDATES--1 P.M.
THETECH
THE TECH, BOSTON, MASS., FEBRUARY 17, 1912

BEAUX ARTS PRIZE COMPETITION TODAY

Preliminary Esquisse Esquisse Is Held at Institute—Many Entries.

At promptly 9 o'clock this morning about twenty-five architects from the fourth and fifth year classes will start on the first preliminary competition for the celebrated Paris prize. This prize is awarded by the Society of Beaux Arts Architects. The winner of the prize will receive two and one half years of tuition at the Ecole de Beaux Arts, Paris, in addition to a stipend of one thousand dollars per year while studying. It is stipulated that he must spend not less than two and a half years in Europe and do a required amount of architectural work. To enter this competition the only requirement is that the applicant be not less than twenty-seven years old and an American citizen. The competition is held at various points in the United States, and last year about six hundred of these "esquisse" competitions were submitted.

The first preliminary competition which takes place today is to be of twelve hours duration, and for applicants in the vicinity of Boston will be held in room 43 Pierce Building. The finished renderings are sent on to a committee which considers them, their choice being manifested in the selection of five winners and two alternates.

The second preliminary competition takes place in New York. In addition to the five winners in the first preliminary competition fifteen previously qualified applicants who have been exempted from the previous competition are allowed to participate in this second test.

As a result of the second preliminary competition five winners and two alternates are chosen. These alternates are really the sixth and seventh men, who may replace any of the first five men in case of failure to be present at the final competition. The five men placed as winners then enter the final competition. The winner of this competition is the winner of the prize. The next four men, if their designs are approved as being creditable, are awarded one hundred dollars each.

GAME CANCELLED.

The strong Sophomore basketball team originally had a game scheduled with the Allen School at West Newton for tonight, March 14th. Sometime during the week the manager of the High School team communicated with the Sophomore manager and among other things said the following: "I would be a daughter of the innocent for us to play the game with you." The Allen School held down to the second team men as a result of the reputation for fast playing which the latter have gained.

WRESTLING MEET.

(Continued from Page 1.)

only on account of a severe strain in his left ankle, A. L. Russell is in this class, but not much is known about him. To men, as well as a clever set of mat artists, and will give Tech a good tussle. Captain Syme-Smith has arranged for two more meets in the near future, one with Tufts and the other with Amherst. These bouts will be of great importance inasmuch as the Tech men come out as the victors in the New England championships.

The wrestling will begin promptly at 8 P.M. and every man should attend to help the good work along.

Here is hoping the Beaux Arts prize goes to a Techman architect this year.

THE SMOOTHEST TOBACCO

Scatting in the keen air—the companionship of a pipe—the measure of a tobacco such as Velvet!

Velvet is the best leaf—aged over two years in the warehouse—a slow, slow transformation from bark led to a mellow smoking tobacco. True, gradually evidences its matured, good tobacco, as a flavor—a flavor, a flavor—good, wonderfully good! Such a tobacco takes time to possess—extra fine quality, but this is the smoke we all want—so why not?

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College Shoes for College Men

235 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL
SATURDAY, FEB. 11, 1912, AT 8 P.M.
TRISTAN UND ISOLDE

WELLESLEY CONCERT.

Tonight the Musical Club will hold a concert in Wellesley, leaving Trin-
ity Place at 6:34 o'clock, and will come back on the 11:50, which the manage-
ment has arranged to stop especially for the club.

CLASS FUND PROPOSED.
(Continued from Page 1.)

Class Fund

Art. 1.--That the Fund be raised by subscriptions from each member of the class, and the amount of each subscription be determined by the Class Committee, and that the subscription be paid in full by March first, and each member receive a salary of $10 per year.

Art. 2.--That the Treasurer send copies of an approved financial report to each member of the Class as a basis for their financial affairs, and also an estimate of the amount to be raised by subscription.

Art. 3.--That the President determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.

Art. 4.--That the President determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.

Art. 5.--That the President and the President of the Class Committee, the Secretary of the Class, and the Class Fund Treasurer sign a certificate for each class member, giving the amount of the subscription and the amount of the class Fund, and that the certificate bear the names of the subscribers and the amount of the subscription.

Art. 6.--That the President of the Class Committee, the Secretary of the Class, and the Class Fund Treasurer sign a certificate for each class member, giving the amount of the subscription and the amount of the class Fund, and that the certificate bear the names of the subscribers and the amount of the subscription.

Art. 7.--That the governing board determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.

Art. 8.--That the governing board determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.

Art. 9.--That the governing board determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.

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Art. 17.--That the governing board determine the number of members of the Class who will subscribe to the Fund, and the maximum amount to be raised from each member.
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NEW COURSE of Sixteen lectures by Dr. Comstock, "Constitution of Matter in the Light of Recent Discoveries," Room 28 W., Mondays at 4:10 P. M. (86-41)

SOPH PHYSICS, Sec. I.—changed from 49 A to 8 C, on Wednesday, at 10, and Saturday, at 10. Walter Humphreys, Registrar. (86-21)

TECH BUTTONS are to be ordered in advance by leaving name and number desired at my office. P. H. Band, Bursar. (97-46)

MUSICAL CLUBS—Take special care on train leaving Trinity Place Saturday, February 13, at 6:30 P. M., for Wellesley Hills Concert at Wellesley Hills High School, Saturday, February 13, at 2:15 P. M. (91-24)

AT 221 NEWBURY ST. there are some good rooms at low rates for the rest of the year. See Bursar. Band, Bursar. (101-41)

A SET of Drawing Instruments have been found. Please apply to the Bursar's office.

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1915 TRACK MEET.

(Continued from Page 1.)

The Tech entries are as follows: The 25-yard dash: Barry, O'Brien, Place, Homan, Curtis, Urquhart, Spencer and Ennebuske. In the 300-yard dash: Barry, O'Brien and Place. In the 600-yard run: Homan, Curtis, Urquhart, Hall and Morrison. In the 1000-yard run: Hill, Spencer, Magee, Swain and Atkins. In the mile—Walter, Lovell, Gurney and Kelleher. In the high jump: Captains Teeson, Curtis, Africa and Noyes. O'Brien, Crowell, Cowell, Africa and Quirk are entered in the high jump. Captains Teeson, Curtis, Africa and Noyes. O'Brien, Crowell, Cowell, Africa and Quirk are entered in the shot-put. The following men will probably run on the relay: O'Brien, Place, Homan and Barry

The admission fee will be only twenty-five cents.

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Dinners 1.50

1.75

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