

THE TECH

VOL. XXXIII. NO. 72

BOSTON, MASS., MONDAY, NOVEMBER 10, 1913.

PRICE TWO CENTS

ELECTRICALS TO HOLD SMOKER

Mr. Henry A. Morse '93 to be Speaker Tomorrow Evening—Everybody Invited.

On Tuesday evening the Electrical Engineering Society will hold a smoker in the Union at 7.45 P. M., and all men interested, especially the members of the Society are urged to attend, a very good time being promised. Mr. Henry A. Morse '93, of the Simplex Wire and Cable Co., will give an illustrated talk on "The Manufacture of Insulated Wires and Cables." This is expected to prove a very interesting subject and the seniors taking Prof. Jackson's course on "Power" will find the lecture directly in line with the subject of the "Transmission System" now being discussed in class. The talk will include the manufacture of the compound used for insulating material used on the wires, as well as the actual insulating and testing of the wires and cables.

There will be three excursions on the days following the smoke talk, and on these trips the Simplex factory at Cambridge will be inspected. The excursions will leave the Lowell Building at 2.05 P. M., and all men who wish to see the factory should be at the meeting tomorrow evening so that the final plans may be completed. The shingles for the Society have now arrived and they will be ready for distribution at the conclusion of the talk. In addition to the above-mentioned subjects several other important matters are to be disposed of, especially the mid-year trip to be made by the Course VI men.

CHEMICAL SOCIETY

On Friday evening, November 14, the Chemical Society is to hold a meeting in the Union at 7.15 P. M. The speaker of the evening will be Mr. W. W. Duncan of the Hood Rubber Company, and the subject of his talk will be "The Manufacture of Rubber Tires." Mr. Duncan has perfected the use of aluminum for castings for the tires in place of the old style wood castings. His talk is expected to be of great interest to all attending.

SENIOR DINNER

Preparations are being made for a 1914 dinner to be held in the Union on Nov. 21. As this is the first opportunity of the year for the entire class to get together, as well as the last of 1914's undergraduate functions, the committee is endeavoring to make it as enjoyable an affair as possible. Special attention is being given to the menu, and the list of speakers will be well chosen. Tickets, price one dollar, are on sale, and may be obtained at the Cage, or from any of the following men: D. G. Crowell, E. E. Dawson, A. C. Dorrance, T. J. Duffield, C. P. Fiske, T. E. Morrill, A. F. Peaslee, R. D. Salisbury, H. L. Stone, D. L. Sullivan, A. H. Waitt, or J. M. White.

Some peoples' minds are gauged by dollars rather than by cents.

FIELD DAY DINNER HELD SATURDAY

Event Marred By Necessity For Brevity—Football Given To Sophomores.

The annual Field Day dinner was held in the Union Saturday night, with an attendance of close to a hundred. The dinner as usual was given by the Advisory Council on Athletics, Dr. Rockwell being toastmaster, and all men who were in any way connected with the events of Field Day were invited. President Maclaurin, Maj. Cole, and Dr. J. Blackstein were the speakers of the evening.

President Maclaurin congratulated the Sophomores on winning Field Day, and spoke briefly on the peculiar need for athletics at the Institute, explaining the place which Field Day filled and expressing the hope of constant development along the right lines. He touched on the seriousness of the athletic problem in most of the universities of this country and showed how Tech was entirely free from anything of this sort, her danger lying in the other extreme. He concluded by announcing the winners of the Cabot medals, an accident preventing the usual presentation at this time.

Major Cole was the next speaker, and devoted his time to a comparison of the Field Day system with the hazing previously in vogue, telling some of his experiences at West Point, where hazing was in favor in his day. He praised the Freshmen for their splendid showing and congratulated both classes on the spirit shown.

Dr. Blackstein completed the list of speakers, telling his impressions of American athletics, and making several comparisons with the German system. He was loudly cheered when he finished.

Owing to the lack of time caused by the approaching convocation, the usual speeches by the captains of the teams were omitted, all of the talks having been very brief. All six captains were called to the front, and the football was presented to the Sophomores, Jewett accepting it for the team in the absence of Captain Hill.

The meeting closed after the Field Day Cup had been passed around, each man giving his name, class, and home town as the cup came to him. Coach Kanaly was loudly cheered when he announced himself as "Kanaly, Unclassified."

JUNIOR BASEBALL

Tomorrow at 1 o'clock noon there will be a special meeting of the 1915 Baseball Team in Rogers, Room 21, and at that time the men will be measured for sweaters. The members of the team are Stephenson, F. E. Parsons, Bauer, Place, Caffrey, Franks, Morse, McIntyre, Thomas, Holway, Sears, Spencer and Pike. These men are requested to be at the meeting since it is a very important one.

Though some of us are poor let us all be genteel.

GREAT CONVOCATION SATURDAY NIGHT

Wild Enthusiasm When Plans for New Institution Are Shown.

Saturday evening, at about 6.30, found Huntington Hall filled practically to its capacity, filled by an enthusiastic gathering of Tech men, each man there to learn of the new and greater Institute, seated according to their classes, and giving their class yells and cheers with no little snap and spirit. As Leslie W. Snow '14, President of the Walker Club, under whose auspices the convocation was held, came upon the platform, followed by President Maclaurin, Mr. Isaac W. Litchfield '85, and Dr. J. A. Rockwell '96, rousing "M. I. T." yell, with three "Maclaurins" on the end, went up, and the enthusiasm and spirit shown in that yell was typical of the general feeling of the occasion. Snow then briefly introduced Dr. Maclaurin as the first speaker of the evening.

The Educational Buildings.

President Maclaurin began with a few introductory remarks, in which he explained the purpose of the evening,—to give the fellows an opportunity to hear from the men in charge of the work just what is being done. Saturday's issue of THE TECH, he said, gave a very good account of the plans and several views of the New Technology, and he congratulated the board on their good work. The hall was then darkened and pictures similar to those in the special issue of THE TECH were thrown on the screen, Pres. Maclaurin proceeding to explain the views. The first was a general view of the lot, which covers 50 acres, and is practically divided in the center, the half on Massachusetts Avenue being devoted to the educational buildings, the other half to athletics, dormitories and the Walker Memorial.

(Continued on page 3.)

MUSICAL CLUBS

The first Combined Musical Clubs Concert will be held tomorrow evening in the Franklin Square House at 7.45 P. M. The House is about a twenty-minute walk down West Newton street towards Washington street, and is located in Franklin Square on the corner of East Newton and Washington streets. All three clubs will play and the club quartet will render selections.

SOCCER PRACTICE

Practice will be this afternoon at the Field for all men who are candidates for the Soccer Team. Candidates can report at any time, as there will be someone in charge all the afternoon.

FRESHMAN GYM

All Freshmen taking Gymnastics who wish to substitute Athletics for the regular work may do so if they report to Mr. Kanaly today from 4 to 5 at the Gym.

KOMMERS DINNER THURSDAY NIGHT

Everybody Invited—Dean Burton And Mr. Litchfield To Speak.

On Thursday evening, November 13, the annual Kommers Dinner will be given in the Union. This dinner is an annual entertainment given by the Tech Show to arouse interest in the Show among the student body, and a large number of men always turn out. The management is completing arrangements for the evening and Steward Colton has already made plans for the dinner. He expects a crowd of over two hundred, and it is the sincere wish of the management that more than this number be present.

The price of the dinner will be the nominal sum of 50 cents. This charge is merely to pay expenses, and the more men that come the better the dinner will be. Mr. Colton always gives the fellows an excellent dinner when there is a large assemblage, and from the outlook this year "the feed" will be better than ever.

Speakers are being engaged for the evening, and already Dean Burton and Mr. Litchfield have signified their intention of addressing the gathering. Both speakers are very popular with the student body and will be of great interest to all attending.

The event of the evening will be the announcement of the title of Tech Show 1914. All books submitted were sent down to Coach Sanger some time ago for his consideration, and he has returned them with his criticisms and suggestions, and the management has finally decided upon the book.

CIVILS TO MEET

On Thursday afternoon at 4 P. M. the Civil Engineering Society will hold a meeting in 11 Eng. B. Mr. John N. Ferguson '97, now an assistant engineer for the Directors of the port of Boston, will give an illustrated talk on the "Construction of the New Commonwealth Pier." The talk will be followed by a trip to the pier on Friday, and the details of the excursion will be announced at the lecture on Thursday.

CALENDAR

Monday, November 10, 1913.
4.00—1917 Basketball—Gym.
P. M.—Soccer Practice—Field.

Tuesday, November 11, 1913.
1.00—1915 Baseball Team Meeting—21 Rogers.
7.45—E. E. Society Smoker—Union
7.45—Musical Clubs Concert—At Franklin Square House.

Wednesday, November 12, 1913.
8.00—Spanish-American Students Meeting—Hotel Westminster.

The reason that man is divine is because he is human. A man without the humanities is a beast.

THE TECH

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MONDAY, NOVEMBER 10, 1913

In Charge of This Issue:

Editor—Charles W. Loomis '16.
Assistants—H. W. Anderson '15,
J. M. De Belle '17.

The success of the mass meeting Saturday reflects great credit upon both the student body and the Walker Club. The enthusiasm which burst forth when the general view of the great New Technology was thrown on the screen, coupled with the large crowd which turned out for a late Saturday night meeting, prove beyond a doubt the growth of that spirit which is to be one of the greatest features of this splendid school. Tech's thanks to the walker Club.

One and only one jarring note was evident at the convocation Saturday. When the men were called upon to sing the Tech songs it was painfully evident that they did not know them. Here lies an excellent opportunity for improvement, and this can be best accomplished by more "All Technology" gatherings.

The unusual success of Field Day, marked by clean sportsmanship and the hard, close fight, was another step forward. A Freshman class which can defend their laurels as 1917 did is certainly to be congratulated, and may be expected to furnish satisfactory members of the New Institute, where they, as upper classmen, will have so large a part of the responsibility on their hands.

Perhaps not the least feature of Field Day was the Senior "joy-ride." We hope to see the custom incorporated in the events of the day, for any means such as this, which will serve to get the class together and foster

INTERESTING TALK IN HUNTINGTON HALL

Dr. Fleischer Delivers Fine Lecture
On The Subject "New
Virtue."

Yesterday afternoon in Huntington Hall Dr. Charles Fleischer gave a second talk on the relation of religion and everyday life. His subject was "New Virtue," referring particularly to the love of truth. Before the address proper, Dr. Fleischer reviewed the recent elections, expressing his satisfaction that a party which existed merely for its own interests had been defeated in New York City. As on last Sunday, Mr. Hayes sang two well-rendered tenor solos.

In the beginning of his discourse, Dr. Fleischer quoted from Wallace, James Russell Lowell and Ex-Pres. Eliot of Harvard, to the effect that new religion and the practical application of science foster a love of truth for truth's sake; and the ultimate result of this search for knowledge will be a great betterment of human conditions. He said that this great moral change was strikingly illustrated in the life of Alfred R. Wallace himself, who worked out the theory of the "survival of the fittest" at the same time as Darwin; but because Darwin had first proposed the theory, he did not take advantage of this opportunity to immortalize himself. This spirit is prophetic of an era to come, in which the scientific, knowledge-seeking attitude will entirely replace the blind traditional attitude of the past. After a few generations of scientists, the "exactness, open-mindedness, impartiality, the judicial habit, and the love of truth for truth's sake, will give a new type of human being."

Dr. Fleischer's talk was an admirable refutation of the hypothesis advanced by some, that science and religion are irreconcilable. The meeting next Sunday promises to be fully as interesting, as an address is to be given by Dr. Stephen Wise.

SOPHOMORE NOMINATIONS

The Sophomore Nominations were opened last Saturday and will close next Saturday at 4 o'clock. The nominations which were returned by the former committee will be acceptable. All nominations must be signed by at least ten members of the class. Payment of dues is necessary to allow a member to vote, but is not necessary in signing the nomination papers.

FOUND ARTICLES

The following articles have been found and may be obtained at the office of the Supt. of Bldg. and Power, Trinity Place: 3 Pairs of Gloves, 6 Books, 1 Rain Coat, 2 T Squares, 1 Fountain Pen, 1 Cloth Bag, 2 Leather Bags, 2 Note Books.

class spirit, is to be commended and accepted.

The Tech Night Committee is to be complimented upon the manner in which the affairs went off. Little that could cause objection was to be seen, and a distinct improvement on previous years was noticeable.

The brevity of the Field Day dinner marred what has generally been one of the most enjoyable evenings of the year. We regret that two such important functions as this dinner and the general convocation should have been allowed to conflict.

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CONVOCAATION

(Continued from page 1.)
 The shape of the buildings was considered of great importance, and the plan of having everything under one roof was finally decided upon because of convenience and low cost of maintenance. The scheme of grouping was worked out from the number of hours spent by the men in the various departments. As an example, he took the upper classes of the Electrical Engineering Course. The men of these classes spend most of their time in the Electrical, Mechanical and Physical laboratories, and for this reason these were placed near each other. The Freshmen general studies and Chemistry were grouped together on the same principle, and so on throughout the whole building. The laboratories, he said, were the parts which would expand most, so these were placed at the rear, in order that they may be easily enlarged as more room is needed. With the growth of the Institute the buildings may grow till they occupy
 (Continued on page 4.)

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The following is an extract from a letter received by one of the heelers on THE TECH. Outside of the fact that it comes from a Sargent girl it needs no explanation:

"The Freshman Class of 1917 is a class of young men who certainly reflect great credit upon the Institute. Although they lost Field Day by one point, they certainly showed fine spirit. They should be complimented upon their quick, active work. They are as a class attractive both in facial expression and in the carriage of the body. They were quick, alert and enthusiastic in their field work and did well, considering the experience 1916 had from last year.

"'Slow and steady wins the race.' is an old quotation, and this was certainly demonstrated in the tug-of-war. The Sophs were quick to start, but lost their strength after the first few seconds.

The Freshmen made a good showing in football, even if they didn't win, which they came very near doing; they had it all over the Sophs. The Sophs were lucky to hold them.

"Harvard men are not in it with Tech men when it comes to work that counts. Tech is a grand old place and something for the classes to be proud of. I saw a Field Day issue of THE TECH, and there is nothing the matter with it that I can see. I don't see how the fellows can get all their studies and get out such a paper. They must use their time to good advantage."

SPANISH-AMERICAN CLUB

A meeting of the Spanish-American students at the Institute will be held in the Hotel Westminster at 8 o'clock on Wednesday evening, Nov. 12. At this meeting Robert Sturgis, the president of the Spanish Club of Boston, and Dean Burton will address the men. The committee in charge of the dinner has found it impossible to get the addresses of all the Spanish-speaking students, and therefore the invitations to the dinner will not be restricted to the men who receive written notices.

As this is the first meeting of its kind, and hence a very important one, a large attendance is requested by those in charge of the affair. The price of the dinner will be 75 cents, and the meeting will be informal.

FRESHMEN BASKETBALL

This afternoon the candidates for the Freshman Basketball Team will meet in the Gym at 4 and practice will be held at that time every day until further notice. Manager Rausch wishes to impress upon the men the necessity of a large number of candidates for the team, as the Freshmen can partially redeem their defeat on Field Day if a good team is turned out. The Sophomores have a good team, but if the spirit of '17 once rises, the "hated rivals" are warned that they must show their best form. Several good trips have been planned for the men on the team, and as the opponents are known to turn out fast fives, the Freshmen cannot afford to slight the matter.

All 1917 men are urged to be on hand this afternoon at the Gym.

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CLARENDON AND BOYLSTON STREETS

CONVOCATION

(Continued from page 3.)

twice as much space as those to be immediately erected.

The New Technology will be a big "White City" of limestone and not, as is erroneously believed by many, of concrete, this misconception being due to the offer of the alumnus to furnish all the concrete necessary for construction. Lighting of the rooms was an important factor in the designing of the building and, as planned, this will be exceedingly well cared for. The big center part of the structure will be used for administrative purposes and a general library, this one library to include practically all the department libraries of the present system. In the future it is planned to plant trees in the courts, and thus make them appear less stiff and formal. The center of the side on Massachusetts Avenue will be occupied by the Pratt School of Naval Architecture building, to be constructed with the Pratt Fund. This, however, is not yet available, for, according to the provisions of the will, the sum must reach three quarters of a million before being used.

After his talk, Pres. Maclaurin was given a "regular M. I. T.," with "three Maclaurins" on the end. V. M. Tallman '14 then led in the singing of "The Cardinal and the Gray."

The Student Buildings.

Mr. I. W. Litchfield '85 was the next speaker. He told of the Walker Memorial and the student buildings at the New Site. He began by saying that he knew really nothing at all about the student buildings, and that no one else did. The architects have been so busy in perfecting the plans for the educational buildings at the New Institute that there has not been an opportunity to give thorough attention to the other parts of the work. Mr. Litchfield said that, in the absence of definite plans for the Walker Memorial and dormitories, he would base his talk on the ideas prepared by the Alumni for these structures. First, he gave a brief history of the work the Alumni have done to secure better social advantages for the student.

Fourteen years ago the graduates started a fund for the erection of a suitable memorial to General Francis A. Walker, former President of the Institute, who worked so faithfully for the welfare of the undergraduates. About one hundred thousand dollars was raised, but it was decided, in view of the uncertainty regarding the Institute's future, not to use it at that time. The fund now amounts to about \$135,000.

In 1908 the present Tech Union was built, half of the money coming from the Alumni and the other half from personal subscriptions of the members of the Corporation. It is not now sufficient for the needs of the undergraduates, but is a vast improvement over the facilities existing before 1908, when the only place for students to get together was a small room over the shops on Garrison street.

Mr. Litchfield also told of another fund started by the Alumni to provide dormitories at the New Site. This now amounts to about \$500,000, but it is not known just how it will be used. Mr. Litchfield emphasized the spirit in which the graduates give. They have attached no conditions to the gift; they have turned it over to the Corporation to be used in any way that will benefit the Institute. They hope, however, that all of

it will be used for student buildings, and they are confident that the Corporation has the good of the undergraduates at heart and will spare every possible dollar for the construction of dormitories and recreation buildings. The speaker added that the spirit of the Corporation is well shown by the fact that they have set apart almost half of the new tract solely for the students, to be devoted to athletic field, dormitories and Walker Memorial.

Next, some stereopticon slides were shown of plans suggested by the Alumni for the Walker Memorial, several different ideas being presented. Some of the best of these were published in the special issue of THE TECH last year. Mr. Litchfield said that the Alumni Committee in charge of the plans had made an exhaustive study of the best arrangement for dormitories, dining rooms, lounging rooms, billiard rooms, etc. They have decided that the dormitories and the Memorial should be governed by the students, and that the Memorial should be supported by a tax on the undergraduates and by such Alumni as care to become members. The dormitories are to be of the stairway type; that is, they will have the rooms arranged in groups, with no access from one group to another, like houses on a city block.

After the plans had been shown several views were thrown upon the screen representing student buildings at different colleges in this country. The committee made a careful study of the best features of the other colleges before making its plans for the New Technology.

In conclusion, Mr. Litchfield declared that the success of the Walker Memorial will depend largely on the Institute Committee. It will have new responsibilities at the New Institute and will be of much greater importance than at present. It must strengthen its relations with the activities and the undergraduates, so that it will be a fit leader for the whole student body in the years to come.

Athletic Facilities.

After Mr. Litchfield had been given a regular M. I. T., Snow presented Dr. J. Arnold Rockwell '96, the Institute Medical Advisor, as the third speaker, saying that the speaker would confine his talk to athletics, as they will be at the New Technology. Dr. Rockwell gave a brief historical sketch of athletics at the Institute.

In 1896 the Institute Committee founded the Advisory Board on Athletics, headed by Major Briggs, which, in the intervening years has gradually evolved a system of athletics suitable to an institution like Technology. At first the attempt was made to compete with the various leading colleges in the East, but it was soon found that the Institute men were handicapped considerably by their lack of time and proper training. Competition under such conditions was entirely unfair. It

was found best to retire from public athletic contests, and from the year 1896 a gradual elimination of various forms of athletics took place.

The result was the adoption of a sane system of athletics, peculiarly adapted to a school like the Institute, and this system has since been followed out. Dr. Rockwell said that the possibilities for more physical training at the New Technology were great, and that the present compulsory participation in physical exercise might be extended to a greater period than one year. Active interest in athletics will not be hindered by the distance to the field, as at present, for the athletic field is to be situated as close to the general buildings as could be desired.

The conditions attending athletics have been carefully studied. Various plans of gymnasiums and athletic fields at some of the leading schools and universities in this country and Canada have been investigated and considered in connection with the plans for the new Institute. Dr. Rockwell gave his assurances that every possible thing for the best was being done to give the new institution just the thing that was suitable for it. The plans, as yet, are only tentative, for most of the time has been spent in the careful study and arrangement of the educational buildings, and the athletic side of the new Institute has not yet received its due consideration.

A large number of slides were then shown, giving the various plans as they have been proposed by the architect, by different men of the faculty and by some of the alumni. These plans conveyed an excellent idea to the students of how the gymnasium, the field and the track will probably appear. Half of the total site has been devoted to student life entirely, and half of this has been placed at the disposal of athletics. The slides showed the field, with a quarter mile track, including a 220 yards straight-away, and two baseball diamonds. The two diamonds were Major Briggs' suggestion. Considerable space will be given to tennis courts.

One of the plans for the gymnasium building provided for a 12 lap to the mile dirt track on the ground floor, for use in inclement weather, with locker rooms and shower baths on one side, and swimming pool on the other. In the center of the oval, a floor for general gym work was provided. The main floor for class gym and drill work was in the second story, with locker rooms, shower baths, a small lecture room or meeting place, a fencing room, and handball courts on either side.

After Dr. Rockwell concluded he was given a spirited "M. I. T." and some pictures of the winning teams in the Field Day contest, together with those of the Senior "joy-ride" were thrown on the screen. After the singing of the Stein Song and more enthusiastic cheering the evening was concluded with a "regular M. I. T." with three "Smiths" on the end.

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