FIRST NEW TECH BUILDING COMPLETE

Aerodynamics Laboratory is Ready at Technology Site.

The first structure that the Massachusetts Institute of Technology has caused to be erected for its own use on its site in Cambridge is the new aerodynamic laboratory. The building is finished and the apparatus is in process of installation. This, together with the fact that Technology has already instituted courses in the study of this science makes it likely that the first college in the land to be so to prepare students for what must in the future be an exceedingly important line of development. The laboratory is one established by Technology out of its own funds and belongs to the department of Naval Architecture and Marine Engineering of which Professor C. H. Peabody is head. The new building is a modern construction in the Institute's last at Vassar Street. The portion of its equipment that is first to be installed, in fact, is nearly ready for use, is the four-cent wind tunnel. The portion of that is first to be installed, in fact, is nearly ready for use, is the four-cent wind tunnel. This result may be obtained from any one of the following members of the Technique Board:


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One result will be that when Technology gets the machinery in place it will be able to start ahead at full speed. The preliminary ground in which it is usually necessary to spend much time in experimenting has been pretty well worked over and results may be expected to be seen, and the pattern of the station after one of these improvements will start to be of immediate effect in the tests.

One of the questions that is likely to be asked about this is, why such experiments and such a course of (Continued to Page 4.)

T. C. A. SPEAKER

D. Francis to Speak on Ideals At Tomorrow's Meeting

Tomorrow noon, the T. C. A. will have one of the most popular speakers in greater Boston, and one who is constantly in demand to speak at men's meetings. The speaker is the Rev. Mr. James A. Francis, the pastor of the Clarendon Baptist Church, of this city. Mr. Francis is not entirely unknown to the men, for he has been a T. C. A. speaker at the weekly meetings in the Union for the past two years. Last year, he spoke on "The Ideal Dynamic Belted Civic Government," and he will without doubt be remembered by many Tech men. His subject this year, he announces, will be "Ideals."
THE TECH

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THE TECH, BOSTON, MASS., WEDNESDAY, MARCH 18, 1914.

DRAWINGS EXHIBITED IN DESIGN ROOM

Rosenberg, Barrows, and Goeth Get First Mentions in Problem.

A number of drawings made by Professor Williams while a student at the American Academy are on exhibition in the Design Room in Pierce.

The Senior Problem, "A Library For a City of Size" has been judged as follows:

First Mention (1) E. R. Goeth.
First Mention (2) W. W. Barrows.
Second Mention (1) E. C. Goeth.

The Senior Problem, "A Library For a City of Size" has been judged as follows:

First Mention (1) F. S. Wheatly.
First Mention (2) F. H. Kennedy.
Second Mention (1) R. D. McIlroy.
Second Mention (2) E. L. Russell.
Second Mention (3) P. S. Hawes.
Third Mention (1) F. Whitton, Jr.
Third Mention (2) A. A. Armstrong.
Third Mention (3) Miss Constance Fuller.
Third Mention (4) J. A. Hoat.
Third Mention (5) E. F. Merrill.

Two Junior Problems are hung. One is a six hour sketch for a "Subway Entrance with an Advertising Tower" and the other a "Railroad Station for a Small City." The mentions on the former are:

First Mention (1) E. R. Goodell, Jr.
First Mention (2) G. R. Freeman.
First Mention (3) H. F. Shattie.
Second Mention (1) M. W. Pettit-Tone.
Second Mention (2) B. L. Johnson.
Second Mention (3) R. W. Bailey, in the latter of the two they were:
First Mention (1) W. G. Sprague.
First Mention (2) J. L. Johnson.
First Mention (3) E. F. Norberg.
First Mention (4) H. L. von Rosenberg.
Second Mention (5) R. B. Robinson.

B. Y. M. C. U. MEET COMING

Wrestling Squad Working Hard—Prospects Good.

The wrestling team is now just re-covering from the soreness obtained in last Saturday's match with Yale, and the men are diligently practicing for the biggest meet of the year, that with the B. Y. M. C. U., next Saturday night. It is still doubtful whether Treat will not meet in the arm last sprained, and the affair promises to be an even bigger success than the preceding one. The dance order will be published in THE TECH tomorrow. A. R. Will-haus, Chairman of the Dance Committee, announces the list of patrons and patrons as follows: Dean and Mrs. Alfred B. Burton, Professor and Mrs. Frank Vogel, Dr. and Mrs. Henry P. Phillips, Professor and Mrs. E. B. Goodell, Jr.

ROAD CONSTRUCTION

Mr. Perkins To Address Civil Engineering Society.

Mr. G. H. Perkins, Superintendent of Roadside for Warren Brothers Company, will speak in Huntington Hall at 8 P. M., Friday, March 27th. He will talk on "Modern Country Road Construction." The talk will be illustrated with moving pictures on road building and stereopticon pictures of roads. The meeting, which is under the auspices of the Civil Engineering Society, will be free and open to all. Further announcements will be made later in THIS TECH.

FRESHMAN GLEE TO BE HELD NEXT MONTH

The Provisional Dance Order Will Be Published Next Week.

At a meeting of the Class of 1917 Governor Board held yesterday in the Union, plans were perfected for the Glee to be held April seventeenth. The Board wishes to state that reality to THE TECH yesterday the dance is to be called the Freshmen Glee. They claim that they are not competing with the Junior Prom in any way and that the persons who gave the information to the paper that the affair was the Freshman Prom did so without authority.

The dance will begin at eight o'clock. A reception will be held from eight until half past and then dancing until two o'clock. Supper will be served at eleven thirty. Provisional dance orders have been made out and inserts may be obtained at the Cage early next week.

SOUTHERN CLUB DANCE

Saturday Night at The Copley Plaza—Announcements.

The Southern Club will give its second dance of the year Saturday night at The Copley Plaza. Preparations have been going smoothly, and the affair promises to be an even bigger success than the preceding one. The dance order will be published in THE TECH tomorrow. A. R. Wil-haus, Chairman of the Dance Committee, announces the list of patrons and patrons as follows: Dean and Mrs. Alfred B. Burton, Professor and Mrs. Frank Vogel, Dr. and Mrs. Henry P. Phillips, Professor and Mrs. W. E. Wickenden, Major and Mrs. Edwin T. Cole, and Dr. Joseph Black-stone.

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The TECH has been authorized to publish the list of the matrons for the Junior Prom: They will be Mrs. Maclaurin, Mrs. Jason Mixter, Mrs. Dowrey Morris, and Mrs. Jasper Whiting.

Preliminary dance orders will be out next week and can be obtained from the members of the committee. As there are only twenty subscriptions left, the committee wants all men who are not sure of going to hand in their names so that they can be cut on the reserve list.

M. E. TALK POSTPONED

The meeting of the Mechanical Engineering Society, which was to be held Thursday morning, March 19, has been postponed until Wednesday afternoon, March 25, on account of the lecture in the lecture in.

N. E. I. CHAMPIONSHIPS

Through the courtesy of the Harvard Athletic Association the second day of the New England Intercollegiate Championships will start at 2.45 o'clock. These championships will be held on May 22 and 23 at the Stadium. They will start at 3.00 o'clock on the first day.

CORPORATION MEMBER

Mr. Robert Hoyt, '09, Appointed to Institute Corporation.

Mr. Robert N. Hoyt, '99, of Wellesley Hills has just been appointed by the Corporation of Technology as special lecturer on Public Health Administration in the Institute. He is a graduate of the courses in Biology and Public Health, was health officer at Princeton, N. J. A year ago Mr. Hoyt came to Massachusetts to become administrative officer for the cooperative community health work that has been adopted by half a dozen towns about the city. This work, which is a plan of which was established and has been fostered by the professors of Tech, furnishes to the towns an up-to-date health administration of which belongs to within their financial means.

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AERODYNAMICS

(Continued From Page 1.)

Instructor should be placed in the department of Naval Architecture. It is perfectly true that aircraft may be looked at from two different points of view, some considering it to be a machine, and consequently belonging to Mechanical Engineering, while others realizing that there is much in common with the ship that sails the sea. The truth is that many of the problems of the two kinds of navigation are the same, and the forms of the dihedral like that of the boat is controlled by stream lines. Then the means of propulsion had much in common in the two kinds of constructions.

It is true that the airplane has attracted much attention, but it must be realized also that there is serious work for the dirigible, and in aeronautics attention must be divided between the two. Thus it is that the department of Naval Architecture is doing the practical things in the aeronautics, and that a Lieutenant of the U. S. Navy, Jerome C. Hunsaker, has been detailed to a connection with Technology in charge of the instruction.

For some time aerodynamic work has been done in a tentative way, but Professor Peabody has been reading aeronautics with the Naval constructors in his department, it being realized that there are always some such officers in the service and that the Department of Navy sends all its constructors from Annapolis to continue for two or three years at Tech. Further than this there is now established a course in aeronautics divided between the aeroplane and the dirigible in the regular curriculum with times set apart for drawing. This beginning is to be strengthened as time goes on, it being only last June that it was decided by the Corporation to take up regularly the courses in question.

Lieutenant Hunsaker, as soon as he has been detailed for the work, said that it was expected that there would be a preliminary investigation, the determination of the thrust of the main shaft having been carried out. They have already been taken up a couple of years ago by a small group of students.

SENIORS NEGLECTED

Many Statistics Blanks For Portfolio Still Outstanding

The Senior Portfolio Committee has been appealing to the men of the Class to return their proofs and now they are asking the men to return their class statistic blanks. Only one hundred out of the three hundred blanks that have been sent in have been returned so far. Those who have not yet returned their proofs should do so with any of the following men:

Hiller, Morrill, Morse, Peabody, Peabody, Peabody, Peabody, Peabody, Peabody, Peabody, Peabody.

All those desiring to sign up may do so with any of the following men:

Mr. Kemp To Give Illustrated Talk Tonight

Mr. Kemp has been engaged in engineering work in Brazil for some time, and has brought home with him many interesting photographs taken in this comparatively undeveloped country which offers so much to the young Technical Graduate.

DEVELOPMENT IN BRAZIL

Mr. Kemp To Give Illustrated Talk Tonight

The Electrical Engineering Society extends a special invitation to those men who are leaving the Institute this year, and who expect to become engineers with any of the large engineering corporations, to attend their meeting tonight in the Union at 7.30. Mr. H. D. Kemp of the class of '12 will give an illustrated talk on "Recent Development in Rio de Janeiro." Mr. Kemp has been engaged in engineering work in Brazil for some time, and has brought home with him many interesting photographs taken in this comparatively undeveloped country, which offers so much to the young Technical Graduate.

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THE TECH, BOSTON, MASS., WEDNESDAY, MARCH 18, 1914.