

VOL. XXXIV. NO. 22.

BOSTON, MASS., WEDNESDAY, APRIL 29, 1914.

PRICE TWO CENTS

MECHANICAL ENGINEERS BANQUET TONIGHT

Mr. Wm. Kent and Several Other Speakers Are on the Program.

The Mechanical Engineering Society holds its dinner tonight at 6.30 at the American House, members of the society will also have the opportunity of hearing several speakers of national reputation in mechanical circles. They are Mr. Wm. Kent, Mr. Chas. T. Main, Prof. E. F. Miller, Prof. G. B. Haven and Prof. G. E. Russel.

Mr. Kent is author of Kent's Handbook. During the early part of his career he was an instructor in the the American Society of Mechanical ed to furnish much of interest. Engineers in 1880, was made mana ger of the society in 1885, and vicepresident three years afterwards. At the present time he is consulting engineer of great reputation.

Mr. Main is a graduate and former instructor of the Institute. He joined the American Society of Mechanical Engineers in 1885 and is now a life member. He is a term member of the Institute Corporation and a leading independent consulting engi-

Professors Miller, Haven and Russel are well known at the Institute. The first two are in the Mechanical Engineering Department and the last belongs to the Civil Engineering Department.

TECHNIQUE HOLDOVERS

Treasurer Urges Men Signed Up To Call for Books At Once.

Today the treasurer of Technique 1915 mailed to all those men who have not called for the books which they signed up for postcards calling their attention to the fact that this was their last opportunity to obtain their books. The office will be open every noon from one till two and every afternoon between the hours of four and five-thirty. The books have been going fast and it is in a spirit of fairness to the fellows who signified their intentions of getting a book by paying a deposit for the same that the treasurer has taken this means of calling their attention to the fact that there is little time left for them to obtain their copies. The end of this week ought to see the distribution of Techniques finished, that the treasurer may straighten out his books. As the money coming from the sale of the books is but one branch of the resources supporting the book, it means a great deal to the business department to be able Miller, to close up this department of the Demeritt, Merritt, Petit, Krigger, work. All those who have not signed Ross, Reycroft, Evans and Stewart. up and desire a book, or who have fice as soon as possible.

ELECTRICALS TO DINE TONIGHT

Will Be Guests of Prof. Jackson At Engineers' Club—Mr. Rice Guest of Honor.

Professor D. C. Jackson, head of the Electrical Engineering Department, will entertain the Electrical Engineering Society at a dinner tonight at 6.15 at the Engineers' Club. Mr. E. W. Rice, president of the General Electric Company, will be the guest of honor. He will tell stories about the olden days when he was associated with the Thomson-Houston works at Lynn. It is a far cry from the electrical works of those days to the immense concerns of the University of Syracuse. He joined present, and a comparison is expect-

> About ninety men have signed up for the dinner. The elections of officers for next year are to be announced and the officers formally installed. 'The Engineers' Club is at the corner of Arlington Street and Commonwealth Avenue, and men are fort has been made to present topics asked to be on hand promptly so that the dinner may start on time.

FINAL CONCERT

Musical Clubs Well Received At Stoneham.

The Combined Musical Clubs held their final concert of the year last night at Stoneham. The audience enjoyed the program, which was rendered unusually well by all the Clubs. The chief numbers were as follows: Song of the Cannibal, Glee Club Brazilian Dream, Mandolin Club Colored Promenade, Banjo Club Reading, H. G. Mann Bean Club Musings, Banjo Club Boatman on the Volga,

Mandolin Club Happy Jim, Glee Club Quartet Greeting to Spring, Glee Club Mandolin Sextet Bagpipes, Jerusalem Morning,

Glee Club Quartet Glee Club Stein Song, "The Boatman on the Volga," 'Happy Jim" and H. G. Mann's reading were received particularly well. On the whole the performance was a decidedly fit ending for a year of the most successful work by all the

SOPHOMORE BASEBALL

The Sophomore baseball team will play Powder Point School at Duxbury today. The following men will make the trip and should meet in the Union at 12.15 sharp, Murdough, Smart,

an honor system.

PROF. WILSON VS. FOURTH DIMENSION

Channel Tonight In The Union At 7.30.

Tonight at the Chemical Smoker, Prof. Edwin B. Wilson is scheduled to speak on "The Fourth Dimension". a subject quite out of the ordinary for a chemical meeting. This is in accordance with the policy which the Program Committee has been following. It realizes that the men in the Chemical Courses at the Institute form a somewhat different class from those at most similiar institutions, in that many of them are graduates of other colleges in other parts of the country, and are usually more or less familiar with the main chemical industries of their particular localities. Also here at M. I. T. the field of special processes is very well covered by special lectures and courses in Industrial Chemistry, Consequently throughout the year the efat the meetings which are of a practical nature such as the talk on Technical Reports, or which offer material out of the ordinary line, such as the subject tonight.

Prof Wilson is a graduate of both Harvard and Yale, and is one of the high authorities on this subject. The meeting will be held in the Union, and is scheduled for 7.30 P. M.

CREW PICTURES TODAY

Marked Improvement In Crews During Past Week.

It is absolutely necessary that all crew men report at the boat house today as it is probable that several Boston newspaper photographers and the 1916 Technique photographers will be on hand to take pictures of the squad and of the individual

The regular rowing for the past week has shown a marked improvement in the crews, The Juniors have furnished the greatest surprise for they have developed from the weakest aggregation to one of the strongest crews.

The Sophs are finally getting in trim by means of gruelling three-mile rows. Of late the boat has been made up with Duff in bow, Bousquet at two, MacRae at three and Berkowitz at stroke. These men have not been picked finally, however, for tomorrow Coach Stevens will make his own choice.

TWO HOURS OF DRILL

The entire Regiment will have drill from three until five this afternoon, received cards, should call at the of- Minnesota is struggling to obtain to prepare for the inspection which

ARCHITECTS ADVISED TO STUDY IN PARIS

Chemists To Think In Unusual Arch, Eng. Elections Also Announced-Another Smoker Coming.

Mr. William T. Aldrich gave an interesting talk before the Architectural Society last evening. The talk was rather of an informal nature and contained principally the speaker's reminiscences of his experiences while a student in the Ecole. A detailed explanation of the entrance requirements, the courses pursued in the school and the French educational customs were given. The question of living expenses was taken up. Mr. Aldrich strongly advised everyone present to study in Paris even if unable to spend more than a year there.

He was followed by Mr. Charles Everett, also of the Institute department and a graduate of the Beaux Arts. Mr. Everett, having been a more recent student, was able to give several new changes in the curriculum.

The Society will hold its annual elections this afternoon at 2.15 in Room 42 Pierce.

Yesterday the Architectural Engineering Society elected the following officers for the ensuing year:

President-T. J. Barry, '15.

Vice-President--W. B. Spenser, 15. Secretary-C. M. Runels, '15.

Treasurer-F. D. Ross, '16.

Executive Committee: Chairman, W. B. Rivers, '15; G. Nixon, '15; A. F. Nye, '15.

A discussion of "Flat Slab Construction" will be given at a smoker of the Architectural Engineering Society to be held Thursday evening at 7.45 in 11 Eng. B. In reply to some hundred odd invitations sent out, many well known Boston engineers have signified their intention of being present at this time.

CALENDAR

Wednesday, April 29, 1914.

2.15-Annual Elections in Arch. Soc. Room 42, Pierce.

3.00-Regular Two-Hour Drill. Armory.

3.00-1916 vs. Powder Point. Dux-3.00-1917 vs. Andover. Andover.

6.30-M. E. Soc. Banquet. American House. 6.30-E. E. Soc. Dinner. Engineers'

Club. 7.30--Chem. Society. Union.

Thursday, April 30, 1914. 1.30-T. C. A. Advisors. Union. 5.00 -- Inctitute Comm Me.

7.45-Arch. Eng. Soc. 11 Eng. B.

The copies of the Prize Waltz at the Purdue Junior Prom are being sold at twenty-five cents per copy.

THE **TECH**

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WEDNESDAY, APRIL 29, 1914

IN CHARGE OF THIS ISSUE

R. B. Stringfield, '15; H. S. McQuaid, *17

We take great pleasure in presenting to our readers the following communication from the Assistant Manager of the Track Team.

COMMUNICATION

The Editor of The Tech:

Dear Sir-Probably nothing made as great an impression upon the members of the Track Team on their recent trip to Bowdoin College as the wonderful spirit and enthusiasm shown by the student body there From the acclaim with which the remarks of the first speaker were received at the student mass meeting the evening before the meet, to the final cheer which our team was given on departing the next day, every acthe merits of our own men.

doin entertained practically no hopes of winning the meet to begin with tive when snappily given. It is difficult for our track men, accustomed to running their dual meets fore the millennium we may have a before pitifully meagre audiences, to student body who will be able to sing realize the existence of a sentiment their college songs without having which will bring out every man in them thrown upon a screen, the college in a compact, perfectly drilled cheering body, to watch their

team go down to almost certain defeat. Yet such a sentiment exists at Bowdoin, and it will exist, not only through periods of victory but through the much more frequent periods of defeat.

If our team were given one half the support and appreciation by the members of the school which it represents and honors as was given by the student body and alumni of Bowdoin at their mass meeting, no college track team in the United States could claim superiority over us. This I may say with the greatest of confidence, and we have one of the finest coaches in the country to make good the boast, were he given half the chance.

At Bowdoin we were given credit for being one of the strongest if not the strongest of the New England track teams, and the probable winner of the New England Intercollegiate Championships this year. In Boston the first Tech man I met on returning from Brunswick wanted to know where the Track Team had been. I thanked him mentally for his violent display of interest, and then wondered at the contrast, a contrast deplorable but true.

Why is it that Technology's only spring and fall intercollegiate snort is unsupported, while Bowdoin, which has a total population less than that of one of our classes, and which has both football and baseball to occupy its men, responds to the same sport with all the enthusiasm of red blood ed Americans.

There are several "whys." of them is that poverty stricken entity who "takes in" Waldron's, the St. James, or the Gaiety once or twice a week, but who has failed to pay his class dues ever since the examiners admitted him to the Institute. There are those who claim that this species was never thoroughly examined. Another "why" is the many halo ed "seat warmer" who infests the Union on the warm spring afternoons a source of profit to the candy counter, to be sure, but a hindrance to the janitor, who desires to sweep. There are a myriad of these "reasons" infesting our halls, and it is my fond hope that they may some day be catalogued by the Union Committee for reference. All of them should be educated or eliminated.

When the manager at Bowdoin was asked how many he expected at the meet, he replied without hesitation. "To begin with, every man in the college will be there." It is needless to add that his confidence was justified by the attendance of the student body with a band and with their girl friends. While we cannot hope for this Utopian condition immediately, tion bespoke the pride which the col- let us trust for at least a representalege took in its team and in its tive number of Tech men at the Holy coach, as well as the appreciation of Cross meet next Saturday, and let us have our first organized cheering Particularly remarkable was the section at the New Englands at the enthusiasm shown, inasmuch as Bow Stadium the last of May. Our "we are happy" yell is wonderfully effec-

And finally, let us hope that be-

Very sincerely yours, D. B. WEBSTER.



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C. E. SOCIETY HEARS UNUSUAL TALK

Mr. Babson Tells of Science of Forecasting Business Prosperity.

Room 11, Eng. B. was crowded yesterday afternoon with men who listened for an hour with much interest to the talk by Roger W. Babson, '98, on "Forecasting Business Conditions." Mr. Babson is President of the Babson Statistical Organization, Inc., and is thus engaged in a line of work which is unique in many respects

The work of the Organization bears some similarity to that of the Weather Bureau, Under Mr. Babson's direction mercantile and financial conditions are studied all over the country, and weekly reports, charts and prosperity maps sent out to the subscribers. These latter are of two types, the one a map of the country showing what might be called high and low pressure areas of financial activity, and the other a composite chart indicating the prosperity by means of the markets in foodstuffs, stocks and bonds. Study extending over a long period of years has shown these to be governed by certain laws, and by means of these it is possible to forecast conditions some time ahead with a considerable degree of accuracy. Mr. Babson discussed these and advised the students to keep as familiar as possible with financial matters, as the knowledge is of invaluable aid in the commercial world. He also advised them to spend the time they usually spend wondering what they will do after graduation in doing something more useful, and cited himself as an example of one who fell into an occupation of which he never could have dreamed in school.

Announcements of the annual banquet to be held May 7th were made, they being substantially as reported in THE TECH yesterday. Further announcements will be made at a later date.

Dudley E. Bell was elected captain of the team at a meeting of the members yesterday.

1917 PLAYS ANDOVER

Freshman Baseball Team Leaves North Station At 2.14.

The Freshman baseball team will leave this afternoon from the North Station on the 2.14 train for Andover. The following fellows will meet in the main waiting room at 2.05 sharp so that they can get seats together on the train: Kendall, Henderson, Cady, Simpson, Story, Stevens, Gardner, McQuaid, Bell, Farnsworth. The team will be the same that faced the Sophs last Saturday except for changes in the outfield made to strengthen the stick work of the team. Henderson will probably do the pitching for the Freshmen with Cady playing center field and Simpson in right. The strength of the Andover team is as yet unknown as this will be their first game and they will probably show the lack of expe. Twelve different college newspapers rience. The Freshmen have played will be represented.

three games and, although they have not been victories, éach has served its purpose so that today the Freshmen will put on the field the strongest lineup which has yet represented them. Henderson is in top-notch form and with good support the team should give a good account of itself.

EXPOSITION AND CANAL IN ILLUSTRATED TALK

Monthly Arranges Talk On May Ninth in Huntington Hall—Free.

"The Panama Canal and The Panama Pacific International Exposition' is the subject of a lecture to be given under the auspices of the Technology Monthly in Huntington Hall on Saturday, the 9th of May, Mr. B. L. Lick, the lecturer, will illustrate his talk with over two hundred fifty stereopticon slides showing the only recent pictures taken at the Canal and the Exposition.

the Monthly secured Mr. through the courtesy of Mr. Moore, Commissioner General of the Exposition. Tickets will be out later this week and will be given to all students and faculty desiring them for themselves or for their friends. The management of the Monthly hopes that many of the students will avail themselves of this opportunity and will bring their friends with them.

The lecture will start at 8 P. M. and last a little over an hour. All tickets are absolutely free.

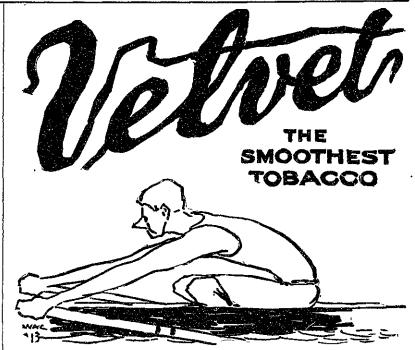
TENNIS ASSOCIATION

Spring Tournament Entries Will Be Extended to Thursday.
The tennis association has decided

to extend the time for receiving entries for the spring tournament to Thursday April 30th, at 6 p. m. From present indications this year's tournament should be even more successful than that of a year ago. Not only is the list of entries larger but the standard of tennis played by the entrants is far superior to that exhibited in the past Tech tournaments.

The association according to custom has ranked seven men whose showing in the fall tournament en titles them to be considered as the logical men from which the Institute team will be chosen. Each man on this list is entitled to challenge the man directly above him for a better position. In no case may a man challenge anyone more than a rating above him. Any man in the Institute is privileged to challenge the last man on the list for his position and, in the event of his defeating him, he may continue to try to improve his ranking by challenging the man directly above him The following is the ranking: (1) H. R. Stewart, (2) E. R. Goodwin, (3) R. A. Warren, (4) H. V. Fay, (5) E. G. Polley, (6) F. L. Hurlbutt, (7) D. E. Woodbridge.

The fifth annual meeting of the Ohio College Press Association will be held in Oberlin on May





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COSMOPOLITAN CLUB NOMINATIONS OUT

Elections At Annual Dinner May Ninth. Nominations Still Open.

The list of nominations for the officers of the Cosmopolitan Club has appeared on the bulletin board of the club in Rogers Corridor. Additions to this list may be made by handling nomination papers signed by five members of the club to any member of the nominating committee or by leaving the same at the cage. The nominations at present are as follows:

President, Rafael Alfaro, '16, Francis E. Stern, '15; First Vice President, Te Chun Hsi, '15, Gustave A Saladrigas, '16; Second Vice President, Rudolf Beaver, '17, Vicente F. Checa, '17; Secretary, Eduardo E. Sarti, '16, Joaquin R. Masferrer, '15, Rudolf Beaver, '17; Treasurer. Alfred E. B. Hall, '15, Steward Keith, '16; Councillors, Mr. Blackstein, Dean Burton, Prof. Doten, Prof. Vogel, A. H. Waitt, '15; National Chairmen, American, Steward Keith, '16, Francis C. Foote, '15; Latin American, Gustave A. Saladrigas, China, Takang Kao, '15.

The Committee is very sorry that no more nominations for National Chairmen were turned in, and it is hoped that the members will desig nate their choice for this office immediately. The elections are to be held at the annual supper in the Union, on May 9, and it is very important that every member of the Club reserve this date, as it will be impossible for any one to vote who does not attend this meeting. The final nominations will close at 5 o'clock on luonday, May 4, and no nominations can be accepted after that date.

BOARD ALL SELECTED

Work of Electoral Committee Finished in Good Time.

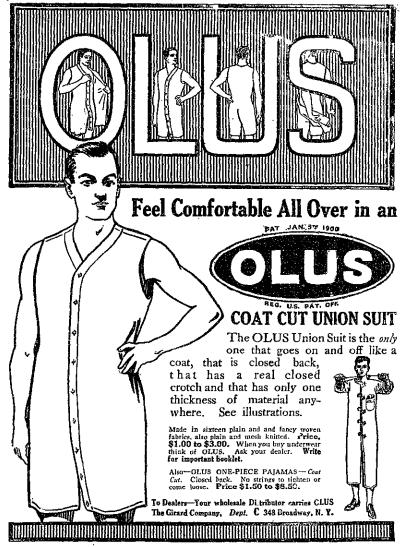
Yesterday the Technique Electoral Committee elected A. E. Storm to the position of Grand Editor of the 1916 year book. Storm is a member of Course X, and comes from New York City. Last fall he was on the committee which had charge of the Tech Night performance. He belongs to Sigma Alpha Epsilon.

The work of the Electoral Committee is now completed, and all the positions of the board are filled, with the exception of a few for which compêtitions will probably be held next fall. The newly selected board will meet some time soon for preliminary discussion, the time to be announced later.

TECHNOLOGY HOPEFUL OF VICTORY SATURDAY

Team Expected To Grab Many First Places—Men Showing Up Well.

The results of the Holy Cross Meet will give a good indication of Technology's chances in the New England Intercollegiates. It looks as if there would be no one on the Holy Cross team able to compete with Wilson, Loomis, and O'Hara in the sprints,



but the performances of these men on Saturday will give an indication of how they will compare with Olson of Dartmouth, and "Charlie" Rice, formerly of Powder Point school and now of the University of Maine. If Captain Guething defeats Lee of Holy Cross in the quarter-mile it will give evidence of his chances when running this distance against other New England men.

C. T. Guething and D. P. Thompson will be placed against Higgins on Saturday and a victory would bode well for a Tech victory in the halfmile in the New Englands. Benson will not have much competition in the mile, but Dumphy of Holy Cross, is said to be a good man at that distance. Fred Cook should break the

finish well up in both of the Intercollegiates.

Tech's hopes in the hurdles received a setback today on account of the illness of T. Huff, but it is hoped that he will be back in shape by Saturday. The high-jumpers and polevaulters will have to show improvement if they wish to help get the championship of New England. It looks as if Leslie and Fox will easily win places, but the hammer and discus will probably have to go by default as far as Tech is concerned.

Taken as a whole the Holy Cross Meet will give Coach Kanaly and Captain Guething excellent opportunity to forecast the position which Technology can hope to win at the Stadium on May 23rd and the ex-Technology record in the two-mile if cellency of the competition will furhe is pushed, and if he does there inish as interesting a series of events is little doubt about his ability to as could be desired.

HARVARD DOMITORIES

Students attending the Mass. Institute of Technology are to be eligible to room in the Harvard Dormitories the next college vear.

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LOST

In Room 33, Engineering A, a copy of Kimball's College Physics, name Ralph Millis. Contained loose sheets with formulae for computing alternating current. Please return to THE TECH lower office.