

# THE TECH

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PRICE ONE CENT

## FOUR LEADING PROFESSORS ADDRESS CIVILS TO-NIGHT

### First Civil Engineering Dinner Of Year In Union At 6.30

The Civil Engineering Society will hold its first dinner tonight at 6:30 P. M., at the Union. The speakers of the evening will be Dean Burton, and Professors Spofford, Porter and Allen. Under the new management of the civil engineering department, the later three men rank equally as heads, and with the Dean, are the best representatives of this branch of engineering at the Institute. Besides a large attendance of old men, a good number of sophomores are expected.

As men in the second year of Courses I and XI are eligible to membership, the officers expect that a large percentage of 1912 will apply to them for admission.

As in previous years, it is expected that several excursions will be taken to places of interest to engineers, and afford to the members much knowledge of a practical nature. Later in the year other dinners will be given at the Union and down town.

## PROFESSOR DOTEN REQUESTED TO WORK ON CENSUS

### One Of College Professors Who Aided Government

Professor C. W. Doten has been requested by the director of the thirteenth census to continue his work as expert special agent during the three years of the census period. This request is the result of Prof. Doten's summer work in Washington.

Fifteen college professors representing all sections of the country were called to the capital to spend the summer in advising the director and chief statistician regarding the formulation of schedules to be used in taking the census. Prof. Doten was one of the four men from the leading New England colleges: Harvard, Yale, Dartmouth; U. of Wis., U. of Min., U. of Kansas, Cornell, U. of Texas, and the Carnegie Technical School were also represented.

Professor Doten and seven others devoted their time to the census of manufacturers. Besides the general schedule covering all kinds of manufacturing establishments, Prof. Doten's particular line of work was the preparation of special schedules for the enumeration of the several branches of the textile industry. The taking of the census will commence January 1, 1909, and will cover the fiscal year, 1909.

This is the first time in the history of the census that such careful preparation has been made for a scientific enumeration, and the census authorities feel that material improvement has been made in many lines. There will be about fifteen hundred college men under the direction of twenty or thirty expert special agents taking the census of manufactures. Sixty-five thousand enumerators under the direction of about three hundred and thirty supervisors will be engaged in taking the census agriculture, and in the enumeration of the population.

Professor Doten will continue his work if the time required does not interfere with his Institute duties.

## ORGANIC CHEMISTRY THESIS WORK

### Third Volume of Prof. Mulliken's Nears Completion

Organic chemical research was the summer occupation of two students of the Institute. As thesis work, H. P. Trevithick 1910 and R. C. Kerr 1910, made a study of the dye-stuffs contained in food.

Recent legislation, both State and National, commonly known as "pure food laws," has prescribed what coloring matters may be used in foods. For the enforcement of such laws, special methods of analysis are necessary. This thesis on the identification of organic dye-stuff in mixtures as employed in foods will aid greatly by the improvements, methods for testing for such colors. For this thesis the laboratory work was completed during the summer, and as soon as the results have been worked up, the thesis will be submitted to the faculty for approval. The men are graduate students, candidates for the degree of S. B.; Trevithick having a Ph. B. from Wesleyan and Kerr, an A. B. from Johns Hopkins.

Professor Mulliken has, during the past summer, been completing the manuscript for the third volume of his work, "General Methods for the Identification of Organic Materials." The new volume will be entitled, "The Identification of Commercial Dye-stuffs." It will be printed by the Stanhope Press, of Boston, and published, as the other volumes have been, by John Wiley and Sons.

## TENNIS TOURNAMENTS ENTRIES CLOSE TO-DAY

### Entrance of New Men Makes Results Uncertain

The entries for the fall Tennis Tournament close today at 5 P. M. The list of eight men ranking first and their relative order has been posted, as decided from the standing last May, and the results of the intercollegiate.

The entries are to be left at the Cage for P. M. Wentworth 1910, manager. The entry fee for singles is 75 cents per man, and \$1.50 for doubles per team. The results of drawings will be posted in Rogers, Saturday morning, at 9 A. M., and where possible the preliminary rounds should be played Saturday afternoon. However, all matches must be played by Wednesday, October 13, or they will be defaulted. Each man is expected to look up his opponent immediately and make arrangements for the match. As is usual, each man is required to bring three new balls and three are to be used in the match. The winner takes the new, the loser, the old balls.

Matches may be played on any court, and any man wishing to enter the doubles and knowing no one who plays, may leave his name for the manager, who will try to find a partner, however, there will be no guarantee of quality.

Last year a system of grading players was adopted. Under this system ten men were picked and graded. Any man of the ten might challenge the next above him, and if he was victorious, would ascend to his place. Also, any one not listed could challenge the lowest man on the list, and if successful,

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## 1913 CLASS MEETING DISCUSSES CONSTITUTION

### Copeland Appeals For Better Support Of Teams

The meeting of the class of 1913, as announced at last Tuesday's meeting, was called to order by temporary Chairman Holmes, a few minutes after one o'clock yesterday. The minutes of the Tuesday meeting were read and accepted.

S. B. Copeland 1911, who is taking charge of the 1913 tug-of-war practice, spoke at some length on the necessity of getting more men out for the various teams. The football team, he said, is the only one for which there are enough candidates to pick a team from, and added that the responsibility for getting men out rested with each member individually. Seventeen men were the most that had been out any one night this week for the tug-of-war team, and at least forty men should be out to stimulate the requisite amount of competition for the twenty-five places.

At the close of Copeland's talk, Chairman Holmes said that he had been asked to speak of the necessity for candidates for the freshmen band, and that any who could play some instrument should go out for the band, in order to make it more successful this year than it has been in the past. In spite of the slim attendance, Holmes decided that it would be best to devote the meeting to a consideration of the constitution, in which the committee appointed Tuesday have been working. The draft prepared by this committee was then read by H. M. Rand.

The constitution is adopted from that of the junior class, with some minor alterations, and was adopted by the members of the class present without and changes.

In accordance with the provisions of this constitution, Chairman Holmes appointed an election committee consisting of F. R. Barker, chairman; George Richter, S. H. Champlin, P. M. Hamilton and C. J. Fallon.

Members of the class of 1913, should note that nominations for officers should be made out on a paper signed by ten members, and handed either to any of the committee on elections, or left at the Cage for this committee. Nominations close Monday of next week at 4 P. M. Ballots will be sent to all members of the class, but only those who have paid their dues of \$1. previous to the election will have the ballots counted. Another provision of the constitution is that it is to be signed by all the members. Secretary Buchard should be seen about this matter by all freshmen.

## WIRELESS MEMBERS MEET TO-DAY

The Wireless Society is about to complete plans for the erection of a receiving station at the Institute. The society is well established at the present time, and the equipping of a modern and efficient sending station is the most important move that will be made this year. A committee was appointed Monday by the board of directors to investigate this matter, and their report will be made at the meeting this afternoon.

The membership of this society has increased considerably this term and any new men who are at all interested should be present this afternoon. There are no membership dues, and all stu-

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## TECHNIQUE ART REGULATIONS CHANGED

### Board Decides To Credit Even Unaccepted Drawings

The board of editors has granted an extension of time until Nov. 1, 1909, to the competitors for positions on the art staff of Technique 1911. This was done to give an equal opportunity to all men who had a desire to make the staff. Many have not had the time during the summer to prepare their drawings, owing to their summer work taking most of the time. Every man in course IV should submit drawing, and all other members of the junior class who can draw should hand in sketches, even if not for the staff.

Competitors are required to submit one full page drawing and one heading, or three headings. More than this may be submitted. The full page drawings need not be colored, but if colors are to be used, their nature is to be indicated. All headings are to be made in pen and ink. Those men who have submitted drawings during the summer, equivalent to these requirements, need not do extra drawings unless they wish to do so.

This year's board has decided to credit men with every contribution made to Technique, whether accepted or rejected. In this way it is a considerably benefit for underclassmen to contribute in any or all departments, as the records of these contributions will be given to the succeeding electoral committees to aid in the choice of future Technique boards. Thus it is seen that work for the present Technique will be a step toward a position on the board of later Techniques.

It is the desire of the grind department to have a man in each section of the freshmen class and one in each course in the three upper classes to collect grinds. Accordingly, any men who are willing to do this are earnestly requested to leave their names at the Cage for O. B. Denison, grind editor. These collectors will have a splendid chance to get one of the cash prizes offered by the department for the best collection.

D. R. Stevens, editor of Technique 1911, will be glad to meet all men who are interested in the work of any department. Word will reach him through the Cage.

## HARVARD GIVES DEGREE TO DOCTOR NOYES

### Thirty Delegates To Lowell Inauguration So Honored

At the inauguration of President Lowell of Harvard, on Wednesday morning, that university conferred on Dr. Arthur A. Noyes, the degree of Doctor of Science. In presenting the degree, President Lowell addressed Dr. Noyes as a "chemist of renown, a leader of research in physical chemistry. As professor at the Massachusetts Institute of Technology, and recently its head, our neighbor, our fellow-laborer and our friend."

The same degree was also conferred upon Dr. Elihu Thompson, non-resident professor of applied electricity at the Institute, and of him it was said, "a magician, who by the witchcraft of science has subdued electricity to the service of men." Among the thirty recipients of degrees, were two others well known to Institute men through their books, the Hon. James Bryce, and President Ira Remson of Johns Hopkins.

# Cross Country at Needham Tomorrow