

The Tech

VOL. XXV. No. 10.

BOSTON, MASS., WEDNESDAY, OCTOBER 18, 1905

PRICE THREE CENTS.

KAISER HONORS TECH MAN.

A. L. Rotch, '84, Receives the Order of the Red Eagle.

Emperor William paid great honor last Monday to a Tech man, A. Lawrence Rotch, '84, II, founder and director of the Blue Hill Observatory at Milton, by bestowing on him the Order of the Red Eagle of the third class.

Mr. Rotch, who is now with his family in Germany, where he visits every summer, is one of the best scientific men in America and has devoted the greater part of his life to the study of meteorology. He graduated from Course II of the Institute in 1884, and the next year established the Blue Hill Meteorological Observatory. There he has since made important researches among the clouds and introduced the use of kites for weather observations.

The Order of the Red Eagle is a Prussian Order founded in 1734, and in 1791 was raised to the rank of second in the Monarchy. The badge consists of a white Maltese cross with red eagles between the arms, in the centre of a golden plaque, with the cipher "F. W. R." and the motto "*Sincere et Constante*." The ribbon is white, with two orange stripes.

1908 CLASS MEETING.

At a meeting of the Sophomore Class held in Huntington Hall, Monday at 1 P.M., Mr. McGrath, coach of the '08 Relay Team, spoke to the class concerning the condition of the team, and urged the men to give each team more active support, especially by coming out regularly for practice.

W. R. Heilman was elected manager of the baseball team for the coming year. W. F. Dolke was appointed to make all arrangements for flags, banners and other insignia for Field Day. P. B. Barrett, H. W. Wellington and F. H. McGuigan were appointed a committee to report on the question of class pipes and canes. F. H. McGuigan was elected cheer leader in recognition of the splendid work he did last fall in that direction.

STUDENT STATISTICS.

The number of students at Technology this year is only 1430. Last year there were 1561 students enrolled. This decrease of over one hundred is due to the fact that the first-year class is much smaller than that of last year, there being only 275 men in 1909 as compared with 380 in 1908.

The total number of new foreign students is not yet known, but new men from the following countries have called on Dr. Tyler for advice: India 1, Uruguay 2, Chili 1, Spain 1, England 3, Ireland 1, South Africa 2, China 2, Italy 1, Japan 2, Australia and Egypt 1.

CROSS COUNTRY TEAM.

Two Races.—Harvard and New York Intercollegiate.

The Cross Country Team will race Harvard on Field Day, November 11, and will be entered in the New York Intercollegiate races on November 25. This is the first time that Tech will be represented in the Intercollegiate races where the best cross country teams in the country compete every year. Among the teams that Tech will meet there this year are Cornell, Yale, Harvard, Pennsylvania and Columbia. This being Tech's first appearance in the Intercollegiate races it is especially desirable that we make a good showing. This is a team race and the more candidates there are the better the team that can be produced.

The preliminary trials will be held this afternoon over the course from West Roxbury to Tech Field, and twelve men will be selected to receive special training. The team will go to training table in about a week and remain there until the Intercollegiate races. If everybody would support the team it would be a success.

Those who are to take part in the trials should report at the Back Bay Station at 4.20 on Wednesday, October 18.

JUNIOR CLASS DINNER.

The Junior Class Dinner will be held at the Tech Union on the evening of October 28. Westover & Foss of Boston will do the catering. All members of the Junior Class are urged to attend, and a good time is assured. E. H. Packard, '07, will be the toastmaster. Tickets may be procured from any of the following men: J. H. Leavell, L. Allen, S. R. Miller, H. S. Wonson, O. H. Starkweather, D. G. Robbins, or E. H. Packard. The price is 75 cents.

HARE AND HOUNDS.

The next Hare and Hounds chase will be held next Saturday at Wellesley. The trail will probably be about six miles long. This will undoubtedly be the best run of the season and the manager hopes that all the old runners and a lot of new ones will be out.

The party will go out on the 2.07 train from Trinity Place Station. The round-trip fare is 30 cents.

LOWELL INSTITUTE.

The first lecture on "Reconstruction and Negro Suffrage," by James Ford Rhodes, L.L.D., was given last evening in Huntington Hall under the auspices of the Lowell Institute, with an attendance of over two hundred and fifty. The immediate subject of the evening was "The Enactment of the Congressional Plan of Reconstruction." The next lecture of this course will be Friday evening.

ATHLETIC ASSOCIATION.

Meeting Tomorrow at 1 P. M. in Huntington Hall.

The first meeting of the year of the M. I. T. A. A. will be held tomorrow at 1 o'clock, in Huntington Hall. This meeting is open to all students and, in fact, according to the constitution adopted last year, every student of the Institute is a member. The association has entire control of all Technology athletic teams, and elects the managers of all the teams. The captains of teams are elected by the teams themselves. All managers of athletic teams are responsible to the M. I. T. A. A., and make their reports in the association meetings.

The M.I.T.A.A. gives three meets during the year, the Fall Handicap Meet, the Winter and Spring Meets. The association has entire control of these meets, appoints all the officials and arranges all details.

At the meeting tomorrow the President, Vice-president, and Secretary-Treasurer for the year will be elected. These three officers are the student representatives on the Advisory Council. It is the Advisory Council that has charge of Field Day. The managers of the Track Team and other teams will probably be elected tomorrow. It is very important that all teams be represented at the meeting.

SENIOR CLASS NOMINATIONS.

The Election Committee of the Senior Class have extended the time for handing in nominations till Friday, October 20, at 1 P.M. Not enough nominations have been received as yet. They should be handed in at the Cage signed by ten members of the class.

The list of nominations up to date is: President, C. T. Bartlett, M. A. Coe; Vice-President, S. C. Coey; Secretary, T. L. Hinckley, W. H. Trask, J. L. Wick, Jr.; Treasurer, E. M. Berliner, H. C. Henrici, R. R. Patch; Institute Committee, L. G. Blodgett, G. W. Burpee, J. Lage, J. T. Lawton, H. M. Nabstedt, C. F. W. Wetterer; Executive Committee, R. Bingham, G. M. Henderson, H. B. Orcutt, P. B. Stanley, H. S. Wilkins, H. L. Williams.

MECHANICAL ENGINEERING SOCIETY.

More than fifty members of the Mechanical Engineering Society enjoyed the talk on Concrete Machinery by Mr. Frank B. Gilbreth last evening at the Tech Union.

Mr. Gilbreth explained in detail the numerous machines on the market for mixing concrete. He called attention to the fact that the mechanical engineer is sought after in the building business and that a knowledge of what was required for mixing and handling concrete might be the making of a fortune as there is a great opportunity for inventions and improvements in the machinery now used.

CALENDAR.

WEDNESDAY, OCTOBER 18.

4.20 P.M. First Trials for the Cross Country Team. Leave the Back Bay Station.

1.00 P.M. Round Table Meeting in 21 Rogers.

THURSDAY, OCTOBER 19.

1.00 P.M. M. I. T. A. A. Meeting in Huntington Hall.

1.00 P.M. 1907 Nominations due at the Cage.

1.30 P.M. Y. M. C. A. Weekly Meeting in 11 Pierce.

8.00 P.M. Lowell Institute Lecture in Huntington Hall.

FRIDAY, OCTOBER 20.

1.00 P.M. 1908 Class Nominations due at the Cage.

8.00 P.M. Architectural Society Smoker at the Tech Union.

8.00 P.M. Lowell Institute Lecture in Huntington Hall.

FACULTY NOTICES.

MILITARY SCIENCE.—Beginning with today's drill, every Freshman will be required to wear a uniform with cap, white standing collar, and clean white gloves.

SECOND-YEAR ENGLISH.—Note-books are to be handed in at 16 Rogers, and are due as follows: From Courses III., IV., V., VII., VIII., IX., X.², X.³, XII., October 26; from Courses II., VI., XIII., October 27; from Courses I. and XI. (covering lectures up to October 20 inclusive), October 23.

NOTICES.

ROUND TABLE.—There will be a meeting of The Round Table, Wednesday at 1 P.M., in 21 Rogers.

ORCHESTRA.—All men who play orchestra instruments, especially violins, are requested to communicate with C. F. Willis, '06, with the view of forming an orchestra.

1908 PIPES AND CANES.—All Sophomores who wish class pipes or canes will please leave a note at the Cage for the 1908 Pipe and Cane Committee, stating their wishes, especially whether they wish drop or straight stem pipes.

MINING BOOKS.—The annual list of students wishing copies of "Coal and Metal Miner's Pocket-book," is now being made up. Names must be handed in before the end of this week, to C. E. Locke, 11 Rogers, in order to get the benefit of the reduced price.

Y. M. C. A. MEETING.—The regular meeting of the M. I. T. Y. M. C. A. will be held tomorrow in 11 Pierce, from 1.30 to 2 P.M. Markham W. Stackpole, assistant pastor at the Central Congregational Church, will address the Association on "The Team-work Principle." All students are invited to attend.