DR. PIERCE GIVES TALK AT HARVARD
Tech Men Among Large Audience Which Hears Talk and Then Visits Laboratory.

Last Saturday evening a most interesting meeting of the New England Wireless Society was held in one of the lecture rooms of the Jefferson Physical Laboratory at Harvard College. The meeting was called to order by Secretary Chance, and Dr. Pierce to a large audience, which did not contain an entirely of the upper class, and which included many Tech men. Dr. Pierce, who is one of the professors in the department of Physics at Harvard, began his lecture by describing some experiments which he is now carrying on in investigating the effects of such various factors as inductance, capacity, reactance, and resistance in producing a sharp resonance in the receiving circuit of a radio-telegraphic station. He explained how a station is ordinarily tuned to two separate waves, and discussed his endeavors to eliminate this disturbing feature. Later in the talk a technical paragraph which were used were very interesting.

After this discussion Dr. Pierce, with the aid of Dr. Chaldee, showed a Tesla coil which was intended for using the spark of an ordinary transformer or induction coil to produce electric oscillations, a he used a loudspeaker for exciting the Tesla coil. Then, instead of producing a simple fundamental in the coil, a large number of harmonics and subharmonics were drawn from the terminals and an electric lamp was illuminated by current passing through the coil. Large numbers were simultaneously and beautifully illuminated when brought into the earth field surrounding the Tesla coil. After passing through the windows of many variously shaped and colored soap-bubbles the air was purified of heavy wires across the terminals. When copper or silver were used in the experimental setup they were unaffected, but a strip of iron bent over the coil would show the lines of force. The lines were hot, by the rapidly oscillating magnetic field. Dr. Pierce interspersed the technical matter with many witty and interesting remarks.

BISHOP THOMAS SPEAKS THIS NOON IN UNION

"The Last of the Frontier" is the Topic of the Address.

Although notices were posted all over the Institute yesterday announcing that the T. C. A. meeting was to be held until Tuesday, a large number of men gathered in the Union with the expectation of hearing Bishop Thomas of Wyoming speak on "The Last of the Frontier." Dr. Thomas plans to return to Wyoming from Baltimore and Philadelphia, where he has been speaking this last week, in time for the meeting here. To reach here on time he found it necessary to travel by the Federal Express. As he was busy up to the last moment he failed to apply for the second-class car, until it was too late to procure them. This necessitated his traveling on a slow train and spending too late for his appointment. He communicated with the secretary of the T. C. A. at once, explaining the situation, and the students were given special notices. The Institute, with the aid of Bishop Thomas was sufficiently close second. The 440-yard run should be won by Guething '14, but by the way that Bolton '14 and Mudge '13, ran in the trials for the quarter-mile race, they will probably get a first race. He seems to be a little off form recently and will have his hands full to beat these men.

The half-mile will be a tussle between '14 and O'Brien '13, but it is a matter of conjecture at present. He does not expect to win. The mile run looks a little better, but the finish put up by Lee '14, in the mile run last Saturday classes him as a dangerous man, and he will make some smart his attempt to win.

McLeod is the favorite in the shot-put, although he has not put in a great number of practice throws. If this happens he will certainly manage to win the competition by a large amount, but if he does not put in a very good performance by the two of these men if he does not actually tie them, a slight favorite, with Curtis '15, a tie will probably be the result. The 220-yard hurdles should be won by the members of the Eastern and a large number of the Celtic men will probably participate. To the first man to beat these men.

M. I. T. CATHOLIC CLUB

Talk on Evolution at Union by the Rev. P. E. Cusick.

Tomorrow night the Catholic Club will hold its first of a series of talks on Evolution. The meeting will be held at the Union, at 8 o'clock. A fine dinner will be given, after which the Rev. Peter E. Cusick will address the society.

The subject of the address is one of the most interesting and of vital interest to every serious thinking man. It is hoped that a large number of members will be present.

ANNUAL INTERCLASS MEET FRIDAY AT GYM

Big Indoor Athletic Event of Year Open to Men From All Classes.

Next Friday, at 8 o'clock, the annual interclass meet will be held at the gymnasium. The event is the result of its kind to be held at the Institute in recent years, and it is expected that everyone of athletic ability will be present to participate. The first and second place medals will be awarded.

The list of events is as follows: 20-yard dash, 40-yard hurdles, 400-yard run, half-mile run, obstacle race, shot-put, pole vault and high jump. In the 80-yard dash, Whittles '14, seems to be the favorite, although Harrell '13, and Wilson '14, are looked upon as formidable opponents. In the 400-yard hurdles, Huff '14, rules the event without a doubt. In the half-mile run, Doctor '13, cuts the close second. The 440-yard run should be won by Guething '14, but by the way that Bolton '14, and Mudge '13, ran in the trials for the quarter-mile race, they will probably get a first race. He seems to be a little off form recently and will have his hands full to beat these men.

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