Lecture on Wireless Telephony at Harvard
Dr. E. L. Chaffee Addresses New England Society on His System.

Only a few decades ago the whole world was awed by an invention which enabled two persons to talk with one another when they were separated by a distance of several thousand miles and connected by merely two threads of metal. In the present decade an invention is being perfected which enables the same conversation to be carried on with even the two wires eliminated and, wonderful as this invention is, the world at large knows nothing about it.

The members of the New England Wireless Society were privileged last Saturday evening in hearing of the very latest developments of the science from the lips of one of the inventors. The occasion was that of a regular meeting of the society held at the Jefferson Physical Laboratory at Harvard. Dr. E. L. Chaffee of Harvard addressed the members on the subject of his system of wireless telephony which is in perfect working order with Dr. Pierce of Harvard.

The distinguishing feature of his system is the arc he employs to produce the excessive heat which melts the copper and aluminum respectively and operates in an atmosphere of hydrogen. The rectifying action is supposed to be due to an electrolytic action of the discharge, in which a film of aluminum oxide is alternately formed and reduced. This action is somewhat analogous to the ordinary rectifier used for alternating currents. Its positive and negative terminals are copper and aluminum respectively, and it operates in hydrogen gas.

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Dr. Chaffee stated that he devised this gap, while attempting to determine experimentally the velocity of electromagnetic waves. In thephonograph, as shown how a certain scientific investigation often leads to discoveries important in other fields of science which are hard to perceive them.

A peculiar feature of this gap is the (Continued on Page 3.)

Glee Club.
The Glee Club has experienced quite a shaking up since the beginning of the second term. The advent of Tech Show rehearsals has taken from it some of its best, and as a result the club at present is in a somewhat depleted condition. The club is seeking to build up again this week by recruitment and will give a practice for the bass and first tenor parts. The club is going to start afresh this week with a new lease of life and an interesting, and the club now, especially in the first half and second quarter, the club is going to start afresh this week with a new lease of life and an interesting....

Electrical Society.
F. H. Achard has been appointed chairman of the Executive Committee of the Electrical Engineering Society for the ensuing term. The society has also made a change in the custom of its business calendar, and will be held on the bulletin board in front of the Engineering Library. This change is to enable the professor and the students to keep in touch with the events of the society.

Successful Career of Henry W. Hoole
Technology Graduate Attains Unusual Prominence as Efficiency Expert.

On Thursday, February 20, one of the most promising young engineers that the Institute has ever produced was lost to the world through the death of Mr. Henry W. Hoole, M. I. E., 38. Although he was less than thirty years of age he had been very successful in the practice of his profession, and all the men with whom he worked speak highly of him. Mr. Hoole was several large manufacturing concerns, and the man of genius never for purposes of the metal and the intelligence and ability he showed throughout the whole of his short

Mr. Hoole was born in Lowell, Massachusetts, in 1884, in very humble circunstances, and it is only through his own conscientious efforts and moral courage that he was able to get any thing better than a common school education. While attending school he itstitute himself by doing odd jobs and making up his wages, which was with the Boston newspapers, where he graduated with high honors he im mediately entered the firm of Miller, Nash & Stevenson, of New York, as an efficiency engineer. In three and a half years he left the employ to fill the position of general manager of the Hartford浦s' Association of Indianapolis, where he ac

Freshman Track Team to Meet Medford High
Will Enter the Entire Squad in the Meet - Inter-Class Meet Saturday.

No trials will be held for the Freshman track team to determine the entry for the meet with Medford High School this week. Arrangements are under way to permit the entire Freshman squad to compete, as this will give all the men some experience, the lack of which was noted at the meet with Lowell High. The meet will be held at 4 p.m. Wednesday afternoon, and all admission will be charged. All the men will be ready to the Grammar after drill in order to be on time and need it will be necessary to start on time in order to finish before six.

The interclass meet will be held Saturday afternoon at 2:30, and the Sophomores are beginning to come out for practice, and will have a very strong team in the field. The Freshmen have also a very fast team, and will sorely strengthen the track events. The photographs will undoubtedly fall in the field events, and Barry and Homburg must be counted on as they are quite more than their usual form in the dashes, and Currie should have no difficulty winning the hurdles.

Chess Tournament
Drawings For Match Announced
Meet With Harvard
The preliminary round in the Chess Club Tournament, which is now being played, will close March 5. The charge has drawn up the following rules to govern the tourney:

1. No one is eligible to enter the tournament who has not paid his second term's fee.
2. Two out of three games played constitutes a win.
3. Moves must be chosen by lot, and an alternate color must be used each game.
4. One week will be allowed for each round until the semifinals and finals are reached.

The drawing for the match are as follows:

T. F. Johnston and R. H. Newman, winner to play W. B. Merrill.

The winner of the first of the following groups is to play the winner for the second; the winner of the third, the fourth, etc. L. W. Whitesides and D. C. Dunning, C. J. Johansen and L. C. Dustin, C. F. Northrop and J. Phillips, J. Paris and H. J. Chamber, L. B. Hoyt and R. D. Phillips, E. J. Jones and Condon, R. B. Sears and D. K. Woodbridge, W. H. Dudley and M. Woodcock.

As was stated in the Saturday issue of THE TECH, there will be a match played with Harvard in the Union at 7 p.m., Saturday, March W. The club invites all those interested in the match to be present.

Spanish Class.
A statement was made in last Friday's issue of the effect that the club was going to change the language used in the course of events of the city. This statement is wrong, and has no foundation whatsoever.

Calendar
Tuesday, March 4, 1913.
4.30-Final Selection of Chorus-Union.
4.30-Meeting of Men Out for News and Editorial Departments of the TECH.