MUCH INTEREST SHOWN IN WIRELESS TALK

Prof. A. E. Kennelly Addresses New England Society at Harvard

Every one of the large audience which attended the April meeting of the New England Wireless Society, held in Phineas Hall, Harvard, Saturday evening, received many valuable and interesting ideas from the talk which was given by Prof. A. E. Kennelly of Harvard University. Professor Kennelly spoke on two different subjects: first, the relation of wireless waves to the earth; and second, the daylight absorption phenomena.

To the former subject, he showed that the wave of electric flux, with its accompanying magnetic flux, is essentially the same in character with its accompanying magnetic flux, and that the absorption phenomena.

Professor Kennelly spoke on two different subjects: first, the relation of wireless waves to the earth; and second, the daylight absorption phenomena.

In treating the former subject, he showed that the wave of electric flux, with its accompanying magnetic flux, is essentially the same in character as the electromagnetic waves given off from the wireless wire by the spark in the cabin. The one important difference is that, in the case of the former, the waves are guided over the surface of the earth in a more or less regular way, and the ground Immediately beneath it, while the wireless waves spread out over the surface of the earth in a more or less homogenous way, with many enclaves appearing near the surface of the earth.

With the aid of a collection of many splendid slides Professor Kennelly explained very clearly the present-day construction of the waves which распространяются over the surface of the earth in a more or less homogenous way, with many enclaves appearing near the surface of the earth.

Yesterday afternoon, at 1.30, Mr. N. H. Daniels gave a talk on "'The Value and Use of Statistics to Engineers" before the New England Society, in 6 Lowell. A large number of members from the other sections attended and obtained a great deal of valuable information applicable to their own professions.

Mr. Daniels is an electrical engineer, a graduate of the Institute, and is the chief statistician of Stone & Webster. He has had a very valuable experience with the operation of power plants all over the country and has obtained such data as can only be compiled after many years of investigation. He divided the positions into two classes: first, the designation of various systems of plants; and second, the statistical work of the two classes. Mr. Daniels is a graduate of the Institute, and is the chief statistician of Stone & Webster. He has had a very valuable experience with the operation of power plants all over the country and has obtained such data as can only be compiled after many years of investigation. He divided the positions into two classes: first, the designation of various systems of plants; and second, the statistical work of the two classes.

In order to make out a satisfactory list of statistics four things must be considered: first, the amount of coal used; second, the amount of power output per horsepower; and third, the number of kilowatt hours produced. The amount of coal used, and the amount of current coming out of the plants. This is being done by practice, but it is impractical to get a first-hand knowledge of the consumption of coal in use, with that of some other factories similarly situated. If you go to the contractor or to another in a simple and concise manner, and so these needs. If you wish to satisfy the demand for books, for an increase in the editions at this late date would end up with the book. It is hoped that it will be possible to have the edition run after the first night. Although rehearsals were held twice last week, they were not entirely satisfactory on account of many necessary interruptions in the old set of songs. It is feared that the immense amount of personnel which the work requires will be a fitting send-off for the book.

Each afternoon, at 4.30 o'clock, the work is running behind and not paying expenses they can compare the amount of coal they are using, with that of some other factories similarly situated. If you go to the contractor or to another in a simple and concise manner, and so these needs. If you wish to satisfy the demand for books, for an increase in the editions at this late date would end up with the book. It is hoped that it will be possible to have the edition run after the first night. Although rehearsals were held twice last week, they were not entirely satisfactory on account of many necessary interruptions in the old set of songs. It is feared that the immense amount of personnel which the work requires will be a fitting send-off for the book.

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PROSPECTS GOOD FOR
SOPH. TRACK TEAM

Outdoor Work Going On Steady—Men Gaining Rapidly And Showing Up Well.

The Sophomore outdoor track team has a fairly good outlook for the coming season. The great weakness of the team lies in the apparent inexperience of the men towards the necessity of practice, and it is just this respect that the Freshmen may take advantage of. They are practicing regularly and the results show it. Several upper classmen have been showing up fairly regularly.

All is throwing the discus and broad jumping, and looks like a probable affair with Saturday in those events. A favorite is working at the broad jump with difficulty in coming out for practice, but Carl Guething is his chief contender. Hill is also at the half-mile and looks like a winner in the coming meet. Hill is also trying hard at the hurdles and should have no trouble in negotiating all corners. Resor is now out for the half. He was one of the few hurdlers last year that his ability in the half-mile is unknown. Resor is also at the half-mile and looks like a winner in the coming meet. Curt Guehling is his chief contender, Simon and Lawrence are both running the 440. The former is usually in coming out for practice, but is sure to be near the front if he is in condition. The latter will give the leaders plenty of excitement. Pullard is out for the mile again this year, but it is doubtful if he can repeat his performance of last year. Thomas, who is also in this distance, should take a place.

H. E. Schabacker, '16.
T. C. Jewett, '16.
G. P. Allen, '16.
C. W. Hawes, '16.
R. M. Millis, '16.
S. S. Berkowitz, '15.
H. J. M. Heller, '16.
W. B. Rivers, '14.
T. W. Burkhart, '15.
F. C. Foote, '15.
R. L. Thomas, '15.
G. W. Wyman, '16.
H. R. Keyes, '16.

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C. W. Trefethen, '16.
C. W. Hawes, '16.
E. W. Lowers, '16.
H. P. Allen, '16.

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P. A. Chace, '15.
W. B. Gilson, '15.
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FRESHMAN DINNER
ARRANGEMENTS MADE

Excellent Meal, Good Speakers
and an Orchestra Provided
to Entertain.

Those in charge of the Freshman dinner which is to be held on Saturday night in the Union wish to remind the members of the class that tickets are to be sold by men in each section. These tickets are to be called in on Friday and placed on sale at the Cage. Dean Burton, Professor E. F. Miller and Professor H. W. Hayward have been prominent in giving the dinner speeches. The committee promises that there will be an excellent menu and that the speakers will be well worth hearing.

Arrangements have been made for a small orchestra, a novelty which should attract a large number of fol-

ews and make the affair a merry one.

F. A. H. A. HAS FINE SPEAKER.

Rev. Nicholas Van der Pyl of Haverhill Will Talk.

On Thursday at 1:30 o'clock the Rev. Nicholas Van der Pyl of Haverhill, Mass., will speak on "Some Phases of the Present Industrial Problem" at the regular weekly lunch given by the Technology Christian Association.

Mr. Van der Pyl is pastor of the Center Congregational Church of Haverhill, and bears the distinction of being the first speaker who has come from a distance for the ex-

press purpose of addressing Technology men. In view of this fact, he will doubtless be accorded a generous reception and a large audience should reward him for his trouble and pains.

The speaker is especially interested in industrial problems and has been invited to act as a writer on the Lawrence Strike.

Coming to this country as an immi-

grant from Holland, Mr. Van der Pyl has many varied experiences to give him a good knowledge of the condi-
sions among laborers. He is prominent in all work for the better-
ment of labor conditions, and has a large influential church in Haverhill.

In connection with his church work he has served as a member of a commit-
tee on the relation between the Church and Industry.

With the requisite excellence as a

speaker he was appointed by the Fed-
eration of Churches of Greater Boston
as the chairman of the Twentieth Cen-
tury Club for the year 1912-1913, which
was to include a demonstration of his ability, and only the best men are chosen by this organization.

COMMUNICATION.

To the Editor of THE TECH:

Dear Sir:—I hope that you will per-
mit me the use of your columns to thank the students who have so kindly
given their time and thought in filling out the cards which were recently
sent out in behalf of the Catholic Club. Replies have been coming in at the rate of a

small number each day. May I ask those who, with the best of intentions,
have been putting off the matter, whether they will not be good enough to return the card this week? It is important also that those who have filled out the cards be sent to the Secretary, as there are many who are anxious to have the cards turned into cards.

A. T. Robinson.

This Speaker of the Red Sox is to take a few days off soon to show "THE TECH" what he is worth at a few of the End points of the game.

CATHOLIC CLUB PLANS
FOR MONTHLY DINNER

Mr. F. E. Slattery Will Address
Meeting Tomorrow Evening
in Union.

The Catholic Club will hold its
regular monthly meeting and dinner
Wednesday evening, at 6:30. As is
 customary, the club will have its usual
prominent speaker to give the mem-

bers a talk after the dinner. For this
meeting the speakers have secured Mr.
F. E. Slattery, who will speak on
"Socialistic Views."

Mr. Slattery is a prominent and
well known attorney of this city, and
he is well qualified to give an inter-
esting and instructive talk on the sub-
ject he has chosen. The talks which
have been given to the Catholic Club
have always been good and of high
quality, and Mr. Slattery will undoub-
tedly give a talk which will be up to
his usual standard.

After the dinner and talk a business
meeting will be held. The design of
the club pin will be decided upon and
selected. The arrangements will be
made then for the annual banquet
which will be held at some downtown
hotel next month.

WIRELESS LECTURE.
(Continued from Page 1.)

The curves showed usually a "notch" at
sunrise and sunset, and Professor Ken-
ny has worked out a theory to ex-
plain these. It is based on the fact
that the sunlight, by virtue of the
electromagnetic ultra-violent rays which it contains, ionizes the air which is ex-
posed to it and thereby makes it more
absorptive for the electromagnetic
waves.

Now, just before sunrise at Cliffden,
the sun's rays would be passing very
colloriously through the upper air above
that station. This portion would be
quickly ionized and, being a different
material, would act as a reflector for the
waves, and accordingly signals
would be increased at Glace Bay. Shortly afterwards, this surface would come between the two
stations and would act as a barrier,
reducing the noticed weakening of
the signals. Just after sunrise at
Glace Bay the reflector would be be-
hind that station, causing another in-
crease in signals which later, some-
shortly day to the daylight min-
imum. A similar occurrence nack
are at sunrise. This theory seems to
be a very plausible explanation of the
daylight phenomena and the "notches."

In connection with this theory Pro-
n. Seelye Kennedy stated that he be-
lieved that such valuable geological in-
formation could be obtained on the
atmosphere as would be by the geologist and the none too certain
weather man.

An informal discussion, in which
did not feel that he is a good enough wrestler to enter as a com-

petitor he can help the manage-
ment by having a title.

We show some new styles well
eworthy every man's attention.

Prices $5 to $10.50

COES & STODDER
Men's Shoe Shop
10-14 SCHOOL STREET
FACULTY NOTICE.
Third Year, Course XIII.
FORGING for students in Course XIII of the third year will begin on Tuesday, April 8th. The exercise will be held between 2 and 4 o'clock.
WALTER HUMPHREYS, Registrar.

All Goods Required by Students at Maclachlan's.
502 Boylston Street

Drawing Instruments and Materials

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COLLEGE TAILOR

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TO TECH MEN:

If you are considering the purchase of Spring Clothes I urge you to inspect my line which contains the largest and best variety ever shown in Boston.

My prices are lower than ever offered by any other reputable tailor.

Eighteen years of experience making College men's clothes has well taught me the needs, desires and requirements of men who know clothes.

Why don't you become one of the thousands of pleased customers of this college tailor?

L. PINKOS,
Tailor