A regular meeting of the Wireless Society will be held Friday, January 14, 1913, at 9:00 in Room 11, Eng. R., and all members are requested to be present.

The meeting to be held Friday—A Full Attendance Desired.

EXAMINATIONS OMITTED.

On account of the serious illness of Professor Warren K. Lewis, who has been confined to bed for over a month, Professor Currier has been unable to meet his classes. History and Political Economy since December 13, 1912. Because of the fact that the final examinations in both subjects are to be held today, it is hoped that he will be able to make a speedy recovery in order that he may be able to meet his classes next term.
THE TECH

MEETING OF MASONs
IN UNION TONIGHT

Important Business to Come Before Meeting—Dinner to be Served.

This evening, at 6 o'clock, there will be a meeting of the Masons in the Union. A regular dinner will be served. All the men who intend to attend and who are registered to hand in their names to T. H. Haines, Room 10, B. O. E.

It is very desirable that all Masons, both old and new, of the Union make a point of attending, as the home very important business will be transacted. The committee which was appointed to draw up a constitution and by-laws will give its report, and this will undoubtedly impress the Masons. Every man who is connected with the Masonic Lodge in some way is urged to come.

COMMUNICATION

To the Editors of THE TECH:

Dear Sirs:—This week there will be given an excellent opportunity for the universal establishment of the Technology button, suggested by Major Cole, and now worn by many undergraduates and a few Alumni, as part of the mark of Tech graduation, and probably will be only too glad to have this opportunity to obtain something which will forever adhere declare for them their Alma Mater. There will be many men present at this gathering who are justly proud of the fact that they are Tech graduates, and probably will be representative of the whole Alumni. The men at this meeting will be representative of the whole Alumni, and there can be no doubt but what they will accept which the Institute Committee has recommended and the whole Alumni body has accepted as the official Technology insignia. Why not put it to a vote upon this occasion?

In view of what I have just said I think that some member of the Alumni now connected with the Institute should bring this up at the meeting, and I would urge upon the Bursar Hand authorities to stamp this mark, or another to have charge of the sale of these and the orders for them. Now in the interest of the various Alumni Associations to provide themselves with a supply of these buttons, as the Technology Club of New Hampshire did last year.

Hoping you will consider yourself bound by giving us a trial, we are,
Yours very truly,

Tech Union Barber Shop

Located at the Hotel WESTMINSTER

Hand's to the Institute. Up-to-date fashionable hair cutting by skillful barbers. The best hydraulic and most perfectly working hairdressing shop in the Back Bay. Spacial attention given to men's hairdressing. Skillfully and expertly performed. Carefully selected reasons for sale on a guarantee for one year.

Upon your first call you will consider yourself bound by giving us a trial, we are.
Yours very truly,

Tech Union Barber Shop

THE AMERICAN BRASS COMPANY

ANSONIA BRASS & COPPER BRANCH

Ansonia, Connecticut

Manufacturers of

Bare and Insulated Copper Wire and Cable

Drawn Copper Rods, Bars and Strips.

Brass Sheets, Rods, Wire and Tubes.

Sale Manufacturers of

"TOBIN BRONZE"

(Trade Mark Registered)

McMORROW

College Shoes for College Men
238 Washington Street, Boston, Mass.

OPPOSIE YOUNG'S HOTEL

THE Prefect Pipe

Tobacco

O. P. M. is PERFECT BECAUSE it is mild, fragrant, slow burning, free from artificial flavoring, and DOES NOT BITE THE TONGUE.

3 oz. Can, 25 c. 4 oz. Can, 45 c. 8 oz. Can, 82 c. 16 oz. Can, 1.60.

It is absolutely the Finest Mixture produced

Manufactured by COBB, BATES & YERxa CO., Boston.

STONE & WEBSTER

DRAINAGE CORPORATION

THE American Brass Company

ANSONIA BRASS & COPPER BRANCH,

Ansonia, Connecticut

Manufacturers of

Bare and Insulated Copper Wire and Cable

Drawn Copper Rods, Bars and Strips.

Brass Sheets, Rods, Wire and Tubes.

Sale Manufacturers of

"TOBIN BRONZE"

(Trade Mark Registered)

McMORROW

College Shoes for College Men
238 Washington Street, Boston, Mass.

OPPOSIE YOUNG'S HOTEL
I

Copley Lunch

Wadsworth,

Coffee House

:)

RAFTING INSTRUMENTS, PA-

of the total production of the country.

was 253,459,639 tons, or 51.7 per cent.

Ohio fourth, with 38. The total pro-

West Virginia was third, with 59; and

Illinois was second to Pennsylvania in

tons. Thirty anthracite mines pro-

production of these 735 first-class mines

produced more than 200,000 tons;"LARGE COAL MINES.

These are 735 coal mines in the United States which are producing

more than 500,000 short tons of coal each annually. In 1911, according to

a statement by Edward W. Parker, the coal statistician of the United States

Geological Survey, 269 bituminous mines and 108 anthracite mines in

Pennsylvania produced in excess of this amount. The average production

of those Pennsylvania bituminous mines was 231,773 tons, and of the an-

thracite mines 44,957 tons. The largest anthracite mine had a produc-

tion of 1,108,461 long tons (1,147,279 short tons). The largest bituminous

production from one mine (a Pennsyl-

vania operation) was 1,285,483 short

tons. The largest bituminous

production to the main frame, and the

cylinders is large enough to permit of the removal of the cylinder heads

without disturbing the alignment of the working parts. Many other novel

features of construction were also

mentioned or explained.

LARGE COAL MINES.

These are 735 coal mines in the United States which are producing

more than 500,000 short tons of coal each annually. In 1911, according to

a statement by Edward W. Parker, the coal statistician of the United States

Geological Survey, 269 bituminous mines and 108 anthracite mines in

Pennsylvania produced in excess of this amount. The average production

of those Pennsylvania bituminous mines was 231,773 tons, and of the an-

thracite mines 44,957 tons. The largest anthracite mine had a produc-

tion of 1,108,461 long tons (1,147,279 short tons). The largest bituminous

production from one mine (a Pennsyl-

vania operation) was 1,285,483 short

tons. The largest bituminous

production to the main frame, and the

cylinders is large enough to permit of the removal of the cylinder heads

without disturbing the alignment of the working parts. Many other novel

features of construction were also

mentioned or explained.

The remainder of Mr. Rosenzwieg's lecture was taken up with typical in-

stallations of the Lentz engine, which is built in units, developing as much

as 10,000 horse-power. That of the People's Gas and Coke Company of

Chicago is especially noteworthy because of a special control device used

on account of the wide variations in load. In some installations, where the

eight is directly connected to a generator, a motor is used in place of the

usual hand speed controller, so that the various engines in the station

may be synchronized from the switchboard. In a few cases a hand re-

versal has been substituted for the regular governor.

Mr. Rosenzwieg read an extract from "Power" defending the action of the

United States government in changing from turbine to reciprocating

eahne drive on its latest battle-ships as one illustration of the im-

portance of the later type for marine service. The German government, as

well as numerous private European

interests, have adopted the Lentz ma-

rine engine after extensive tests, and at the Brussels Exposition, in 1910,

several such engines were shown. One was quite remarkable in that it

had three low and one high pressure

cylinders all of the same dimensions.

In Europe locomotives have been operated with the Lentz valve gear

and one has run over two hundred

thousand miles without any part hav-

ing to be replaced. A coal saving of

19.2 per cent. and a water saving of

29.3 per cent. was effected on another

locomotive used for industrial work.

The lecture was well attended and

Mr. Rosenzwieg was sincerely thanked by the president of the Mechanical

Engineering Society in behalf of all present for the very enjoyable hour

that it afforded them.

The basketball game between the

1914 Class team and the Cushing

Academy team, which was scheduled

for last night, has been postponed

until Wednesday night.

Do you patronize our advertisers?
THE CHOCOLATES
THAT ARE DIFFERENT
FOR SALE AT THE UNION
SOMETHING NEW CONTINUALLY;

THE BOSTON OPERA HOUSE

MAJESTIC THEATRE
[Night at 8]
Matinee Wed. & Sat. at 1:15
HANKY PANKY

SHUBERT THEATRE
Wed. and Sat. Matinees at 1:15
The Merry Countess

HOTEL CUMBERLAND
NEW YORK
Southwest corner Broadway and Fifty-fourth St.

THE YOUNG MEN'S HATS
FOR EVERY OCCASION
COLLINS & FAIRBANKS COMPANY
383 WASHINGTON STREET - BOSTON

CLASSIFIED ADVERTISEMENTS AND NOTICES

FAMILY Notices. Free.
Advertisements, 6c per line, Individuals, No. per line. 8 words in a line.

INSTITUTE COMMITTEE picture at Newton's, 3 Park Place, Tuesday, January 12, at 11:30 A.M.

FOUND—A sum of money. Please apply at the Bursar's office.

Richard's School of Dancing
Class Night Monday 7.30 Socials 8.30
Private Lessons by appointment

30 Huntington Ave. ::: Boston

We have them all,
B. S. B. COPY, LOWE, DARLING
G. B. ROSE, ETC. All Sizes and shapes at low prices.

SCHRYVER'S SEGAR STORE
44 School St. Boston, Massachusetts

We offer a special discount to Technology men.

BOSTON OPERA HOUSE

MAJESTIC THEATRE
[Night at 8]
Matinee Wed. & Sat. at 1:15
HANKY PANKY

SHUBERT THEATRE
Wed. and Sat. Matinees at 1:15
The Merry Countess

HOTEL CUMBERLAND
NEW YORK
Southwest corner Broadway and Fifty-fourth St.

THE APOLLO
The Original

TECH BARBER SHOP
For Everything Shaved
Copley Square
Herrick, Copley Square
Choice Seats for all Theatres
Phone S. B. 2328

BARBER SHOP
Choice Seats for all Theatres
Phone S. B. 2328

"In Union There is Strength"
Eat at the UNION and be convinced. Prices consistent with what is served.

TECH UNION
42 Trinity Place
All Goods Required by Students at
Maclachlan's
302 Boylston Street

Write Ideas for Moving Picture Plays

YOU CAN WRITE PHOTO PLAYS AND EARN $25. OR MORE WEEKLY

We Will Show You How!

If you have ideas—if you can think—we will show you the secrets of this fascinating new profession. Positively no experience or literary excellence necessary. No "flowery language" is wanted.

The demand for photoplays is practically unlimited. The big film manufacturers are "snatching beaver and eider" in their attempts to get enough good plots to supply the ever increasing demand. They are offering $100, and more, for single scenarios, or written ideas. We have received many letters from the film manufacturers, such as VITAGRAPH, EDISON, ESSANAT, LUBIN, SOLAX, IMP, REX, RELIANCE, CHAMPION, COMET, MERILLES, ETC., urging us to sell photoplays to them. We want more writers and we'll gladly teach you the secrets of success.

We are selling photoplays written by people who "never before wrote a line for publication.

YOU WILL EARN $100 MONTHLY FOR SPARE TIME WORK.

FREE OUR ILLUSTRATED BOOK, "MOVING PICTURE PLAYWRITING"

Don't hesitate. Don't argue. Write now and learn what this new profession may mean for you and your future.

NATIONAL AUTHORS' INSTITUTE
R. 688-1343 Broadway
NEW YORK CITY