

PROF. C. L. NORTON APPOINTED PHYSICS DEPARTMENT HEAD

Was Member of Class of 1893
—Has Done Much Work
in Heat Research

WILL FILL PLACE LEFT
BY PROFESSOR WILSON

Has Been Connected with
Faculty of Technology
Since Graduation

Following the resignation of Professor E. B. Wilson from the Institute Faculty, Professor Charles L. Norton has been appointed head of the Department of Physics.

Professor Norton was a member of the Class of 1893 at Technology and has been connected with the Institute Faculty since his graduation. He was Professor of Industrial Physics for some years and was recently made the Director of the Division of Industrial Cooperation and Research, which organization is charged with the administration of the familiarly known "Technology Plan." He will continue in this capacity in addition to his new duties as head of the Physics Department.

Has Done Heat Research Work

The greater part of his scientific work has been relative to heat, the study of high temperatures, heat insulation, and fire prevention. He was in charge of the Insurance Engineering Experiment station maintained at Boston by a number of large fire insurance companies, and was one of the pioneers in urging the use of Portland Cement Concrete for fire-proofing.



PROFESSOR C. L. NORTON

He holds patents on nearly a hundred inventions, relating, for the most part, to refractories and heat insulators, including asbestos shingles and asbestos wood.

He was associated with the architects in the building of the Conservatory of Music, being consultant on matters of acoustics, and in the building of the Museum of Fine Arts, on problems of illumination. Among the early work of Professor Norton, which is less known than his more recent researches, is a publication on the use of X-rays, he being one of the first to advocate the use of X-rays in connection with medical diagnosis.

Connected With Many Companies

Early in the war he devised a method and built a plant for producing me-

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ELECTIONS TO WALKER COMMITTEE ANNOUNCED

As a result of the recent competition held by the Walker Memorial Committee for 1922, the following board has been elected for next year: Chairman—K. C. Kingsley '23. Junior Members—T. F. Bundy '24, A. M. Gault '24.

Sophomore Members—Austin Cole, Jr., '25, A. M. Flaherty '25, N. L. Mansfield '25.

A meeting of the new board was held in Walker Memorial on Friday, April 21, at which the duties of office were explained and discussed.

NEW CHORAL SOCIETY GIVES FIRST CONCERT

There Will Be Specialty Stunts
and Also Selections by
the Glee Club

The new Choral Society which was organized last fall by the Musical Clubs is going to give its first concert in the main hall of Walker on Thursday, April 27, at 8:15 o'clock. The Glee Club and the Combined Musical Clubs have consented to take part in the program. The Choral Society has been working hard all winter under the direction of Stephen Townsend, who is quite noted as a choral director, and now feels ready to present its program.

The program is to consist of ten numbers, three of which will be rendered by the Choral Society; the Glee Club will give two; and there will be a number of specialty stunts; in conclusion there will be a grand finale composed of Tech songs. In the Choral Society selections, the baritone solos will be sung by G. R. Lunger, and the tenor solos by J. M. De Bell.

This concert will be an opportunity for the student body at large to hear the clubs at a popular price, for the tickets, which go on sale today from 12 to 2 o'clock in the Main Lobby, are to be only 50 cents.

CHINESE STUDENTS OF BOSTON TO ENTERTAIN

Stunts, Music, and a Shaw Comedy are Features of Program
Next Saturday

The Chinese students of Technology, together with the Chinese students of Greater Boston, will give an entertainment in main hall, Walker, on Saturday, April 29, at 8 o'clock. The object of this entertainment is to provide an opportunity for the other students to meet the Chinese students, and to promote sociability and good fellowship.

The program includes stunts, music, and a comedy of Shaw's called, "The Obsolete Six." All the parts are to be played by the Chinese students. Another feature of the program in a pantomime called "Fisherman's Luck," to be given by the Chinese students of Wellesley. It was awarded first prize when they gave it on the Stunt Night of the Intercollegiate Chinese Student's Conference at Princeton in the summer of 1920.

The Chinese Club has also invited members of many of the educational institutions in and near Boston, and many prominent Boston people.

CORPORATION XV DINES TOMORROW

Members Meet in North Hall
for Annual Election
of Officers

DISTRIBUTE DIVIDENDS

Corporation XV will hold its annual stockholders' banquet tomorrow night in Walker. The banquet is the final affair of the present Board of Directors who retire on the election of the new board at the banquet. The annual reports will be read by the retiring officers, and the dividends distributed. The affair is to be held in the north hall of Walker at 6 o'clock tomorrow night. Those who are in charge of the dinner say that any members who are unable to attend the banquet may arrive at 7:30 o'clock and vote in the election of new officers.

The speaker of the evening is to be Dwight P. Farnum, a prominent industrial engineer from New York. He was obtained through the Speakers Bureau of the Society of Industrial Engineers with which the Corporation is affiliated and is reputed an authority on industrial problems. Among the other speakers are Professor D. R. Dewey, Professor W. K. Freeland and I. W. Litchfield '85, as well as several of the professors from the Chemical, Mechanical and Civil Engineering departments.

Banquet Tickets Sell for \$1.79

The price of the banquet was recently decided at a meeting of the directors to be \$1.79 per plate. The banquet is also open to members of

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E. L. BOWLES SPEAKS TO ELECTRICAL SOCIETY

Election Committee Appointed
at "Radio Night" Smoker
in North Hall

The Electrical Engineering Society held its last smoker of the year in the north hall of Walker last Thursday evening. The men were entertained by two speakers, one from the Institute, and the other from the A. I. E. E. A short business meeting preceded the evening's program.

The first speaker, Mr. J. T. Patterson, of the American Institute of Electrical Engineers, told the society some of the advantages of belonging to that organization. The four points which he brought out in connection with the A. I. E. E. were the acquaintances, information, ethics, and employment offered through it. Membership application blanks were given to men applying for them and special student blanks will be mailed to the men who desired the latter.

Tells of Radiophone

The second speaker, Mr. E. L. Bowles of the Electrical Engineering department, gave a talk on the subject of radio communication. He started by explaining that the radiophone had not been suddenly discovered as some people seemed to think, but that it had been developed by a great deal of hard work on a purely scientific basis. He told briefly the fundamentals of the radiophone and discussed the development and action of the vacuum tubes.

A long distance radio set was on hand for the purpose of demonstration and also to provide music for the evening. The results obtained were not as good as expected, due chiefly to the lack of time in which to balance and tune the set, but several broadcasting stations were picked up.

Election Committee Appointed

Refreshments, consisting of apple pie, ice cream and coffee were served, and smokes were distributed.

At the business meeting which preceded the entertainment an election committee was appointed to take charge of the coming elections of next year's officers. The men chosen for this committee are Powell Robinson '23, E. C. Brown '23, W. L. Barclay '23, and E. J. Thimme '22. It is expected that the elections will be completed within two weeks.

P. P. SHARPLES GIVES LECTURE ON CREOSOTE

Preservative Treatment of Wood
Subject of Talk Before
Three Societies

P. P. Sharples gave a talk before a combined meeting of the Civil, Mechanical, and Chemical Engineering Societies last Friday upon the "Preservative Treatment of Wood by the Use of Creosote Oils." Mr. Sharples said that the fear of the practical exhaustion of the lumber supply had turned the attention of the lumber-users to finding some means of preserving exposed woods for as long as possible. Creosote oils were finally brought forward as a solution of the problem.

Importance in Marine Constructions.

The three methods of applying this creosote surfacing are by "brushing," or "dipping," and by pressure submersion. The first is simply painting the surface to be covered with a brush, the second is by dipping the entire object in a tank of the creosote oil, the third is by subjecting to pressure in closed cylinders. Of these ways the last is by far the most effective one—the creosote penetrating all the pores and crevices of the wood, and thus sealing them satisfactorily against the fungi growth, the means of the slow distintegration of the wood.

TECH SHOW BUSINESS MEN WORKING ON BOOKS

With the return of the cast and management of Tech Show 1922, Thursday morning, from Northampton the formal public part of the production came to an end. Since then the business department has been working on the records and accounts, but so much remains to be done on the books that no statement can be issued at present.

MECHANICALS TO VISIT PLANTS AT FALL RIVER

New England Oil Refining Co. and
American Printing Co. to be
Inspected by Society

The Mechanical Engineering Society will go to Fall River tomorrow to inspect the plants of the New England Oil Refining Company and of the American Printing Company. The train leaves the South Station at 8:20 o'clock in the morning; the fare for the round trip is \$3.60. A luncheon will be served at the Technology Club at Fall River.

The New England Oil Refining Company has a number of positions open now for Technology graduates who are interested in this particular type of work.

STUDENT GOVERNMENT COMMITTEE ELECTED

Architectural Society Announce
Annual Spring Exhibition
and Voo Doo

The Student Government Committee at Rogers has been elected for the coming year. The elections were held at a meeting of the entire student body of Course IV in the common room of the Rogers Building. The president was elected by the course as a whole, while each of the classes appointed their representative. E. N. Gelotte '23, was elected president of the committee. The class representatives are: class of 1923, option 1, P. B. Brown '23; option 2, C. V. C. Chamberlain '23; class of 1924, Shepard Vogelgesang '24. The class of 1925 will not elect its representative until next year.

The Architects also announce that they will hold, under the auspices of the Architectural Society, their annual Arts and Crafts, or Spring Exhibition on May 12, and their annual Picnic on May 13. The Spring Exhibition, which is each year the chief function in Rogers, is a display of the humorous and satirical in the architects' imagination. This year the exhibition is to be preceded by an entertainment presented by the Junior Class on the stage in the Common Room, and it will be followed by a dance in the main exhibition hall where the Architects' Orchestra will officiate. Any student in Course IV is eligible to contribute to the Spring Exhibit, and there is no limitation to either the size or to the number of drawings from any one person. In conjunction with the Spring Exhibit, the Architects' number of Voo Doo will appear about the middle of May. This number is to be exclusively the

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Y. M. C. A. OFFICERS MEET AT INSTITUTE

Many Problems Will Be Discussed at the Conference

HELD THIS WEEK END

The annual conference of the officers and representatives of the Christian Associations of all leading colleges in New England will be held at the Institute this week, beginning Friday and lasting through Sunday. This conference was held at Brown University last year, and at that time the Technology representatives presented a formal invitation to the members of the Association, and by its acceptance it was decided to hold their meetings in Boston.

D. R. Linsley '22, chairman of the Entertainment Committee, has completed a program for the delegates which will include addresses by many speakers prominent in this work. The conference will be attended by about 60 men from colleges who are the newly elected officers of their Associations, and the main purpose of this annual gathering is to give these men a broader knowledge of the duties and needs of office. Problems such as campus service, including book exchange and room registry; community service, which embraces club and boy scout work; and all branches of Christian Association service will be discussed in order that the new officers may obtain new ideas and

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TENNIS TEAM BEATS BROWN UNIVERSITY IN OPENING MATCH

Institute Players Win Both
Doubles and Drop One
Single to Jones

ENGINEER COURTMEN
OUTCLASS BRUIN, 5-1

Lyman Tremaine and Louis
Hobbs, New Men, Win
All Their Sets

In the first tournament of the season the varsity tennis was victorious at Providence, Saturday afternoon, beating Brown 5 to 1. Captain J. D. E. Jones scored the lone win for the Bruins. Captain Scott, Lyman Tremaine, and Louis Hobbs each came through in straight sets. The doubles, in which the Institute captain and Carver opposed the rival captain and Bennett, was won by the former pair after going to three sets and Tremaine and Hobbs disposed of Thorndike and Dana by the score of 10-8, 6-1.

Captain Scott had an easy time with Thorndike, vanquishing him 6-1, 6-2. Roger Carver won his first set against the Brown captain, 6-2, after which he weakened and allowed Jones to take the next two and the match 1-6, 4-6. Carver put up a splendid fight but could not last against the terrific onslaught of Jones whose experience proved the winning factor. Jones served to the Engineer's court in the last two sets and had Carver tiring rapidly.

New Men Are Capable Players

Lyman Tremaine's start against Bennett of Brown was rather drawn out as the deuce set indicates. He finally took it 10-8. His next set was easier. When he won it 6-3 the match was his. This was Tremaine's first try on the varsity team as he had to give up tennis last year on account of doctor's orders. Louis Hobbs, another promising player, disposed of Dana 6-2, 6-4. The victories of Tremaine and Hobbs were enhanced when they

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FRESHMAN CLASS HOLDS BANQUET NEXT WEEK

Class Will Get Together for
the First Time Since
Field Day

The Freshman Class are making arrangements to hold a banquet in the main hall of Walker Thursday evening, May 4, at 7:00 o'clock. Although the full plans have not yet been made, those in charge have this much to say:

That a good dinner with plenty of smokes and favors will be furnished. Music by well-known players and talks by interesting speakers will be in order.

The freshman class has not had a get-together since Field Day. The committee is trying to reproduce the spirit of that day in the present occasion. To this end they assure the freshmen of an entertaining evening in which class spirit will be at its height. Announcements concerning signups, prices, etc., will be made later. The committee planning the banquet consists of the following members of the Class of 1925: D. R. Campbell, B. R. Bartlett, A. S. Vandenberg, K. C. Prescott, P. H. Carrier, Woodbury Howard, A. J. Brockelman, R. D. Leonard and R. L. Harriman.

CALENDAR

Tuesday, April 25

6:00—Corporation XV banquet, north hall.
6:30—Class of 1917 banquet, faculty dining room.
7:30—Chemical Engineering Society smoker, main hall.
7:30—Meeting of Chauncy Hall Club, faculty and alumni room.

Wednesday, April 26

5:00—Speakers' Club meeting, Faculty and Alumni room.
8:00—Army Ordnance smoker, north hall.

Thursday, April 27

8:00—Choral Society Concert, main hall.

Saturday, April 29

7:00—M. I. T. Chinese Club meeting, main hall.
8:00—Lutheran Club dance, north hall.
Monday, May 1
6:30—Menorah Society dinner, north hall.