BROADCAST GIVEN BY MUSICAL CLUBS FROM STATION WBZ

O. B. Denison '11 Speaks to Listening Alumni on Activities Here

DENISON SINGS AS WELL

Mandolin and Glee Clubs and Banjo and Ukulele Solos Play

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AERO SOCIETY TO HAVE EXHIBIT AT MILITARY BAZAAR

E. E. DEPARTMENT TO PROCURE LECTUREERS

Society Will Have a Booth at New England Aviation Show Next Week

WILL DISPLAY TROPHIES

Show to Be Held in Mechanics Building, Banquet for Boston Club

At the Military Tournament, Boston, and New England Aviation Show to be held by the Army and Navy Club of Boston in Mechanics Building, according to the schedule, a display of the Society's trophies will be presented.

Mandarin and Glee Clubs and Banjo and Ukulele Solos Play

One of the American Telephone and Telegraph Company scientists who has done much in development work in the field of radio has been connected with the Electrical Engineering Department here at the Institute. His name is W. Schreiner '26, who contributed their services to the Society for many years and has produced results which have been of great value.

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The Institute of Aeronautical Engineers has been invited to participate in the New England Aviation Show, and will have a booth to display some of their latest work. This will be an important event, as the Institute has been very successful in this field.

DIMENSION ANALYSIS SUBJECT OF ADDRESS

Development of Theory Traced By Professor Moore

Professor C. L. E. Moore addressed the Bank Club and the Huntley Club last evening in North Hall at 8 o'clock on the subject of dimension analysis, which is a method of reducing the results of experiments to a formula from which it is possible to predict with great accuracy the results of experiments under different conditions.

BRIDGES: "BOOKS:" "WIRELESS:"

The audience of more than 3000 that attended the lecture at the Lowell Institute were distributed throughout the auditorium, and were seated in the best of shape.

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The TECH
Looking Backward

40 Years Ago This Week
Williams downed the Tech football team last week in a game played during pouring rain. The game was held at New Park, and evidently the poor cheer ing evidenced by undergraduates in the stands was the result of the weather.

As a Gym Dance is usually a musical and dramatic affair, the attendance at the dance was surprisingly small. Men questioning its desirability are said to be for the present in the majority. The dance will be held again this year, if the weather is favorable.

20 Years Ago This Week
Spartan Hall was the scene of the opening of a new and long-awaited feature. The football squad is setting the Von Stade crown to the 1926 class. It was the Tech Class of 24.

A Young Student
Miss Brown, the only one to run in the class office, was elected by a majority of the freshman class by a large majority. She was the only one to be elected that did not have any close competitors.

FREAK COLLEGE CLUBS ARE THE FASHION NOW

In his story of Sherlock Holmes, Sir Arthur Conan Doyle, the creator of that beloved character of olden days, has organized the "Mustache Blowers," which are to be the vogue to the Iowa Wesleyan campus. Only ladies are eligible to enter, and upon initiation must give the name and address of the woman.

One hundred and fifty dates a year, with Rita Landers, a California, have organized the "Mustache Blowers." As the clemency of the club is evidenced by the names of the women, and upon initiation must give the name and address of the woman.

The New Tech Dining Room

The New Park Tea Dancing

Wednesday, Nov. 25, 1925

HEWINS & HOLLIS
Men's
Furnishings Goods
4 Hamilton Place
Boston

HEWINS & HOLLIS
Men's
Furnishings Goods
4 Hamilton Place
Boston

As we Like It

The NEW PARK

Monday night saw the opening of "The Diary of a Young Girl," with Mrs. Margaret Fraser. "The Diary" is a play of St. John's life, the drama of a lifetime spent in the small town of Ellsworth, Maine. This is the story of a young man, Chris Landers, and his pretty young wife, Rita. Rita is not tiring up her marital obligations, but she is the town's favorite, the one who wins the hearts of all of red hair. The only prerequisite to entering the club is if she has a mustache, the "Mustache Blowers" have made their advent on the campus of old.

The New Park Dining Room

LILLIAN'S
The New Tech Dining Room
Announcing
SPECIAL THANKSGIVING DINNER
421 Marlborough St.
Corner Mass. Ave.

Distinctive Dress Clothes
To Rent for All Occasions
Full Dress, Tuxedos and Outfitts, Silk Hats, Shoes, Shirts, etc.

SPECIAL RATES TO TECH MEN
Edward F. P. Burns Co.
125 SUMMER ST., BOSTON

The Colonial Room

The Colonial Room

The Colonial Room

The Colonial Room

Tea Dancing, 3 to 5:30
Dinner Dancing, 6 to 9
No Cover Charge

Elly Louie will direct his Colonial Orchestra personally every afternoon and evening

THE SHEPARD RESTAURANTS
FRIDAY AT WINTER STREETS

TUPPERS' STUDIO
Portraits by Photography
1070A Boylston Street, Boston
Special rates to Tech students
Wednesday, Nov. 25, 1925

ENGINEER SOCCER TEAM ENCOUNTERS WEST POINT TODAY

Lieutenants Ruled Favorites With Ohio and Major N. E. Colleges

BEAVER TEAM IMPROVED

Decisive Victory Over Clark Indicates Engineers Are At Peak

As a climax to a thus far mediocre season, the Engineer soccer team has trekked to West Point where they encounter the highly touted Army eleven this afternoon. There is much at stake in this game for the scientists are quite as much as they have the opportunity not only to redeem themselves for the early season defeats but to declare the season entirely successful by winning today.

The Army team has made a very fine showing this year and are expected to win by two goals at least by the most favorable of pollsters. According to comparative scores across the football circuits, the Engineers do not have a chance in the world to down the Leopards. However, the Engineers received by a score of 15 to 3, according to reports, on the first of the season. Spring Y., the supposed champions of New England with victories over Dartmouth, New Hampshire State, and Worcester Tech, lost the Army team 3-0, in which shows that the West Pointers are by no means invincible.

Have It All These Boys

Scores are not a true barometer, as the men at the foot of the ladder in the statistics of the Engineer soccer team. Thus, the earlier defeats were won with several decisive defeats but the team had not really done under way. They were not playing together, and did not show their real form until the last period of the first informal game with Harvard played on Tufts Field. From this time on the team improved by leaps and bounds and the scoring which was lacking earlier in the season came to the forefront.

(Continued on Page 4)

RICK IS FIRST MAN HOME FOR VARSITY

Finishes in Fourth Place—Rooney Third Tech Man To Cross Line

(Continued from Page 13)

behind, having retired himself with a wonderful score. Frazie with victory the Harvard and dynamic star began their final battle. Coming into the stretch each breathed his addle, in new one, now the other took the lead. Fifty yards from the tape the Crimson wonder shot forward. Licks a flash the wearer of the Orange was after him but it was too late, the Harvard man had crossed the final mark a winner by inches.

Crimson Triumph

Luttenback trained his leader closely. Coming into the third man of the lineup, he was sure to win, too, but the Crimson had to its advantage. The real tussle lay between L. H. & T. The Institute heroes put up a great battle for the honors but they could not show to advantage in such a fast pace.

The score really does not do justice to the Institute team as they were fighting every inch of the way. Mervin Litt was the leader of the Cardinal and gray to cross the finish line. About a hundred yards behind him Alberton also moved. While close behind him came Bill Boxer, Ed Chitty, Smith, Pete Kerth, and Don Hooper then followed in short order.

McClintock a Close Second

With the freshman race came the third big upset of the day when Norm McClintock, a top heavy favorite to win, had to be satisfied with second place for the first time in his career. In a way it was a duplication of the Varsity race, the longer thing was buttressed by a result which was hotly contested at the tape. Benson of Cornell was the man that did it. All the other New England runners was able to go to 20 in the N. E. C. A. M. meet.

Edwards, a negro runner from New York University took the lead in the fresh race and started to go away out in front. He stopped these last 100 yards however at the half mile mark and the field drew up on him. Benson and McClintock caught up with the Harvard boy and in three beats on the tape Edwards was pushed over and the colored boy shot out again but this time he pushed himself too much with the result that he stopped dead in his tracks a half mile from the tape where Mac and the Cornell runner touched him.

Then, as in the Varsity race, came a wonderful battle for first place. Such runners came tearing towards the finish as if they were finishing a "440."
PERMALLOY DEVELOPED IN BELL LABORATORIES

A recent instance of international character arising out of the work of the Bell System Laboratories in which students in the new Communications option of course V-I-A are seen for experience in research has been the cause of much newspaper comment.

The results obtained in the new permalloy covered cable from America upon which the speed of signaling was increased from 240 letters per minute to over 2400 letters per minute has attracted the attention of the scientific world to this new material "permalloy." The British papers claim that permalloy is a British invention and this statement has been the basis of an editorial in a New York paper.

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To a man of fact permalloy was chosen many years ago to ensure work by the engineers of the Bell System Laboratories, and of the permalloy used in the New York wire the factory of the Western Electric Company at Hawthorne, Illinois.

Probably gave the impression that this new material was an English invention is the fact that the cable itself was manufactured in England because of the absence of permalloy cable manufacturing facilities of the United States.

The machinery employed by the English manufacturer of the cable was built by the Western Electric Company. The comments of British manufacturers have been consistent that these wires were entirely under the supervision and control of engineers from the Western Electric Company sent to London for that purpose.

The successful completion of this achievement has attracted attention to the importance of training engineers in modern research and development work. The importance of training engineers in the laboratory of this company is the fact that the cable itself was manufactured in England because of the absence of permalloy cable manufacturing facilities of the United States.

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SUCCESS MUST BE BUILT ON SOMETHING REAL

Chesterfield has earned its present position among the worlds cigarettes on taste alone