

THE TECH DEFEATS T.E.N. 13 TO 0 IN FINAL BATTLE

TWO TOUCHDOWNS IN LAST QUARTER WIN FOR NEWSMEN

T. E. N. Defense Collapses
After Holding Victors For
Three Periods

T. E. N. THREATENS ONCE

After stubbornly resisting the efforts of THE TECH offensive for three periods the T. E. N. defense collapsed early in the fourth quarter and allowed the newsmen to crash through for two touchdowns and victory to the score of 13 to 0 in the Pi Delta Epsilon championship game last Saturday afternoon on Tech field.

The game, played in the icy blast of a strong northerly wind, brought forth a commendable exhibition of fighting spirit as the plucky T. E. N. aggregation, playing practically the entire game in the shadow of their own goalposts, held their line time and again as THE TECH charged for a seemingly easy touchdown and failed to get the ball over by inches.

First Champion

As a result of their victory THE TECH will be the first publication to officially win possession of the Pi Delta Epsilon Cup as champions of the publication league, since the cup was not awarded last year because of a tie.

T. E. N. won the toss and chose to receive. Wehmiller kicked off for THE TECH and the ball, aided by the wind, rolled behind the goal line without being touched by a T. E. N. man, and was brought out to the 20 yard line. T. E. N. could not gain any headway and they kicked on the last down from their own 26 yard line to THE TECH'S 42 yard line. After advancing the ball to the center of the field Ralph Davis kicked to the one yard line, where MacLaughlin a THE TECH man fell on the ball, giving T. E. N. possession of the ball on their own one yard line. T. E. N. plunged as far as the 17 yard line and were forced to kick on a first down. The kick was blocked and another THE TECH man, Bell, fell on the ball on the 9 yard line, regaining the ball for the newsmen, but the fighting T. E. N. delegation, with their backs against the wall again stifled THE TECH'S chance for a touchdown by recovering the ball on their own 1 foot line.

After gaining a few yards by plunging, Kropp of T. E. N. tried to kick but it was blocked by the newsmen and then he fell on it which auto-

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PRESIDENT COMPTON IS Y.M.C.A. SPEAKER

President Karl T. Compton, Percy R. Ziegler '00, Chairman of the T. C. A. Advisory Board, Prof. William P. Ryan, Wallace M. Ross, and Louis S. Morse, Jr., '31, represented the Institute and the T. C. A. at a luncheon last Saturday, which followed the annual meeting of the New England Student Committee at the headquarters of New England Student Y. M. C. A. work, in Boston.

The Rev. Sidney Lovett, a member of the Advisory Board, presided over the luncheon. President Compton made a short address.

Cause of Sleep in Class Revealed by Instructor

"Why students sleep during lectures is a question which has long baffled eminent medical and scholastic authorities. Some have claimed that it is due to soporific lectures. Others credit it to attempts on the part of the students to display a weakminded indifference. Friday the solution to the question was revealed by Capt. Atkinson during a lecture on "Personal Hygiene" delivered to Company A. In his talk he referred to sleep as a natural means of regaining health. Then, spotting one young freshman blissfully unconscious in the arms of Morpheus, he concluded, "There's one getting well already."

Former Research Student Will Discuss Dielectrics



MR. GEORGE M. J. MacKAY

HONORARY SOCIETY GIVES FIRST DANCE

Quadrangle Club Acts as Host To Group of Freshmen

Trying out a means by which the yearly quota of membership could be chosen, the Quadrangle Club, the Sophomore and Freshman Honorary Society, entertained at a dance Saturday night in the North Hall of Walker Memorial. In addition to a large number of freshmen who were guests at the dance, a group of alumni of the club were present during the evening.

Music was well supplied for the affair by six pieces of the Technicians. During the intermission, a supper was served to the chaperones, Mr. and Mrs. Wallace M. Ross, and light refreshments were served to the dancers during the evening.

ARTHUR G. HAYDEN ADDRESSES C. E. S.

Reveals Methods of Handling Rapid Through-Traffic

Arthur G. Hayden, who addressed the M. I. T. student branch of American Society of Civil Engineers, Thursday, revealed many new methods of handling rapid automotive traffic in his talk on "The Parkways of Westchester County." With the aid of lantern slides, Mr. Hayden described and explained the construction of a new type of rigid frame bridge which has been developed to remove grade crossings on through traffic highways. The Commission, asserted the speaker, control not only the highways but also the adjacent land within one hundred yards of the road. Building is prohibited on these areas which have been landscaped so as to add to the beauty of the parkway system. This undertaking, although very satisfactory, has been expensive, declared Mr. Hayden, but the Commission has offset the cost to a considerable extent by operating amusement parks at convenient intervals along the system.

Mr. H. W. Troelsch of the American Bridge Company was announced as the speaker at the next meeting to be held on January 14. It was voted that in the future waiter service would be supplied at all dinners rather than cafeteria service as has been the custom.

GYM TEAM AIDS IN PERFORMANCE AT Y

An exhibition will be given by thirteen members of the Institute gym team at the Cambridge Y. M. C. A. gym, in conjunction with the Y team, tonight at 8:30 o'clock. This exhibition is the largest that has ever been arranged by the Deputations department of the T. C. A., which is headed by Frederick R. Henderson '32.

General Electric Experimenter To Lead Colloquium

Insulation Department Head To Present Discussion On Dielectrics

In charge of the colloquium section of the research laboratory of the General Electric Company, Mr. George M. J. MacKay who will lead the Electrical Engineering Department Colloquium today and tomorrow has attained a position of prominence in the field of dielectrics. The colloquium will be held on Monday and Tuesday from 2 o'clock to 4 o'clock in Room 10-275. In his talk on "Insulation" he will discuss materials, their electrical characteristics such as dielectrical losses and conductivity and examples of application, as in high tension.

Mr. MacKay was born in Pictou, Nova Scotia, on July 29th, 1883. Attaining high honors in Chemistry and Physical Chemistry, he received his degree of B.A. from Dalhousie University in Halifax, Nova Scotia, in 1905.

Taught Chemistry

Returning to Dalhousie University in 1908, Mr. MacKay was an instructor in chemistry for two years. In 1909 he was a chemist with the Sydney Cement Company of Sydney, N. S.; during 1910 he investigated the manufacture of Portland Cement from blast furnace slag for the Colloseus Cement Company of Buffalo, N. Y.

From 1910 until the present time he has been with the General Electric Company in the Research Laboratory. During this time he did experimental work with Langmuir on incandescent lamp phenomena, gas filled lamps, electrical discharge in gases, and rectifiers. In the years 1917-1918 he experimented with and developed submarine detection devices at Nahant, Massachusetts.

Turning to vacuum tubes again in 1918, Mr. MacKay experimented with luminous discharges in gases and vapors. In 1922 he did investigation and experimental work on capacitors, high tension cable, and the characteristics of dielectrics. Since 1928 he has been in charge of the insulation section of the Research Laboratory.

Eveleth Will Talk At Third A.I.E.E. Dinner Meeting

Roast Duck Will Be Served in North Hall of Walker Memorial

"Opportunities for the Engineering Graduate who enters Electrical Manufacturing" will be the subject of the third and last dinner meeting to be given by the Department of Electrical Engineering under the auspices of the Technology Student Branch of the A. I. E. E. The meeting will be Friday, December 19, in Room 10-250 at 5:30 o'clock.

At the last meeting a new order of program was established when the address of the meeting was given before the dinner rather than after. This order of program was so successful that it has been decided to continue it from now on.

The dinner which is to be held immediately after the address in North Hall of Walker Memorial will be Roast Duck. All freshmen and Sophomores who are in the electrical courses or who are interested are cordially invited to attend the meeting. It is desired by the Executive Committee that all those who are planning to attend should get their tickets by calling at Room 4-203 before noon of Thursday, December 18.

WILL GIVE VIEWS ON INTER-ALLIED DEBTS

Mr. S. L. G. Knox will address the Faculty at a luncheon meeting on the subject of the Inter-Allied Debts. The meeting will be held on Tuesday at noon in the Faculty Dining Room of Walker Memorial.

Mr. Knox has long been a student of foreign affairs and during the war was scientific attache to the American Embassy at Rome. He is an engineer, a graduate of Lehigh University, and has led discussions at Williamstown and other places on subjects of a similar nature to this one.

THIRTY-FOUR ENTRIES IN ALL-TECH MAT CARNIVAL

Likeness of Medals to Be Presented Matmen



WINNERS RECEIVE GOLD MEDALS FOR THEIR VICTORIES

Koller, Ripin, Stuart, Winners
In Final Matches—Men
Show Instruction

LARGE GALLERY ATTENDS

Wrestling received its send-off for the 1930-31 season, last week-end, on Thursday, Friday and Saturday, when the All-Tech Tournament was run off in the hangar gym before many interested spectators. Eight classes were included as in the past, the winners in each weight being: 118-pounders, Ripin; 126-pounders, Pearson; 135-pounders, Shea; 145-pounders, Isbister; 155-pounders, Stuart; 165-pounders, Mostafa; 175-pounders, Klein; Heavyweight, Koller. The runners-up in the respective divisions were: McMahon, Rafter, Judd, Ross, McCaughan, Moore, Simpson, and Klein. Each match was continued to a fall, with a time limit of ten minutes.

The trials were held on Thursday, being refereed by Louis Vassalotti, and William Pitblado, and occasionally by the coach, Jay Ricks. Thirty-four men wrestled in the trials, in a total of twenty-three matches, of which a few decided the competitors for the gold medals awarded to the winners. The greater number of the semi-finals were carried over until Friday, when the men would be more rested. Only in the cases which allowed the men to recuperate sufficiently for the second match were two bouts allowed in the same afternoon. By this doubling system, four of the semi-finals were decided on Thursday, and on Friday, one of the championship matches was held between Klein and Simpson, in the 175-pound class, as Klein had to wrestle in the heavyweights on Saturday.

Regular Squad Shows Up Well

Men from the regular squad, who had not yet received letters, were allowed to enter the tournament, and showed up in a way which was a credit to the training of Coach Ricks. Ripin was the feature of the contests in which he participated, downing each opponent in a clean fall. Only when he wrestled out of his weight class was he defeated, and then by a time advantage.

George Koller, a Junior, came out ahead in the heavyweight competition, (Continued on Page Four)

RAILROAD TICKETS ON SALE AT T.C.A.

Representatives of the three railroads running out of Boston, and of a steamship company, will be in the T. C. A. office today from 12:15 to 1:45 o'clock, for the convenience of men who wish to buy railroad or Pullman tickets. The representatives will be there every day at the same time until the 23rd, when the Institute closes for the holidays.

This service was inaugurated last year. It was taken advantage of by so many men that the Cabinet of the T. C. A. decided to continue it this year.

President of Institute Elected to Tau Beta Pi

Election of Dr. Karl Taylor Compton, President of the Institute, to the Massachusetts Beta Chapter of Tau Beta Pi was officially approved by the executive council last week. President Compton will not be able to attend the regular initiation banquet which will be held at the University Club in Boston on Thursday, December 18, and will probably be introduced into the honorary fraternity some time next spring.

The chapter extends a cordial invitation to all alumni of this chapter and alumni of other chapters who may be at Technology at that time, to attend the banquet next Thursday. It is requested that those desiring to attend notify William Spahr, correspondence secretary so that adequate plans may be made for the affair.

INVITE ALUMNI TO ALL-SPORTS NIGHT

Athletic Association Informs Graduates by Letters

Letters have been sent to all of the Alumni in the vicinity of Greater Boston cordially inviting them to be the guests of the Athletic Association at the Annual All Sports night which will be held on the night of December 19 at 7:30 o'clock in Walker Memorial.

As expressed to the Alumni, this custom was established to present to them some of the activities in the field of sport, in which Technology is being given more and more recognition. A number of teams which are being conditioned for the winter sports season have prepared programs for the entertainment.

SOCCER TEAMS WILL BE GIVEN BANQUET

Players Will Receive Letters and Numerals

A banquet will be held by the members of the Varsity and freshmen soccer teams tomorrow night from 6 to 8 o'clock in the Grill of Walker Memorial. At this occasion fifteen Varsity players will receive their letters and sixteen freshmen their numerals. Because of their outstanding playing this fall, two men, Velez and Kashemsanta, will receive straight "T's."

Talks will be given by Dr. Rockell, Coach Welch, and Captain Ryan. During the banquet a captain for next year will be elected. There are many players eligible for this honor, as only three men will be lost by graduation, namely, Captain Ryan, Ayres, and Kashemsanta. The second annual Soccer Banquet promises to be bigger and better than the one a year ago.

WILL COMMEMORATE LIBERATOR'S DEATH

Professor C. H. Haring of Harvard, will be the speaker at the commemoration of the death of the great Simon Bolivar, the South American Liberator, held in the North Hall of Walker Memorial on December 17 at 4:30 o'clock. Latin American students of both Harvard and Technology will be present at the affair.

Although Bolivar concerns especially only four South American countries still all Latin-American students are invited to commemorate his death 132 years ago. The meeting is also open to the whole student body. Professor Haring is Professor of Latin-American History at Harvard. He is a graduate of both Harvard and Oxford and has travelled over the whole of South America.