

TECH NEWS



VOL. XI

WORCESTER, MASS., NOVEMBER 18, 1919

NO. 9

STEVENS GAME SATURDAY NOW

The football management has received word from the Stevens that the game scheduled for Thanksgiving would have to be played on Nov. 22 as the contract originally called for. As the Jersey City Chamber of Commerce was financing the proposed Thanksgiving game and are now afraid of bad weather, the whole plan had to be called off and Tech will journey to Stevens this week instead.

CALENDAR

- Tuesday, Nov. 18—**
Senior and Freshman Soccer practice.
Sceptical Chymists, Rathskeller, at 7:30 P. M.
- Wednesday, Nov. 19—**
Junior and Sophomore Soccer practice.
Interfraternity Basketball.
Delta Tau vs. Phi Gamma Delta.
Lambda Chi Alpha vs. Theta Chi.
Sigma Xi, E. E. Lecture Hall.
- Thursday, Nov. 20—**
Senior and Freshman Soccer practice.
Aftermath Board, Shop Management Room.
- Friday, Nov. 21—**
Junior and Sophomore Soccer practice.
Inerfraternity Basketball:
Lambda Chi Alpha vs. Delta Tau.
Sigma Alpha Epsilon vs. Phi Gamma Delta.
- Saturday, Nov. 22—**
Sophomore - Freshman Football game.
Soccer games (?).
Newman Club, Gym Reception Room
- Sunday, Nov. 23—**
Go to church.
- Monday, Nov. 24—**
TECH NEWS assignments, 5:00 P. M., Room 113, M. E. Building.
Interfraternity Basketball:
Sigma Alpha Epsilon vs. Phi Sigma Kappa.

RIFLE CLUB

Practice is being held in the range in the gymnasium every afternoon from four until five o'clock under the supervision of a range officer. Those wishing to join the club may do so by the payment of two dollars. Report to the range officer at the above time and make payment to him. Fellows who are not out for athletics should avail themselves of this opportunity as a fine training in marksmanship is received. Later on, too, there will be a national meet, into which the ones with the highest average may enter.

TECH WINS HONORS IN INTER-COLLEGIATES

The Tech X-Country team participated in the New England Inter-Collegiate, which was held at Franklin Park, Boston, Saturday morning.

Spectators were able to see considerable of the race from a hill. At the two and four mile marks, Captain Garland held ninth place, and Hoar followed at a short distance.

Each college was allowed to start seven men, the first five of whom to finish scored points. The team scoring the least number of points was declared the winner. The colleges to count in the scoring were in the following order: N. H. State College—1, 2, 6, 10 and 11—30 points.

U. of Maine—8, 12, 14, 15 and 30—79 points.

Williams—4, 5, 13, 19 and 28—79 points.

M. I. T.—3, 21, 22, 21 and 25—95 points.

Worcester Polytechnic Institute—9, 16, 23, 28 and 36—112 points.

Massachusetts Agricultural College—7, 20, 26, 27 and 40—120 points.

U. of Vermont—29, 31, 32, 41 and 45—178 points.

Holy Cross—33, 44, 53, 57 and 58—245 points.

Distance, six miles. Winner's time, 30 minutes 14 2-5 seconds.

Tech men to score were in the following order:

Nine, Garland; 16, Hoar; 23, Trembley; 28, Marston; 36, Conway; White, R.; Gallotte.

CONCERT BY MUSICAL CLUBS

Last Saturday evening at eight o'clock the Musical Association gave a concert and dance. The concert, which was the first one of the year, started promptly at eight with the following program:

1. Golden Scepter Overture Schleeperell Orchestra
2. Smithy Song Coleridge-Taylor Glee Club
3. Reading—Selected John Wenzel, Jr., '23
4. Lady Dainty Odell Mandolin Club
5. The Bitterness of Love Dunn Charles M. Lyman, '21
6. Piano Solo—Selected Frederick W. Bauder, '20 University School Jackson Mandolin Club
8. a—Wake with the Lark Geibel b—Alma Mater Hedlund, '10 Glee Club

The patrons and patronesses were Prof. and Mrs. Howard P. Fairfield and Mrs. Walter L. Jennings.

After the last number by the Glee Club dancing began.

TECH AND R. I. STATE GET THEIR ANTLERS STUCK TOGETHER 6-6

Deadlock Comes When R. I. Slips Away in Sad Finale

W. P. I. HOPES LOOMED LARGE FOR THREE QUARTERS

With regular quarterback Morse back in the game Tech faced R. I. State with a strong heart. A good tight game was played until the last quarter and then a series of fumbles caused Tech's downfall.

The game started with a poor kick off by Tech—caused by much mud around the kicking area. After advancing the ball 9 yards R. I. State punted to Tech's 20 yd. line, Tech punted back and then with a series of rushes and a penalty R. I. State got to Tech's 21 yd. line. On the next play the man was thrown for a 10 yd. loss and R. I. punted to Morse, who ran the ball back some fifteen yards. Tech started up the field, then a five yard penalty seemed to put gloom in the air, but Needham came through with a fifty-five yard run and the quarter ended with the ball on Rhode Island's 8 yards line.

The first play in the second quarter was a successful forward, Needham receiving the ball and taking it over for the first score. Morse's kick fell inches short, hitting the posts and bounding outside. Tech then started up the field but a fumble occurred and Morse was obliged to punt. He made a fine kick to R. I. 15 yard line. Punts were freely exchanged in this period, neither side getting the ball dangerously near its opponent's goal line. The half ended with the ball in Tech's hands—almost in the middle of the field.

In the third quarter both teams showed much skill in line plunging and yard gaining. After the kick Tech advanced the ball twenty-seven yards, and then punted to R. I. State's 15 yard line, from her own 15 yard line. R. I. State battered her way to Tech's 40 yard line but here Russell caught a forward and Tech started up the field. A fumble lost her the ball and R. I. State punted to Tech's 10 yard line. Here Tech started again but again she fumbled and R. I. State had the ball in dangerous territory. Here Dexter hit a forward and spoiled one chance of scoring for R. I. State. With the ball on her 3 yard line Tech backed up. Here the quarter whistle blew.

In the last quarter Tech punted out to her 40 yard line. Dexter caught an-

other forward but a fumble saw the ball in R. I. State's possession again. On a forward and a line rush R. I. State carried the ball over—Johnson making the touchdown. Another very close kick was missed by Hirtle. After the kick off Tech started up the field again but a bad fumble gave R. I. State possession of the ball. Two drop kicks were tried by Johnson, but both went wild—the first Tech cleverly blocked, but the pig skin proved too slippery for Tech hands and ended up under a R. I. State man. The game ended with the ball in Tech's possession on her own 20 yard line.

Morse, Needham, Bushnell and Manning played well for Tech, while Murphy and Johnson played a good game for the opponents.

Tech—6	6—R. I. State
Putnam le	re Tweedell, Murray
Manning lt	rt Hirtle
Bushnell lg	lg Seabury
Canfield c	c Blake
Sargent rg	lg Potter
Sessions rt	lt Eastwood, Brownell
Russell re	le Turner
Morse qb	qb Dunn, Morris
Dexter lhb	rhb Gardner, Farnham
Needham, Duff, White	rhb lhb Johnson
Mason, Pasini fb	fb Murphy
Touchdowns, Needham, Johnson,	
Goals missed, Morse, Hirtle, Referee,	
Johnson, Springfield, Umpire, Greene,	
Harvard, Head linesman, Whalen,	
Springfield. Time, 12 and 15 minute	
periods. Attendance 600.	

SUNSET BASKETBALL LEAGUE

Fraternity	Won	Lost	P. C.
Alpha Tau Omega	3	0	1.000
Phi Sigma Kappa	3	0	1.000
Theta Chi	2	0	1.000
Lambda Chi Alpha	2	2	.500
Sigma Alpha Epsilon	1	2	.333
Phi Gamma Delta	0	3	.000
Delta Tau	0	4	.000

Prof. George F. Swain of Harvard University will address the Worcester branch A. S. M. E. next Tuesday evening at 8:15 o'clock. His subject will be: "A National Department of Public Works." A dinner will precede the lecture.

Has Your Cook Left? Dine at Putnam & Thurston's!

TECH NEWS

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Contributing to This Issue

J. A. Herr, '22 C. B. Allen, '21
A. I. Montague, '22 R. D. Field, '22
E. H. Root, '21 N. T. Heffernan, '22
L. M. Abbe, '22 M. M. Whitney, '22
P. H. White, '22 Frissell, '23

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NOVEMBER 18, 1919

BOOST TECH

EDITORIAL

On the whole, Tech made a splendid showing last Saturday in football. We only tied the game but still the team made improved showing and nearly won. The soccer games between the football halves proved to be of unlooked-for interest.

Meanwhile Tech's cross-country team was doing the honors by splashing through some five miles of mud. Most of our rivals were left far behind in this race. Our team deserves great credit for their performance. Tech always was extremely fleet, and her track teams have caused many a college to lose all but hopes for their next seasons.

Our Musical Association was active Saturday night. Although the attendance was not large—not nearly as large as it should have been—it must still retain appreciative memories of the fine work that the clubs did. Every organization in the clubs did well, from the whole big glee club to the soloist.

It is gratifying to see that Tech is really showing a fine burst of enthusiasm in carrying on the activities so successful in former years.

INTERCLASS SOCCER

The second round of the interclass soccer games was played last Saturday, the Freshmen playing the Sophomores at one o'clock and the Junior-Senior game following this.

The Sophomore team had little difficulty defeating the Freshmen by a score of four to one. The Freshmen scored one in the first half while the Sophs shot two goals in each half. Crooke scored for the Freshmen, and Priestley, Hyde and Chen for the Sophomores, Chen getting two.

The Senior-Junior game produced some more even competition, the final score being 1-0, Hunt scoring on a penalty kick in the second half. The Senior backfield was too much for the Junior forward line, and their goal was seldom in danger.

As the series stands now, the Senior team leads with four points, the Sophomores are second with two, and the Juniors and Freshmen have one each. Next Saturday the final games will be played, Seniors vs. Freshmen and Sophomores vs. Juniors. Nineteen-twenty has little to fear, as a tie game will give them the championship, and there seems little chance that the 1923 team will be able to do better than that.

Soccer has taken a great stride at Tech this year, for with four teams playing there have been forty-four men out each Saturday.

WIRELESS ASSOCIATION

At a meeting of the Wireless Association last Tuesday plans were discussed for the organization of a class in the theory and practice of wireless telegraphy. This class will be open to all members of the association who care to take advantage of this opportunity. Anyone who is desirous of becoming a member should attend the next meeting.

Work on the wireless station is being pushed along rapidly. Several new pieces of apparatus are being constructed which will bring our station up to post-war standards. The new aerial will be supported by two thirty-foot poles to be erected on the roof of the Electrical building.

An interesting subject of discussion at the meeting was a German field radio set which was brought back by Professor Butterfield. The various circuits of the set are being studied in an attempt to get it into working order.

WHO'S WHO AT TECH

President, 1920	Malcolm B. Arthur	P-1564
President, 1921	Robert G. Ferguson	P-2278
President, 1922	Edward H. Colesworthy	P-2278
President, 1923	G. H. Nelson	P-4963
Tech Show Manager	Norman C. Firth	P-2278
Manager Musical Association	Howard E. Drake	P-928
Football Manager	Paul J. Harriman	P-2278
Baseball Manager	Harry W. Tenney	2191-M
Track Manager	Edwin H. Root	P-2278
Basketball Manager	Frederick W. Bauder	P-1050
TECH NEWS—Editorial	Paul J. Harriman	P-2278
TECH NEWS—Business	Herbert E. Brooks	P-1083
1920 Aftermath—Editorial	Paul J. Harriman	P-2278
1920 Aftermath—Business	Herbert E. Brooks	P-1083
President Newman Club	Cornelius A. Callahan	C-1359-W
General Secretary Y. M. C. A.	Willard B. Anthony	P-687

Miss Ruby H. Day

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JUNIOR BANQUET

The Junior Half-Way-Through Banquet will be held on Tuesday evening, Nov. 18, at the Southboro Arms. A special car will conduct the sixty-odd heroes who have come through two years of the struggle more or less successfully, to and from the scene of festivities. Among those to be present are the former class president, Ormsbee, and Prof. Zinn and Mr. Himmer of the faculty.

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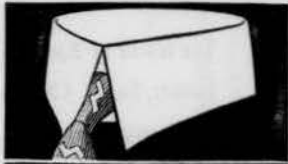
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INTERFRATERNITY BASKET- BALL LEAGUE

Last Wednesday Alpha Tau Omega trimmed Phi Gamma Delta 24-14, thus making their third successive victory. Johnson played a fast game — in fact was the only man who scored for Alpha Tau Omega during the first half. Archibald played his usual hard game for Phi Gamma Delta. Lineup:

A. T. O.—24	14— P. G. D.
Williamson lf	rg Keith
White rf	lg Smith
Johnson c	c Archibald
Hyde lg	rf Coe
Ferguson, Colesworthy rg	lf Sessions

Goals from floor, Johnson 5, Williamson 2, Colesworthy 2, Archibald 2, Coe 2, White 1, Sessions 1. Goals from tree tries, Johnson 4, Archibald 4. Referee, J. B. Shaw. Time, 15 min. halves.

Between the halves of the Alpha Tau Omega and Phi Gamma Delta game, Lambda Chi Alpha won over Sigma Alpha Epsilon 16-10. The game was a close one and somewhat rough on both teams. Whelpley played his usual fast game. Lineup:

L. C. A.—16	10—S. A. E.
Johnson rf	lg Phelan
Whelpley lf	rg Bishop
Lundgren c	c Pearson
Maynard rg	lf Heinritz
Murphy lg	rf Wilson

Floor goals, Whelpley 2, Johnson 2, Heinritz 2, Pearson 1, Lundgren 1, Maynard 1. Goals from free tries, Whelpley 4, Wilson 4, Referee, J. B. Shaw. Time, 15 min. halves. Attendance, 200.

Theta Chi easily won from Delta Tau in the first game played last Friday afternoon. But during the first half of the game, Delta Tau made things look interesting for Theta Chi. The ball came through Theta Chi's defense repeatedly, but owing to Delta Tau's poor basket-shooting ability, the losers failed to score many points. Saunders played a whirlwind game for Theta Chi but Brown seemed to be out of form when it came to shooting baskets.

The Lambda Chi Alpha vs. Phi Gamma Delta game started slow for the first half. Both teams played out of form and many bad passes were made. However, in the second half Whelpley came back strong and scored five floor goals for Lambda Chi Alpha. Lineup:

T. C.—20	9—D. T.
Saunders rf	lg Adams
Brown lf	rg E. Hunt
Nelson, Carpenter c	c Taylor
Desper, Howe rg	lf H. Hunt
Wolcott lg	rf Bassett

Goals from floor, Saunders 6, Brown 4, Bassett 1, H. Hunt 1, Taylor 1. Goals from free tries, Bassett 2, H. Hunt 1. Referee, J. B. Shaw. Time, 15 min. halves.

L. C. A.—22	8—P. G. D.
Johnson, Conroy lf	rg Keith
Whelpley rf	lg Smith
Lundgren c	c Archibald, Hadley
Maynard rg	lf Hadley, Coughlin
Murphy lg	rf Coe

Goals from floor, Whelpley 6, Johnson 2, Lundgren 3, Keith 2. Goals from free tries, Archibald 4, Whelpley 1. Referee, J. B. Shaw. Time, 15 min. halves. Attendance, 200.

PRES. HOLLIS ADDRESSES STU- DENT BRANCH

At a meeting of the Student Branch of the American Society of Mechanical Engineers last Friday Pres. Hollis addressed the members on an exceedingly interesting topic, "The Day's Work."

Pres. Hollis has just returned from a three weeks' trip visiting colleges near the Mississippi valley. During that time he addressed probably more than twenty-five thousand engineering students.

In his address Friday Pres. Hollis told of some of his personal experiences. His start in life, he said, was given to him by a man whom he had never met. This was in 1872 when he lived in Kentucky. He had decided that his career lay in an engineering profession, so he wrote to General St. John, at that time doing engineering work on the Ohio river. Pres. Hollis received a reply which ended with this sentence: "After all, my boy, the choice of a profession is not what counts, but it is the day's work, especially if it is in the service of others."

After nearly half a century from that time Pres. Hollis says that he has found by his experience that General St. John was right, and furthermore that the only lasting happiness is that which comes from the day's work.

Pres. Hollis believes that all the present day troubles originated when James Watt invented the steam engine in 1781. This brought industry from the home into the factory and has finally resulted in the conditions which we have today.

The cause of the present difficulties is that the advance of science has been so rapid that we cannot cope with the enormous problems involved.

Pres. Hollis ended his talk by stating that the future of the country lies with the engineer and his ability to master the problems of science.

CHEMISTRY DEPARTMENT

Professors Jennings and Zinn attended a meeting of chemists held at Dartmouth college, on Saturday, Nov. 15.

W. W. Fuchs of the class of '18 has presented the department with specimens of raw material of Tea Dust, impure crystals of caffeine as a finished product. Mr. Fuchs has been working for the U. S. Ammonium Nitrate Plant, Perryville, Md. He has recently left this concern to accept a position with the Mallinckrodt Chemical Company, St. Louis, Mo. Two of his class-mates, Messrs. Butler and Knowlton, have been employed by this concern since they graduated from the Institute.

DRAMATIC ASSOCIATION

There will be a meeting of the Dramatic Association next Friday, November 21st, in Room 19, Boynton Hall, at 12:00 o'clock. The purpose of the meeting is to take up the matter of selecting a coach and to elect the two members of the faculty who will act as judges of the manuscripts.

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**ALUMNI ORGANIZE FOR CAM-
PAIGN**

At a meeting in New York City on Friday, Nov. 7, the Alumni Endowment Committee effected a formal organization and made plans for the coming campaign. President Ira N. Hollis and Prof. Arthur D. Butterfield attended as the direct representatives of Tech.

Clifton H. Dwinell, '94, vice president of the First National Bank of Boston, was chosen permanent chairman of the committee, with Prof. Butterfield as clerk.

The executive committee, composed entirely of Worcester men, to facilitate transaction of business, is as follows: Paul B. Morgan, '90, chairman; Victor E. Edwards, '83; George I. Rockwood, '88; Aldus C. Higgins, '93; and E. Howard Reed, '02. R. Sanford Riley, '96, was made chairman of a committee to work with New England industries, in connection with the coming campaign.

Besides the men named above there were also present F. W. Parks, '96, Fitchburg; George E. Williamson, '00, Springfield; T. Spencer Miller, '79, New York; W. L. Ames, '82, New York; George E. Denny, '95, Philadelphia; and Henry J. Fuller, '95, New York.

Y. M. C. A. NOTES

Dr. F. N. Seerley, of the Y. M. C. A. International Training College of Springfield, Mass., a noted lecturer on sex hygiene, was here last Friday. He met the Freshmen at their Physical Education Lecture period and gave an instructive talk with many illustrations from his experience overseas and with colleges here. During the afternoon he interviewed personally many fellows. He spoke at 7:30 in the evening in the Y. M. C. A. rooms. His lecture was highly interesting and well worth the time taken up.

Secretary Anthony left Saturday afternoon to represent the Tech Y. M. C. A. at the fortieth annual International Convention of the Y. M. C. A. at Detroit. This convention is to last one week. During his absence various members of the Cabinet will be at the "Y." office as much as possible to carry on the work here and attend to your needs.

SCOPTICAL CHYMISTS

The society was especially favored at its last meeting, held Tuesday evening, November 4, in having papers presented by two members of the faculty. C. B. Hurd of the Chemistry Department gave an abstract of Langmuir's "Theory of the Structure of Atoms and Molecules." Mr. Hurd gave a brief but clear presentation of a long and difficult paper. After refreshments had been served Prof. A. W. Ewell, formerly a major in the air service, gave a most interesting talk on "Aerial Bomb Explosions." Prof. Ewell had some samples of the principal fuses used on Allied aerial bombs. He also told of some of the destruction wrought by Allied air raids on the Rhine cities, much of which has never appeared in the newspapers on this side.

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