

# THE TECH

VOL. XXX. NO. 60

BOSTON, MASS., THURSDAY, DECEMBER 15, 1910

PRICE TWO CENTS

## HARVARD WINS HOCKEY GAME AT THE ARENA

Crimson Victory Due Mainly to Superior Individual Playing of Men.

SCORE: 4 TO 3.

Technology Puts Up Plucky Game and Shows Splendid Team Work.

The Technology seven was defeated last evening in a most closely contested game by the Harvard hockey team. The first period closed with a score of 3 to 1 in favor of the Crimson players, but in the second half the Tech team played such excellent hockey that the game closed with a final score of 4 to 3 in favor of Harvard.

During the early part of the first half Technology played the offensive game and Harvard was kept very busy defending their goal. Within the first three minutes Hurlburt was enabled by good team work to shoot a pretty goal. Then the Harvard team braced up and forced the play down into Tech territory.

Seaman shot a goal for Harvard and was shortly afterward taken out of the game for two minutes for fouling. By some clever playing the puck was again forced toward the Technology goal, and after several of the Crimson players had attempted shots for goal, Duncan succeeded in scoring.

Harvard now removed several of their players and substituted Hornblower, Pratt, and Cuttler, Leslie and Ranney collided near the Tech goal and Ranney was severely shaken up. The first half was not particularly fast. There was much rough playing and the period ended with the puck in the middle of the rink.

At the beginning of the second half Harvard replaced Gardner by Chadwick, Blackhall by Graustein, and inside of the first five minutes of play Gorham was substituted for Leslie.

Both teams played a much faster game during this period. In about two minutes of play Stucklin scored for Tech. The Harvard team were forced to play a defensive game throughout this half. Hornblower and Stucklin each succeeded in again scoring for their respective teams, and the result at the end of the half was 4 to 3 in favor of Harvard.

There was a large number of Tech men present at the game, and the majority of these sat in the cheering section. All through the game their cheers encouraged and spurred our men on to greater efforts. The cheering section did splendid work and are to be congratulated both for their cheering and for the various songs which they sang during the game.

Hurlburt, Stucklin and Vose played a most excellent game for Tech, and Bakewell did splendid work as goal.

Gardner played an excellent game as goal, but the stars of the Harvard team were Hornblower and Graustein.

The next game that Tech plays will be against Dartmouth, on January 2, at the Arena.

The summary:

Technology.	Harvard.
Hurlburt, f. . . . . f. Leslie, Gorham	
Stucklin, f. . . . . f. Duncan, Cuttler	
Gould, Stork, f. f. Childs, Hornblower	
Sloan, f. . . . . f. Seaman, Pratt	
Ranney, c. p	

c. p. Houston, Huntington  
Vose, p. . . . . p. Blackhall, Graustein  
Bakewell, g. . . . . g. Gardner, Chadwick  
Score—Harvard, 4; Technology, 3.  
Goals made by—Hornblower 2, Seaman, Duncan, Stucklin 3.

Referee—Jack Norfolk.

Umpire—Lennerton.

Time—1st period, 20 min.; 2nd period, 15 min.

## Dr. Maclaurin In Annual Report

### Urges Necessity of State Aid.

Questions of New Sight and Cooperation with Harvard and Boston University Discussed. Technology Congress to be Held in April.

Every year, about this time, the President of the Institute submits to the members of the Corporation a report of the conditions of the various departments for the preceding year. As usual, the message this year is replete with interest for every Tech student. The changes in the Corporation and the Faculty, the condition, number and quality of undergraduates, the alumni happenings, the work here, the fiftieth anniversary of the Institute, and the problems to be dealt with in the future are all discussed, and the summation of the principal points is as follows:

#### The Corporation.

During the past year the Corporation has suffered the loss of six of its members. The term for which Messrs. F. K. Copeland, J. P. Gray and F. L. Locke were elected expired in March. The other withdrawals are due to the resignations of Messrs. C. J. Paine and C. F. Choate, and the death of Mr. C. Fairchild. All of these members have rendered valuable service to the Institute. In place of the members whose term has expired, the Corporation has welcomed Messrs. E. C. Cunningham, F. W. Rollins and E. S. Webster. The other vacancies have not yet been filled.

#### The Faculty.

The Faculty has lost the services of Professor J. Bigelow, Jr., and his place has been taken by Professor E. F. Langley. The professorship of Military Science was vacated in October by Captain A. T. Easton, and his place has been filled by the appointment of Captain E. V. Bookmiller. Dr. W. K. Lewis has been appointed to the new professorship in the Department of Industrial Chemistry. Various other promotions were made in the Faculty.

#### The Undergraduates.

The number of undergraduates is increasing in a normal manner, and their distribution maintains the reputation of the Institute as one of the most cosmopolitan institutions in the world. The number of foreigners at the Institute today is one hundred and two, and thirty-six foreign countries are represented. There are also students from practically every State in the Union and its territories.

There are four hundred and five men here from other colleges. Of these men, two hundred and fifteen are college graduates, the remainder having come to the Institute before graduation. No difficulty whatever is experienced in carrying on the instruction of these men along with that of the regular students. The supposition that college men are more broadly trained does not bear examination except in certain cases.

The Athletic Council, the "point system" and the Finance Commission were praised by the President.

#### The Alumni.

During the year important contributions to pure science have been made by the senior members of the alumni body. Much promising work is also being done by the younger men. In the field of applied science Tech men continue to contribute to the development of commerce and industry in about every State in the Union.

This year has brought to an end the contribution by the Alumni of \$206,665, which has been an invaluable support to the Institute.

#### Courses of Instruction.

The changes have been made mainly in the Modern Language Department with the result that more concentration will be put on a single language. A change that has not yet been effected, but which has been thought over, is the establishment of a course or courses to prepare men more definitely for administrative positions in the arts and industries.

#### Research.

It is particularly gratifying to note that the Institute retains the services of men of the front rank in pure science, and that the character of the work done is of a high standard. There has also been a great development in the research laboratories of applied science.

#### The Society of Arts.

This society has just held its six hundred and seventy-first meeting. The scope of its bulletin has been recently enlarged so as to form a periodical with the title, "Science Conspicuous," which is to be published in December, January, February, March and April.

#### Fiftieth Anniversary.

On the 10th of April next it will be fifty years since the charter of the Institute, granted by the Legislature, was signed by Governor Andrew. During these years the Institute has done pioneer work in education, and its methods and ideals have been carried into almost every quarter of the globe. Its alumni have made important contributions to the development of commerce and industry. Owing to these and other facts, the Executive Committee has adopted a suggestion made by the Alumni Council to celebrate this anniversary by holding a Congress of Technology on the 10th and 11th of April next. It is hoped that at this congress men of eminence will be present to set forth some of the broader results of the application of science to industry which it is the main purpose of the Institute to further.

#### Some Problems of the Future.

The urgency of an early solution of the problem of obtaining a new site does not diminish as time goes on, and though the problem has not yet been solved, a solution seems nearer than it did a year ago. Subsidiary to the problem of obtaining a new site is that of disposing of the old one. It seems probable that the Institute's property on Trinity Place can be disposed of advantageously, and steps are now being taken to make possible the removal from Boylston street.

The deficit this year is \$23,598.87, and there is a prospect of it being greater next year, owing to the fact that regular contributions from the Alumni fund have ceased. The contribution of \$25,000 which has been received from the State for the last fifteen years comes to an end next year also. A continuance, and, if possible, an increase of State aid is a question of vital importance.

Somewhat definite schemes for co-operation with Harvard and with

(Continued on page 3)

## CARNEGIE DONATES TO PEACE MOVEMENT

A Scientific Study of Causes of Wars and Their Prevention to Be Made.

### ARBITRAL COURT OF JUSTICE.

Plans Made for International Judicial Body to Decide Controversies.

Mr. Andrew Carnegie, so well known for his widespread charities, has for the past few years been greatly interested in the development of the "Universal Peace" idea. He has already donated more than a million dollars for the erection of the Palace of Peace at the Hague, and now proposes to give eleven millions more to insure a firm footing for the peace movement of the world. His gift is intended to pave the way for a thoroughly scientific investigation and study of the causes of wars and the necessary means to prevent them. One of his plans is to instigate an arbitral court of justice, giving the world an international judicial body capable of judging cases arising in times of peace as well as the controversies incident to war. Favorable replies from several leading nations have already been received by Secretary Knox; even the President declares that there is reason to believe that the establishment in the near future of such a court is more than a possibility.

## STUDY AND PRACTICE OF ARCHITECTURE

Mr. J. R. Coolidge, Jr., Addresses Architects at Smoker in Union Last Night.

At one of the most interesting meetings of the year held by the Architectural Society at the Union last night, the speaker was Mr. J. Randolph Coolidge, Jr. The subject of his lecture was "The Difference Between the Study and Practice of Architecture."

Mr. Randolph urged upon the members of the society the importance of learning how to work fast, to get the utmost that is in one upon paper, and to acquire while in school a knowledge of proportion and a feeling for architectural expression. As to the practice of architecture, he pointed out that there were two kinds of men in one office—the administrator and the designer—each having duties of the highest importance. He described the necessary characteristics of each of these two officers and then spoke in a very interesting way of foreign travel and the advantages gained from such trips.

After the address Mr. Coolidge had an interested group of hearers around him for some time while he told of his experiences abroad.

### CALENDAR.

Thursday.

- 1.30—House Committee Meeting—Cage.
- 4.00—Mandolin Club Practice—Union.
- 4.00—Glee Club Practice—Union.
- 4.00—1913 Cross-Country—Gym.
- 4.00—1914 Cross-Country—Gym.
- 4.15—Varsity Track Team Practice—Gym.
- 4.15—1914 Indoor Track Team—Gym.
- 6.30—Meeting of the Walker Club at Hotel Victoria.

# THE TECH

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THURSDAY, DECEMBER 15, 1910.

The Tech wishes to announce the election of Percy LeRoy Flansburg, 1912, to the Board of Editors, and the election of Alexander Joseph Pastene, 1913; Claude Francis Cairns, 1913; William de Young Katzenberger, 1913, and Karl Cushing McKenney, 1912, to the news staff.

With about two hundred and fifty men at the Arena last night, every man yelling himself hoarse, Tech showed its real spirit. Yells and songs, all were given "with a rouse," and as a result our team felt Technology behind it and played a wonderful game, growing stronger with every cheer. The spirit that had apparently lain dormant for a time is still with us and alive to win with its best efforts the glory and renown of Technology. It was a glorious demonstration last night. The crowd was truly representative of the Institute and entirely drowned our opponents in numbers and enthusiasm. The "M. I. T." gave as much push to our team as it ever did.

Remember the Dartmouth game after Christmas. We'll yell again and with yet better success.

## SWIMMING TEAM MANAGER ELECTED

About thirty men were present at the special meeting of the swimming team squad called at the Brookline gym.

It was found advisable to postpone the election of permanent officers, but H. A. Babcock, 1912, was elected temporary manager of the squad.

Regular practice will be held Tuesdays and Fridays from 4.30 to 6.30, at the Cabot tank, corner of Whittier and Cabot streets. The tank will be available also Wednesdays and Saturdays at the same hours.

Mr. Babcock urged the members of the squad to practice faithfully and to observe training.

## LATEST DEVELOPMENT IN MOVING PICTURES

Kinemacolor Process to Be Demonstrated Before Appalachians.

There will be a meeting of the Appalachian Mountain Club in Huntington Hall on Friday, December 16th, at 8 o'clock, for the demonstration of the Kinemacolor moving pictures in the colors of nature. Mr. C. F. Willard, of the class of 1901, formerly an instructor at the Institute, has written that this exhibition will be of remarkable interest, and the students here will undoubtedly find it so.

The inventors of this process were Charles Urban and George A. Smith of England, their process consisting of reducing the number of ray filters from three to two, these being red and green. The pictures are taken with the ordinary moving picture machine, but twice as fast as with the black and white system. The film used is much more sensitive than those used in ordinary work, a secret agent being employed to make the negative extremely sensitive. The effect of this process is to give a most life-like color to the pictures.

## PROVIDENCE ALUMNI PLAN TECH LUNCHEONS

Invitations Have Been Sent Out Asking Men to Meet On Thursdays.

The following interesting announcement reached The Tech office yesterday. It serves to show some college spirit among Tech alumni:

### EVERY THURSDAY

M. I. T. men will lunch at Brucker's Hotel, 317 Westminster street, at 1 P. M. on each Thursday.

You Lunch on Thursday?

Then why not join us and get waked up?

Lunch served promptly.

Cost, 50 cents, to be paid at the table.

In order that the committee may make their arrangements you are requested to mail the enclosed postal promptly, stating whether you will be present at the first gathering, Thursday, December 15. After the first lunch no notice will be sent—just drop in. The secretary will answer any questions you want to ask in regard to the matter. Telephone number, Union 1820.

TECHNOLOGY CLUB OF R. I.  
 William C. Dart, Secretary.  
 Providence, R. I., December 9, 1910.

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**SUCCESS OF WINTER  
CONCERT ASSURED**

**Many Tickets Already Sold—  
Time for Dancing May Be  
Extended.**

Unless something most unexpected happens between now and Friday evening the winter concert will be a great success. The number of seats already sold makes it certain that there will be a large attendance, and that must of itself encourage the players to put forth their best efforts. That the result, if they do this, will be laudable, and in every way worthy to represent the Institute, no one who has heard any of their rehearsals can for a moment question.

Those who are going to attend will do well to be on time. The concert will be entirely too good for anyone holding a seat to afford to miss any of it. It is due to begin at eight sharp, and assurance has been given by those interested that it will start exactly on the stroke of the hour. There have been typographical errors made on some of the reserved seat tickets, putting the time of starting at eight-thirty, but the correct time is eight o'clock.

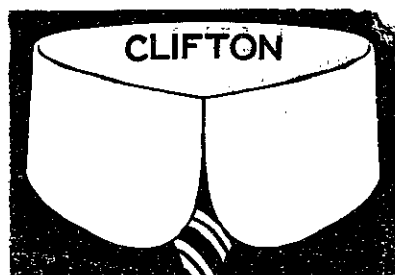
If the plans of those in charge of the affair work out as is expected and hoped, the dance which will follow the music will be continued beyond the time now set for closing. As things now stand, the dance will be over by twelve o'clock, but it is intended, if possible, to continue it beyond that time.

**PRESIDENT'S REPORT.**

(Continued from Page 1.)

Boston University have been suggested during the year, and some of the suggestions received the earnest attention of the Executive Committee. No large schemes of co-operation can be carried through with any hope of permanence while the question of the future site of the Institute remains unsettled. However, there has been considerable co-operation with the different educational institutions in the past, and the degree of this co-operation is on the increase. A number of the assistants and instructors at the Institute are engaged in teaching at the Y. M. C. A., the Franklin Union, the Wells Memorial Institute and the People's Institute. On a higher plane comes the work of assistants, instructors and some of the professors in the Lowell School for Industrial Foremen. In the University Extension scheme which has been recently adopted, the Institute contributes not only lecture rooms and laboratories for the use of a number of the professors, but gives the services of its Faculty and some of their assistants. Some of the men interested are Professors Derr, Smith, Wickenden and Sumner. Other Institute men who lecture at other colleges are Dr. Stiles and Professors Sedgwick, Prescott, Despradelle, F. J. Moore, Dewey, E. B. Wilson, G. N. Lewis and Shimer.

[EDITOR'S NOTE.—The editor admits that he has committed plagiarism many times in the above digest. For the doing of this he begs the forgiveness of President Maclaurin.]



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Catalog 45 mailed upon request.

**FACULTY NOTICE.**

Problem books in Physics Heat are returned and may be obtained in the basement of Walker Building.

**1914 NOTICE.**

The 1914 officers' picture for Technique will be taken at Notman's studio, Friday, December 16th, at 1.10 P. M. sharp. Officers will please be on hand promptly.

T. K. KRUEGER,  
President.  
(59-60)

**NOTICE.**

Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

**NOTICE.**

Gentlemen, I call to your attention that I will pay more for your cast-off clothing than any one in my line of business. A trial will convince you. Send postal to Max Keezer, 3 Bow street, or telephone Cambridge, Mass., 302. (tf)

**ATTENTION, 1914!**

All candidates for the class basketball team report at Gym on Monday, Wednesday and Friday, at 5 P. M., commencing with December 12th. A good schedule is being prepared, and every man who knows the game at all is urged to come out.

H. R. RUSSELL, Manager.

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**NOTICE.**

The following articles of clothing have been left in my office and are still unclaimed:

One black overcoat, left in Lowell Building, November 16th (apparently the property of a Freshman from San Francisco).

One light coat, left at the Cage September 30th.

Two caps, left in Lowell Building November 16th.

One raincoat, left in the Rogers Building.

One pair of spectacles.

I shall be glad to have the owners call at my office and identify their property.

Yours very truly,  
MAURICE R. SCHARFF,  
President's Assistant.

December 7, 1910.

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**LA HABANERA**

In French, by Laparra

Followed by CAVALLERIA RUSTICANA

Thursday, Dec. 15, at 8

**LA BOHEME**

Saturday Dec. 17, at 2

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