

THE TECH

VOL. XXXII. NO. 62

BOSTON, MASS., THURSDAY, DECEMBER 19, 1912

PRICE TWO CENTS



"WAS IST LOS?"

Only a few short hours are left before the doors of Huntington Hall will be thrown open to the eager crowds waiting without. The tickets are going fast, and if sales continue as heretofore they will be at a premium. The United States mint has announced a shortage of fifty-cent pieces, but has promised a shipment that will arrive today and take care of the immediate needs. Don't let this shortage worry anyone, however, for the men selling the tickets can change anything up to ten dollars.

Arrangements are all planned to handle the immense crowds. The hall is divided in sections, one for the fussers and one for the stags. You need not worry about getting into the wrong section as there will be an army of ushers to look after you.

A very elaborate program has been planned. Burlesques and vaudeville are billed that will rival anything ever staged at Keith's theatre. There will be fascinating Chinese stunts as only the Chinese themselves can give them. The cafe scene in San Francisco promises to be a stupendous production with elaborate stage settings. Many card tricks that even the math professors cannot solve will be demonstrated and exposed. This is only a brief summary of all that will happen tonight.

It is to be remembered that those that wish to go and haven't already bought their tickets will have to hurry. All the receipts go to athletics, and the prospects are that a handsome sum will be given to them.

PRACTICAL KNOWLEDGE.

President Speaks of Need of Direct Contact With Life.

President Maclaurin, in his address before the Merchants' Club last Tuesday night, stated that the Institute aims especially to bring its students in direct touch with the actual conditions of life. Speaking particularly of the chemical department, which is one very closely related to business life today, he said: "There would seem to be no limit to the demands we are receiving from all parts of the world for chemical engineers." The President also noted that there are students and recent graduates who are carrying on researches for all kinds of corporations, not only in chemical, but also in electrical and sanitary engineering. The fact that the Institute can furnish facilities for this kind of work is one of its most effective educational factors.

Major Cole's class in Knot Tying has become so large that Huntington Hall has to be used for the recitations.

HARVARD OUTPLAYS TECH HOCKEY TEAM

Lack of Team Work Handicaps Institute Seven in Match With Harvard Team.

Harvard played rings around the Tech team last night at the Arena and won by a score of four to 0. The Crimson skaters outplayed the Institute men most every time, and only flashes of individual work saved the Tech team from a bigger score. The Harvard line played together, Sortwell, Phillips and Smart going down the ice time and time again for shot at the Tech goal.

Ranney was the big star of the Tech seven. Some of the stops he had to make were about as hard as it was possible to make them, and several times he was the only man between the puck and the goal. Hurlbutt also played a fast game, but when he got the rubber he was surrounded by Crimson players, who mixed in and spoiled the shot. Foote and Stucklen showed some flashes of speed, and Eichorn did effective work by mixing up with the forwards in front of the cage.

The game was more of an old fashion "shiny" match than a hockey game. Sticks were smashed galore, but nobody was put off the ice. About the only redeeming features of the contest was the offense work of Sortwell of Harvard, and the defense of the Harvard team. The Tech men didn't get more than half a dozen good shots during the whole game, owing to a lack of team work.

The Crimson seven got the jump at the whistle, and rushed the disk towards the Institute goal. Before two minutes of play, Sortwell took a pass from Hopkins, and shot the puck past Ranney for the first score. At the end of four minutes he again took the rubber down the ice alone and scored the second tally for Harvard. Phillips scored the third goal from a scrimmage in front of the cage after five minutes of play.

(Continued on Page 3, Col. 1.)

PRESIDENT MACLAURIN.

He Will Speak Today in Union—Subject a Surprise.

At 1.30 o'clock today, in the Union, President Maclaurin will address the students assembled under the auspices of the T. C. A. In his annual talks in the Union he has spoken on subjects that have proved of interest to the men, for his knowledge of Technology conditions is greater than that of perhaps any other man connected with the Institute.

The men, especially the new ones, should turn out to hear the President, for it is their only chance to hear him at close range outside of the Convocations. As is his custom every year, he has not announced the subject of his talk, and it may be something of a surprise, that one might feel sorry to miss.

SENIOR CLASS PIPES.

The Senior class pipes are now finished and can be obtained from a representative of the Senior Class Pipe Committee on the payment of the deposit. Representatives of the committee will be in the Union on Thursday and Friday, December 19 and 20, from 1 to 2 o'clock.

HISTORY OF MINING ENGINEERING SOCIETY

Organization Is Fourteen Years Old—Membership More Than Fifty.

This is the third of a series of articles that will be published from time to time in THE TECH on the Professional Societies of the Institute. Sketches of the Civil and Mechanical Engineering Societies have already been given in recent issues and following this sketch of the Mining Engineering Society will be one on the Architectural Society.

The Mining Society at present has a membership of fifty-five men. Its officers are as follows: Honorary President, Professor Robert H. Richards, head of the Mining Course; President, Lionel H. Lehmaier, '13;



L. H. LEHMAIER.

Vice-President and Treasurer, H. M. Lawrence, '13, and Secretary, R. E. Wells, '14. The Executive Committee consists of W. L. Whitehead, '13, and B. C. Cromwell, '13.

The society's president, L. H. Lehmaier, was secretary of the organization last year. He was formerly editor-in-chief of THE TECH, and this year he is president of the Cosmopolitan Club. H. M. Lawrence, the treasurer, has been an active member of the society for three years. R. E. Wells, the secretary, was a member of last year's rifle team, and was also an officer of the Cadet Corps.

W. L. Whitehead, '13, one of the members of the Executive Committee, has been connected with the Tech Show in recent years, and this year has been a successful writer of lyrics for the next Show. B. C. Cromwell, the other member on the committee, pulled on the tug-of-war team that represented his class. This year he coached the Sophomore tug-of-war team to their victory on Field Day.

This year the Mining Society has already held three meetings, at which interesting speakers addressed the men, and a schedule of six meetings (Continued on Page 3, Col. 2.)

FOOTBALL SWEATERS.

The Freshman football sweaters will be delivered to the Freshmen who earned them at the Union, Friday, from 8.30 to 10 o'clock.

DINNER GIVEN TO MEN WORKING ON THE TECH

Members of Managing Board Address the Men on Vital Subjects.

Last evening, at 6.15, in the upper dining room of the Union, the first dinner of the year was given by THE TECH to the candidates for the news and business staff of the paper. A. T. Gibson, general manager of THE TECH, acted as toastmaster. Alden H. Waitt, managing editor, called the roll, and there were thirty-three men present. Each man then rose and told his name, home, and the department he was working for. One-half of the men working on the paper live at home, and about one-third of the men are from the West. Corn-cob pipes, with THE TECH printed on the face of the bowl, tobacco and Fatima cigarettes were distributed to all present.

Waitt then outlined the work on the news department. He said that THE TECH is the one thing that keeps the student body together, and men who work on THE TECH are doing the Institute the greatest amount of good.

Gibson then spoke about the Advisory Council of THE TECH. It is the duty of this Council to keep a line on the men who work on THE TECH, and no man can be elected to the paper without its sanction. Gibson further stated that a man with a very poor standing in his studies can not be elected, as the paper wants men who are likely to remain at the Institute, and not those who drop out just when the paper needs them most. He then announced the latest elections to the news staff. These names go before the Institute Committee next Friday for ratification. They are as follows: E. A. Weaver, '14; G. W. Wyman, '16; D. N. Test, '16; R. E. DeMerritt, '16; E. H. Townsend, '16.

H. D. Peck, of the Advisory Council of THE TECH, then spoke at length, emphasizing what Gibson had said regarding the necessity of good scholarship standing before election to the paper. He also stated that the Advisory Council expected to make THE TECH the greatest student activity, and that they hoped to use the "elimination process," which was started by the Tech Show some years ago, as a means to this end. Mr. Peck also gave examples of the interest of the Faculty in THE TECH.

Bertram E. Adams, business manager of THE TECH, was the next speaker. He explained to the new men that the paper could not be run on good will, but that real live cash must be forthcoming. This money comes chiefly from advertisements, and as the success of THE TECH depends on the sufficiency of advertisements, he asked that all men, whether they be connected with the business department or not, bring in (Continued on Page 2.)

CALENDAR.

- Friday, December 20, 1912.
- 4.00—Senior Portfolio Nominations Due at Cage.
- 8.00—Mechanical Engineering Society Meeting—39 Boylston street.
- 6.30—Chemical Society Dinner—Union.
- 8.00—Chemical Society Meeting—6 Lowell.
- No issues of THE TECH Christmas Week.

THE TECH

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THURSDAY, DECEMBER 19, 1912

"WAS IST LOS?"

At last December 19 has arrived and we are all going to have a chance to solve that mysterious riddle which has been tormenting our minds and disturbing our peaceful composure for many days. We are going to see "Was ist los?" But far more than that, we are going to aid all the athletic activities of the Institute. We are to help make financially possible the athletic teams that are placing the beloved name of Technology in the foremost ranks.

How are we going to do this? We are coming to Huntington Hall tonight and are going to bring all our friends there to witness a wonderful display of Institute talent, and an entertainment which will long be remembered. Let us make it possible for the management to net a handsome profit for the worthy cause in whose name it is given.

The Christmas holidays are here; let us show some true Christmas spirit as well as Technology spirit, and do one more good thing for the Institute before we go home for a short but delightful vacation. Remember, tonight is the night of nights. Everybody out to "WAS IST LOS?"

THE MASQUE MEETS.

An informal meeting of the Masque was held last evening in the Union for the purpose of considering the election of new members to take the place of those who graduated or did not return to the Institute this fall. There are five vacancies in the active membership, which is limited to thirteen, owing to the retirement of R. N. Doble, K. W. Faunce, J. Isaacs, E. C. Vose, H. W. Woehling and W. J. Seligman.

A number of eligible men were considered, but no definite action was taken, owing to the absence of one member. This was the second meeting this year, and a third will be held early in January, when the initiations will take place. Those present were: J. M. Hastings, Jr., F. H. Smyth, W. J. Seligman, R. N. Doble, J. R. Thayer, C. P. Fiske, J. S. Selfridge and W. F. Keith.

The mayor of Philadelphia has called upon a Tech graduate, Hollis Geodfrey, Ph.B., '98, of Boston, to reorganize the municipal gas bureau. Mr. Geodfrey will not occupy the position permanently as he has been called in only to reorganize the demoralized system now existing there.

CHEMICAL SOCIETY MEETS TOMORROW

Dinner and Meeting to Be Held Jointly With the American Chemical Society.

Tomorrow night the Chemical Society is going to have a meeting that will probably not be duplicated for a long time. The Northeastern Branch of the American Chemical Society has arranged to hold its annual meeting as a joint dinner and meeting with the M. I. T. Society. Invitations have been sent to the members of the society, and it is expected that there will be a large representation at the meeting, even though only a few dozen men will be able to attend the dinner. The talk, which will be on the "Development of the Cottrell Electric Precipitation Processes," will be given by Mr. Linn Bradley, engineer of the Research Corporation of New York. Mr. Bradley will illustrate his talk with slides and experimental demonstrations.

Professor Walker, at the first meeting of the Chemical Society, hinted at the seemingly wonderful things that are accomplished by this precipitation process. That the society has been given the privilege of hearing such a talk is due in large part to the generous aid of the professors of the Chemistry Department.

COMMUNICATION.

We desire to call to the attention of all members of the Senior Class the notice which has appeared in the notice column of this paper since last Friday, and is now on the bulletin boards, regarding the nominations for the Senior Portfolio Committee. This matter is one of considerable importance and should not be neglected. The very nature of the Portfolio is such that the committee in charge of its publication should be as representative as possible. For this reason each course should be represented in the nominations. The committee is made up of five men, who select the official photographer and oversee in a general way the collection of photographs, statistics, etc. The matter is a personal one with all, as the book is the keystone of our Institute life, one which we will always enjoy and take pleasure in showing to our friends.

Therefore, don't overlook this matter or take it lightly. Take time to consider your nominations, with the object of making the Senior Portfolio truly representative of Tech, 1913, that is, the best yet.

Nominations due at the Cage Friday, December 20, at 4 P. M.

Yours,

THE ELECTORAL COMMITTEE.

THE TECH DINNER.

(Continued from Page 1, Col. 4.)

all the advertisements they can. He closed with a little lecture on economy.

L. H. Lehmaier was the last speaker of the evening. As last year's editor-in-chief of THE TECH he is in a position to know all of its inside workings. He congratulated the paper in having such a splendid lot of new men who are taking interest in THE TECH. He said that the standard on which the paper is now being run is better than that on which it has been run for many years, and that this is largely caused by the fact that so many more under-classesmen are now taking interest in the paper. There is room for many more, however, and twenty or thirty more could be easily used.

President Maclaurin has estimated that dormitories for the accommodation of at least a thousand students will have to be erected on the new site.

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RIFLE TEAM MATCH.

Freshmen Have Close Contest With Harvard 1916 Team.

Tuesday afternoon the Tech Freshman rifle team shot a close match with the Harvard Freshman team. Each of the five men of both teams shot 20 shots off-hand at a half-inch bull's-eye at a 50 foot range. William Chandler of Tech won first honors easily with the excellent score of 191 out of a possible 200. His showing puts him on the Varsity team.

The first Intercollegiate match comes off the first week in January. The following men will represent Technology: Captain Stewart, Casselman, Haslam, Chandler, Porter, Dunn, Gere, Mitchell, Sneider and Simmons. Possible alternatives will be Bickford, Binger and Rudolf.

The score of the Freshman match is as follows:

	Tech, '16.	
Binger	164	
Simmons	159	
Sneider	166	
Chandler	191	
Porter	162	
Total	842	
	Harvard, '16.	
Baldwin	162	
Patterson	167	
Warner	173	
Allen	181	
Clark	178	
Total	861	

HOCKEY GAME.

(Continued from Page 1, Col. 2.)

Two seconds after the second half had started Smart, who took Morgan's place at right wing, snapped at the puck in front of the net and scored the last point. The Tech team then took a brace, and held Harvard to the middle of the ice, but was unable to get through the Crimson defense. Harvard played several subs in the second period.

A good sized cheering section turned out and gave a few cheers, but as there was not much chance for enthusiasm on the Tech side, they did not yell themselves hoarse. Not even a semblance of a Harvard cheer was heard.

The lineup was as follows:

Harvard.	Tech.
Morgan, Smart, Devereaux, r. w.,	l. w., McLeod, Storke
Phillips, Palmer, Gorham, r. c.,	l. c., Foote
Sortwell, Clarke, l. c. . . r. c.,	Hurlbutt
Hopkins, Baldwin, l. w.,	r. w., Fletcher
Claffin, Godell, c. p. . . c. p.,	Stucklen
Brown, Graustein, Willets, p.,	p., Eichorn
Carnochan, g. g.,	Ranney
Goals by: Sortwell, 2; Phillips,	Smart. Time: Two fifteen-minute
halves. Referee, Hicks. Assistant	Referee, Telford. Goal Umpires,
Doddy and Carlton. Timers. Osthuus	and Clarkson.

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Yours very truly,

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POPULARITY OF GENERAL STUDIES

International Law Comes First, Current Problems Is Second, German Third.

There is always a certain amount of uncertainty and indecision among the second-year men when the time comes for filing their choice for the third-year general studies. These subjects are, from their very nature, those with which men who are taking a technical course are less likely to be acquainted. For the purpose of giving second-year men a little information regarding the attendance in these subjects at the present time, THE TECH has secured the following figures which show the choices of the present third-year men:

International Law has the greatest number of students of any of the general studies; in all, one hundred and one men are taking this course. Current Public Problems follows a close second, with a total of seventy-two men. German VII, History of Science, Economic History and French IV come next with thirty-two, twenty-two and twenty-one, respectively. Two German subjects, German II and German VI, follow them with fifteen each. English Literature of the 18th Century has thirteen, and Public Speaking twelve students. French IIIb and English Bible have each six students, while French IIIa has but three.

MINING SOCIETY.

(Continued from Page 1, Col. 3.)

has been arranged. The history of the Mining Engineering Society dates back to the year 1897. At that time there was considerable thought about organizing a society of the men taking Course III. Consequently, in the fall of the year, a committee of three was appointed by the three upper classes, '98, '99 and '00, to discuss the possibility of the formation of a club and to draw up a constitution. The committee found conditions most favorable, and the constitution which it formulated was finally ratified. The officers elected for the new society were the men who had composed the committee and were as follows: President, Arthur L. Hamilton, '00, at present a mining engineer at Fairbanks, Alaska; Vice-President and Treasurer, Stanley Motch, of the Motch & Merryweather Machinery Co., Cleveland, Ohio; secretary, Edward E. Bugbee, at present professor of mining and metallurgy in the Institute. Professor Robert H. Richards was unanimously elected to the office of Honorary President. The Executive Committee consisted of five men: A. L. Hamilton, S. Motch, E. E. bugbee, D. Farnum and W. Dorey.

The objects of the society, as set forth in its constitution, are: "To awaken and maintain an active interest in the study of mining engineering among its members, and to aid generally in their intellectual advancement and improvement."

In spite of the fact that at this time the society was an entirely new venture, it appeared from the very start that its objects were being attained and that success was practically assured the new project. It was soon found also that the long felt want of a social organization had been met. The miners in the Institute were also put in closer touch with one another and also with professional men engaged in actual mining industries. The society has held over a hundred meetings since its founding, and a large number of men prominent in the mining industry have spoken before its members. About eight or nine meetings are held each year.

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LAST month a suit case, with initials E. W. M., was taken from the lower Tech office. Will the present possessor please return to the Cage or notify E. W. Mann.

FACULTY NOTICE.

The English Department has decided to establish next term a special section in First Year English (140) for men who are engaged in work on THE TECH. The section will be limited to twenty, and no student will be admitted who has received a mark below P in the first term. Fifteen out of the thirty hours will be allowed for work on the paper, and all articles published will, after publication, be gone over by the instructor for criticism. The amount of written work actually done must not be less than thirty-five hundred words, to be made up of copy printed by THE TECH or of special articles submitted to the instructor. The department reserves the right to refuse to count anything which in workmanship or in taste falls below a reasonable standard. Those who wish to join this section should notify the department before the close of the present year.

ARLO BATES.

FACULTY NOTICE.

Fourth Year Hydraulics—Course II.

Sections 1, 4 and 5 will recite in Room 20, Engineering B, on Tuesdays, Thursdays and Saturdays, from 9 to 10 A. M.

Sections 2 and 3 will recite in Room 49, Engineering A, on Tuesdays and Thursdays, and in Room 21, Lowell, on Saturdays, at the same hour.

All sections should prepare articles 6 to 12 inclusive of Russell's Hydraulics.

WALTER HUMPHREYS,
Registrar.

LOST—A slide rule, plainly marked E. W. Mann, in Union. Will finder please return to the Cage?

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FACULTY NOTICE.

The exercises of the Institute will be suspended during Christmas week, December 23rd to 28th, inclusive.

A. L. MERRILL,
Secretary.

SENIOR Portfolio Nominations will be due at the Cage before 4 P. M. Friday, December 20.

SENIOR CLASS PIPES can be had in the Union today and tomorrow, from 1 to 2 o'clock.

FACULTY NOTICE.

Third-year problems in Physics Heat are returned now in the basement of Walker Building.

(Signed) PROFESSOR NORTON.

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SAT., 8 to 11. LA TRAVITA. Scotney, Ramella, Blanchart. Cond., Moranzoni. Popular prices, 50c to \$2.50.

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