

THE TECH

VOL. XXXIII. NO. 8

BOSTON, MASS., THURSDAY, APRIL 10, 1913

PRICE TWO CENTS

FINAL MEETING OF CATHOLIC CLUB

Talk On Social Views Proves An Interesting Subject To All Institute Catholics.

Last evening the Catholic Club was fortunate in having as their guests of honor Mr. F. E. Slattery and Father Scanlon, the Spiritual Adviser of the club. Mr. Slattery spoke on "Social Views," and his talk was of great interest to all the men present. A most excellent dinner was served, and during the repast several designs of emblems were passed around the room. When the dinner had been finished, Walsh, the president of the club, introduced the speaker, who is a well known Boston man.

Mr. Slattery said that since the object of Technology is to produce industrial engineers, the subject of his talk was closely allied with the work which they intend to take up in later life. Socialism, said Mr. Slattery, is the state of unrest between Capital and Labor. Socialism has grown from a few pet theories to a real thing in the last 60 years, and its force is felt in every part of the civilized world and in every community today. The great growth has been attained simply because the real depth of socialism is not comprehended by the common people. It is discussed similarly to the tariff, that is, whatever ills the people suffer are merely due to the unavoidable occurrences of life, but the good that is done is all a result of the great work of the socialist. However, when the socialists are showed up they immediately retreat. They are constantly changing their ideas, and therefore socialism is a difficult subject to combat. Nevertheless, once that the world realizes what socialism really means it will combat its principles, and will defeat its own purpose. Its advocates, said the speaker, will disappear like the Boston fog before the east wind.

Socialism must be interpreted by
(Continued to Page 3, Col. 1.)

ECONOMICS CLUB.

Name Adopted and Policy Outlined at Meeting Yesterday.

The meeting of students interested in Socialism, held yesterday in 8 Eng. C, was small but very enthusiastic. A tentative constitution was put forward for discussion by the chairman, J. Kutner, but was thought by the majority to be too narrow to include students who, while interested in the subject of economics, are not professed Socialists. The matter of a complete constitution was therefore held over until the next meeting, at which it is hoped a more representative attendance can be obtained.

The meeting then proceeded to discussion of the policy of the club as it is to be outlined in the preamble to the constitution. As the general opinion was that the club should be for the study of economic questions in general, socialism being only incidental to this, the following preamble was adopted: "The object of the club shall be the study of social, economic and political questions."

The name of the club was then discussed and voted upon. "The Economics Club of M. I. T." was adopted.

The time and place of the next meeting will be decided upon by the Executive Committee.

EDITION OF TECHNIQUE 1914 SIGNED UP

Twenty Copies Available for Those Who Will Enter the Rush.

Many men have signed up for Techniques in the past few days, with the result that only 21 books out of the total available number of 850 are as yet unassigned. Only men promising to enter the rush will be allowed to sign for those remaining books. The Board reached this decision last night, when it became known that the sign-ups had reached the number specified above. It seems only just that the men most actively interested in Technique should be given the preference, and there is certainly no more significant way of showing this interest than by entering this, the greatest Technique Rush, ever! A member of the Board will be at the Union today from 1 to 2 o'clock to assign the remaining copies. All sign-up books have been called in, so this will be the last chance to obtain a slip.

Mr. A. S. Smith, Superintendent of Buildings and Power at the Institute, is supervising the construction of a barrier to be placed in front of the little house containing the coveted volumes. The general plan of the Rush will differ considerably from that of last year. Fifty feet in front of the little house will be placed the barrier in the form of a heavy fence, 6 feet high and 16 feet wide, with a top 1 foot broad. Attached to the fence will be flanks 12 feet in width which will lead to the central fence. Thirty feet in front of this barrier will be the starting line. The reason for making these extensive changes is to give all the men an equal chance, or as near an equal chance as is possible in such a contest. Care will be taken to guard against possible injury to the contestants. Hard wood will be used in the barricade to give absolute protection against splinters, and, as a further protection, wrestling mats will be placed on the side of the barrier facing the men at the start, while the opposite side will slope to the ground to prevent falls from the top of the fence.

Near the little house and adjoining the wall of the Copley-Plaza Hotel a bandstand is to be erected, where the band, after heading a procession from the Rogers building, will take up its position. This band, composed of the best talent in the Institute, is practicing daily under the able direction of Leader Brooks, and promises to be a great addition to the merriment preliminary to the Rush.

A contract has been made with one of the largest moving picture concerns in this country for moving picture rights and two machines will be operated, one from the bandstand and the other from the street, in order to get complete films of the Rush. The pictures will be shown at the Boston Theatre first, and, if popular, will be used throughout the country. It is expected that 300 men will take part in the Rush, and with this number of participants the contest will be one long to be remembered.

The Technique Board hopes for the active co-operation of all four classes in making the Rush a fitting opening for Junior Week, and to that end every inducement is offered to bring out the entire student body. The first twenty copies will be numbered and will contain the signature of President Maclaurin. The first four and the

PRATT WILL CASE WON BY TECHNOLOGY

Three-Quarters of a Million for School of Naval Archi- tecture.

The Supreme Court has recently rendered a decision sustaining the will of Charles H. Pratt, the Boston attorney who left three-quarters of a million to Tech, but whose will was contested by ten of his cousins. The money is to go towards the foundation of the Pratt School of Naval Architecture and Marine Engineering.

By the terms of the will Mr. Pratt's estate is placed in the hands of trustees, the income to be added to the principal until the sum of \$750,000 has accumulated, or, in any event, until twenty-one years after the testator's death, when the entire fund is to be turned over to the Institute for the building of this school. The gift is conditional upon the erection of a suitable building by the Institute authorities, the balance of the bequest being used for the maintenance of the school of architecture.

Mr. C. H. Pratt was born in Boston and took an active interest in the welfare of the State and community. He attended the Chauncey Hall School and later graduated from the Boston University Law School. He died on May 2, 1912.

LYNN HIGH CLUB.

Members to Meet at Noon Today to Elect Officers.

This afternoon, at 1:30 o'clock, the Tech men who are graduates of the Lynn High School will meet in 26 Rogers to elect officers and to vote on the Constitution which has been drawn up by L. Cowles, '14; J. Stewart, '15, and G. Peakes, '15. It is hoped that every graduate of the school will be present and ready to give his opinion of all matters brought up at the meeting. This will make the fifth High School Club at the Institute, the other four being the Mechanic Arts High School Club, the Boston English High School Club, the Chauncey Hall Club and the Brookline High School Club.

twentieth will be free, and money will be refunded to the happy possessors of these much desired volumes immediately after the Rush.

To provide for those who have not yet signed for copies a waiting list will be kept by the Treasurer after the twenty copies now available have been secured. It is expected that on account of financial difficulties some men who have made advance payments on copies will not be able to complete their payments, and they will, after a date set by the Technique Board, forfeit their claims Books placed at the disposal of the Board in this manner will be turned over to the men on the waiting list.

On Monday morning the rules and restrictions of the Rush, together with a diagram showing the position of the barricade, will be published in THE TECH.

TECHNIQUE 1915 ELECTION RESULTS

G. R. Urquhart Becomes Business Manager and O. R. Freeman Art Editor.

Yesterday the 1915 Technique Electoral Committee met and, after several ballots, elected George Robert Urquhart, of Concord, N. H., as Business Manager. Mr. Urquhart came to the Institute after having spent a year at Williams, is a Course X man, and a member of Sigma Alpha Epsilon fraternity. In his first year he was on the Class Dinner Committee. This year he has been on the Tech Night Committee, and is at present on the class Executive Committee. Interested in athletics, he is often seen on the track. He was very prominent in Concord High School activities.

The committee then proceeded to the election of the Art Editor, Osborn Ricker Freeman being elected. He comes from Helena, Montana. There are few in the Institute who have not had opportunity to admire some of Mr. Freeman's work in art. In the State Capitol of Montana there is a panel of his; here, there are but short intervals between the appearances of various of his posters on the bulletin boards. Last year's Technique had several of his contributions, and this year's has still more.

A committee, consisting of Crowell, the Editor-in-Chief, Freeman, Alt and Goodell, was then elected to arrange for a competition for assistant Art Editor. The rules for the competition will be announced in the immediate future so that no time will be lost.

NORTHAMPTON TRIP.

Arrangements Made for Men Going With the Show.

This afternoon, at 4:15, the last rehearsal of the Show before the Northampton performance will be held in the Union. All men in the finales of the first, second and third acts are expected to be present, as the rehearsal will consist chiefly of songs and music. Duff, Salibi and Mann are also to be on hand to practice their songs, "Always Room for More."

Business Manager Keith announces that all men who wish to go to Northampton may obtain accommodations on the "Tech Show Special." The rate will be \$3.50 for the round trip, whereas the regular fare is about \$5.00. The train will leave Trinity Place station at 3:15 P. M., and leave Northampton about 11:30, arriving in Boston at 3 A. M. For further information see Mr. Keith at the Show office this afternoon.

WEATHER.

Forecast for Boston and vicinity:
Thursday, probably rain. Moderate easterly winds.

CALENDAR.

Thursday, April 10, 1913.

1:30—T. C. A. Talk.

2:00—Crew Practice.

4:15—Crew Practice.

Friday, April 11, 1913.

8:00—Tech Show, Northampton.

4:00—Freshman Baseball.

8:00—Novice Wrestling Meet—Gym.

Scholarship Applications Due.

THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

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Office Hours of General Manager:
5.30 to 6.00, Daily, Except Saturday.
Office Hours of Managing Editor:
8.40 to 9.00 A. M., Daily; 5.30 to 6.00 P. M.,
Daily, Except Tuesday and Thursday.
7.00 to 8.00 P. M. Friday.

Office, 42 Trinity Place.
Phone—Back Bay 5527 or 2180.
Night Phone—Back Bay 5527.

Subscriptions within the Boston Postal
Subscriptions, \$2.00 per year, in advance.
Single copies, 2 cents.

THURSDAY, APRIL 10, 1913

SOCIALIST CLUB.

Without by any means professing belief in socialism, we heartily welcome the organization of a club for its study at the Institute as a step toward awakening to the great national issues of the day. Social Democracy stands today where Political Democracy stood before the French Revolution; where it stands in Russia today. Who but the college men of the country should be the most interested in it? The universities in Russia are hotbeds of political agitation; why should American college men not take up with equal vigor the problem confronting their country? It is a question which men of authority, whatever their individual opinions, agree in proclaiming the one fundamental issue of the coming century.

SOPHOMORES.

This isn't a class paper and the editorial is unexcusably out of order. SOPHOMORES, are you going to sit back and watch 1916 walk away with the track meet on Saturday afternoon? The Freshmen have turned out in large numbers and they are getting a good team into shape. They have never won a meet from us yet, but they will lower us to our deserved position if the track talent in the class doesn't rise to the occasion. We have sure point-winners who won't even promise to enter the contest, and they laugh when "practice" is mentioned. Change your mind and surprise Kanaly this afternoon. Consider the consequences if you don't.

ON COMMUNICATIONS.

The communication in this issue of THE TECH concerning a telephone bulletin in the Union offers a very good suggestion to the Union Committee. The Union ought to be and is the headquarters of Institute men, especially those who live at too great a distance from the Institute to be able to go home at noon or during free hours. The suggested bulletin will be a convenience to these men, and it will, therefore, be an asset to the efficiency of the Union.

FRESHMAN DINNER.

Tickets Will Be Withdrawn From Sections Today.

Chairman Sully of the Freshman Dinner Committee will be in the Union at 1.30 this noon to receive the unsold tickets for the dinner. These tickets will then be placed on sale at the Cage and be sold up to the time of the dinner.

As yet the tickets have not had a very rapid sale. The committee would like to have those who are intending to go to the dinner secure their tickets from the various agents in the different sections at once, so that they may give Steward Colton a more accurate estimate of the number of men who will be present.

As the committee announced in previous issues of THE TECH, an excellent menu, fine speakers, and good music have been provided. They guarantee all who will attend one of the best times that they have ever had, and hope to see a large number of Freshmen at the dinner.

M. E. NOMINATIONS.

Today, at 4 P. M., the nomination papers for next year's officers of the Mechanical Engineering Society are due at the Cage. These nominations are for Chairman, Vice-Chairman, Secretary-Treasurer and the Governing Board, which is to be composed of two Juniors and one Sophomore, who will be Seniors and Junior next year. These must be signed by at least ten members to be valid. These nominations are to be voted upon shortly after the final banquet, which will be held the last of this month.

COMMUNICATION.

Editor of THE TECH:

I read with interest the communication in Wednesday's issue regarding the chronic absence of a few of the members of the Institute Committee. The writer is not the only one who has noticed it. The representative of Athletics has been to four meetings. Two of these at the first of the year, one at Notman's, and the other when he came around to ask help for athletics from the committee. If others on the committee came around only when they had something that they wanted done for their own activity who would there be to do it? The wrestling team got out and hustled a bit and sold enough tickets to a wrestling bout in the Gym so that they paid all their bills and had enough left to buy each man a medal. What does the track management do? They leave the advertising of Field Day to the leaders of the two lower classes. Result is empty seats in the grandstand and bleachers. They do not seem to try to make a cent themselves. Look at the Brown-Tech dual meet last year. The first meet we had at Tech for over a year. Not a poster was put up; they relied entirely on THE TECH to get out a crowd. And then at the end of the year the A. A. gave the manager a T for being a "good manager." "God helps those who help themselves." Let Athletics awake. Tag Day shows the Tech Spirit is here. It's up to the management of the track team to make the most of it. Knocker.

Another communication, namely, that dealing with attendance at Institute Committee meetings, appears in this issue, and we approve of its sentiment just as heartily. The letter is warm in spots and it is full of the spirit which prompted the "Knocker" to write it. A system of fines might prevent such indifference to the attendance of Institute Committee meetings on the part of its members—representatives of activities and the classes—but in all events some step should be taken to change the present state of affairs.

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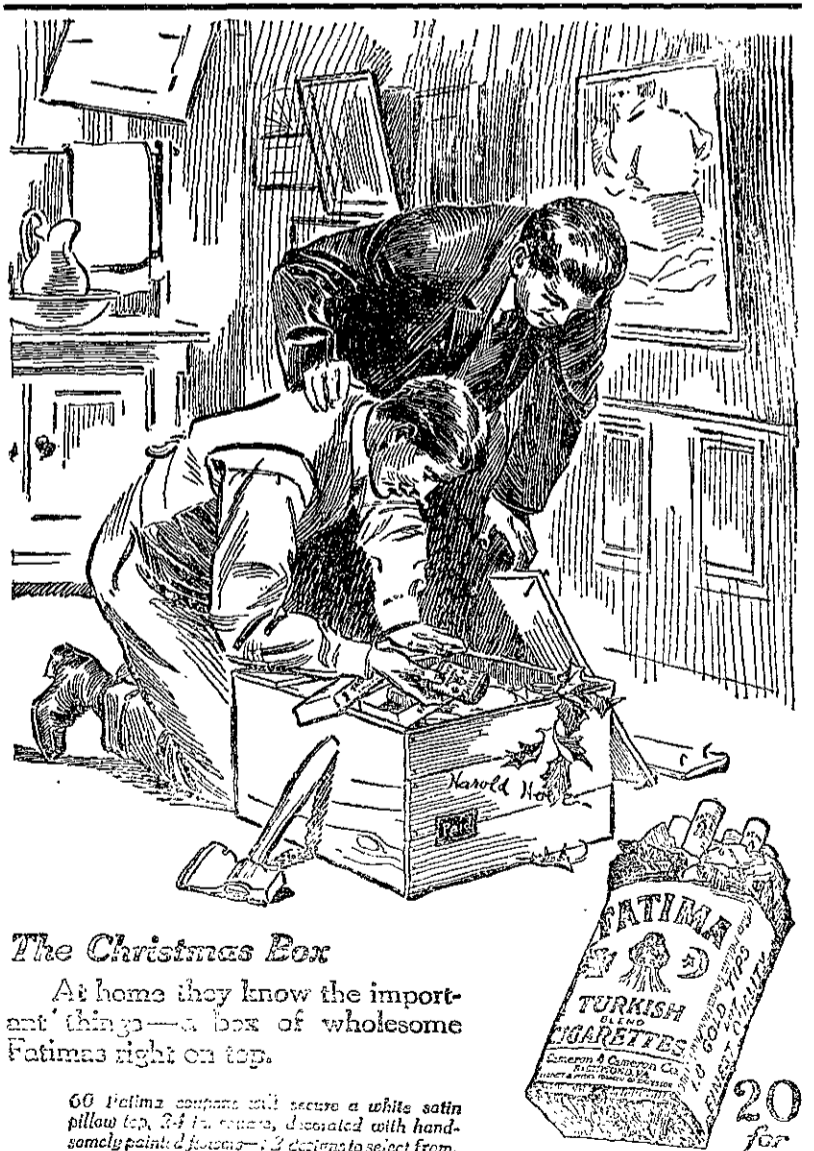
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AUTHORITY ON LABOR PROBLEMS TO SPEAK

Rev. Van der Pyl, Well Known Social Worker, to Address T. C. A.

The regular T. C. A. talk for today will be given by the Rev. Nicholas Van der Pyl, and will deal with "Some Phases of the Industrial Problem." Mr. Van der Pyl is pastor of the Center Congregational Church of Haverhill, and is making this trip to Boston expressly for the purpose of addressing the Technology students.

Mr. Van der Pyl is especially well fitted for speaking on the subject he has chosen, as he has devoted a large part of his time to the practical study of civic and labor problems. At the time of the Lawrence strike he was a member of the commission appointed by the Confederation of the Churches of Greater Boston to investigate the strike situation. He has been active in other branches of social work, and is a prominent member of the Twentieth Century Club of Boston. As official lecturer for this club he has made a wide reputation for himself as a speaker, and has done his part in the work of social uplift and civic betterment, for which the club is noted.

The problems with which he is to deal tomorrow are not only important to every public-spirited citizen, but also particularly so to the engineer and prospective engineer. Many of the Technology students will some day be obliged to hire labor and deal with laborers. Some attention given to labor problems now may be repaid later, when much may depend on the ability to understand and handle working men, and it may also be advantageous for the engineer to realize the point of view of his men, so that he can treat them fairly.

Mr. Van der Pyl is the first of the T. C. A. speakers who has been obliged to make a special trip to address the students. The officers of the T. C. A. feel that it is a great favor for such a well-known speaker to give up so much of his valuable time for the benefit of the men here, and is anxious to have a large crowd for the talk. They believe that Mr. Van der Pyl should be repaid for his trouble by having a good sized audience.

CATHOLIC CLUB.

(Continued from Page 1, Col. 1.)

authorities recognized as such by the world at large. By studying the authorities the real doctrine of socialism is uncovered. Coming to the point, socialism conceals a denial of God, of man's free will, and everything else that is of importance to man. The philosophy of socialism says that this world always existed, and that it was begun with a nebular germ which finally grew into the world. Under this economic condition two classes grew up, the slaves and the free people. From the organism of slavery a new germ came into existence, and this was Feudalism. This brought out Catholicism, and the next step was taken when the capitalists appeared. They brought about Protestantism, and this was supposed to be the final step, but now the socialists say that a classless age is due. In this age they say there is no religion, and this alone is enough to condemn the movement, and every active churchman should oppose it.

The argument that catches the people is really the doctrine of equality of man. The only fault with this argument is that human nature stands in the way. All men are endowed with certain traits, and among these the instinct of self preservation stands out clearly. Under socialism all those traits will be wiped out, and all men will become saints. This will never occur, and socialism can never control man's destiny. There will always be a domineering class, and therefore the only proper way to at-

PROF. LINDGREN SPEAKS AT MINERS' MEETING

Description of Mexican Mines Is Very Interesting—Dinner Plans.

A meeting of the Mining Engineering Society was held in 11 Engineering B, at 4.15 yesterday afternoon. The members heard Professor Waldemar Lindgren, the head of the Department of Geology at the Institute, talk on "The Mining Interests of Mexico." Professor Lindgren has just returned from Mexico, where he studied the important mines and was able to give the members a very interesting afternoon. While in Mexico he met with numerous difficulties on account of the revolutionary war which was going on at that time.

He told the members how Mexico had become one of the largest mining districts in the world during the last four hundred years. The production of metals has increased to such an extent that even the war could not keep the supply down. Mining was first started in that country by the Spaniards, who sent prospectors all over the country, and found about all the mines available under the conditions of the times. From 1620 to 1700 the mines were run on a small scale, and from 1700 to 1810 these same mines were used on a much larger scale. Then came the revolutionary period, 1810 to 1821, stopping all mining work for a long time. The next period was known as the English period, because of English financial control of the mines. During the past few years a large amount of American capital has entered the field.

The most important products are gold, silver, lead, zinc and antimony. The value of the gold mined is \$28,000,000 in American money. Silver is, however, the most important and abundant metal, and is found in limestone. Gold and copper have only been discovered in recent years. Among other products are coal, graphite and oil. Since its discovery, a few years ago, the production of oil has exceeded 6,000,000 barrels annually.

The majority of the mines are from 1500 to 1800 feet deep, and situated in almost inaccessible country. Often the ore has to be carried out of the mine on the backs of men. Numerous volcanoes in the southern part of the country increase the difficulties.

After Professor Lindgren's speech the president of the society announced that the next meeting will occur in a few weeks, and that Mr. Walter R. Ingalls, of New York, will be the speaker. He also announced the annual dinner, and asked all the members to unite in making it a success. A letter from the Mining Engineering Society of America was also read. All students are invited to the next meeting, and a large attendance is expected.

ack the problem is through the church.

After the speaker had been given a vote of thanks the meeting was opened for business. Reports were read by Murphy on the dance, Walsh on representation in the Institute Committee, Ready on a club emblem and Wiseman on the Catholic library to be established in the main library in Rogers. The dance proved to be remarkably successful, both socially and financially, and a letter was read which complimented the members highly on the excellent work which they performed in keeping all undesirable dancing out. A pin was voted upon, and the one which was accepted was a triangular design which was submitted by Drummey. '16. Father Scanlon spoke to the members at the closing of the meeting and congratulated them upon the excellent work which they have accomplished during the past year. As a final winding, the club will hold a banquet the first week of May in one of the hotels in Boston.

FRESHMAN BASEBALL TEAM FAST DEVELOPING

Large Squad of Promising Candidates Rounding Into Good Form.

The Freshman baseball team has been rapidly rounding into shape under the supervision of Captain Murphy. In spite of the fact that the weather has interfered seriously with the practice the squad has shown rapid improvement, the men turning out regularly and practicing faithfully. There has been a shakeup in the infield but the men are working into the positions that they will play during the season.

Burkhardt and Smart are the two twirlers who are showing good form; Captain Murphy is playing the catcher's position, thus demonstrating his versatility as a ball player. There is a host of good men trying for infield positions. Drake and Townsend are showing up well as first sackers and one or the other of them will probably be holding down that bag when the season begins. Petit is playing a good game at third. He is a sure, fast man, and has the ability to hit the ball in addition to his good fielding. Several men are trying for short-stop and second base. It will be difficult to pick the regular men from this number, but when the decision is made it will result in the positions being filled with men who know the game from A to Z.

The outfield also has a large number of competitors. Krigger will probably be among the ones to fill the outfield positions. He is a good fielder and a heavy hitter. A. K. Steward and Ross are also playing a good fielding game, and both are men who would make a valuable addition to a team.

The squad is still large in numbers, which is rather unusual at this stage of the game. The following men have been reporting regularly: Lipman, Morse, Petit, Murphy, Smart, Burkhardt, Townsend, A. K. Steward, Woodbridge, DeMerritt, Connelly, Davies, Kenny, Scully, Lovejoy, Drake, Storm, Krigger, A. J. Stewart.

TRACK MEET SATURDAY.

Admission Free to Freshman-Sophomore Contest.

Entry books have been posted in the Union and at the Field for the Freshman-Sophomore outdoor track meet next Saturday. There will be no admission charged at the meet. This is a departure from previous years, and it is hoped, especially in view of the fact that the meet will be very close and well contested, that a large crowd will be on hand. Although the Sophomores won the indoor meet by a good margin last month, it is certain that if they do win they will not do it by any great number of points. The Freshmen are out in great numbers and are developing a well-rounded team. The weight events, which were previously neglected, are now being given due attention, and the running is better than ever. The Sophomores are strong in the field events and have several good men on the track. All in all the management expects a very interesting meet, one well worth the trip to the Field.

PROM PROGRAMS.

The Junior Prom Programs will be at the Union every noon this week, from 1 to 2 o'clock, except Saturday, when they may be obtained from 12 until 1.30. Men who have signed up and are not going are requested to give their names to the committee, so that those on the waiting list may be notified.

It has been suggested that all men who still wish to exchange dances meet in the Union on Saturday, at 1 o'clock, at the Prom Committee table.

PICTURE OF HALLEY'S COMET EXHIBITED

Enlargement of Remarkable Photograph Shown in Rogers.

An interesting astronomical photograph has recently been placed on exhibition in the entrance hall of Rogers Building. It is an enlargement of a photograph of Halley's Comet, and is quite unique, both as to size and to the features it shows. The original was taken at the Lowell Observatory, Flagstaff, Arizona, under the direction of Dr. Percival Lowell, non-resident professor of astronomy at Technology. The comet, which appears only once in each seventy years, was visible during the month of May, 1910, and attracted wide attention both from scientists and the general public. As this picture is one of the best taken of the comet it should be of considerable interest to students of astronomy and science, especially as few who are now living will see the comet when it next returns.

The enlargement is forty by twenty inches in size and gives a fine idea of the splendid appearance of the comet. The fixed stars appear as streaks of light because the telescope had to be pointed toward the moving comet for a long time, so as to get a good exposure. The remarkable divergence of the tail streamers is shown very well. A rather remarkable feature is a small meteor which was caught just as it darted across the tail.

Another interesting detail shown is the unusual off-shoot from the tail, which has not yet been fully explained. It consists of a curious succession of puffs and distortions, believed by Dr. Lampland to be due to the attraction of the planet Venus, which was quite near the comet when the photograph was taken. Venus is, in fact, visible in the enlargement, where it shows as a brilliant disc surrounded by a halo.

The picture is an unusual one and has attracted the interest of authorities upon astronomy. Professor M. L. Osborne, Director of the Museum of Natural History in New York, was particularly struck by it, and the enlargement was made on his suggestion. It is through the kindness of Professor Lowell that the Tech students and the public of Boston are allowed to see it. The photograph will be open to the public each day and evening during the coming month.

Besides the big enlargement there is also a smaller picture on exhibition which is a direct print from a negative. This represents the comet just before it disappeared from sight. It is not such a good view as the other because the comet had gone so much farther away, and for this reason is not of great interest to the student, but it is a valuable souvenir of the heavenly visitor. There is something impressive in the picture of the famous comet departing on its long journey into the unknown regions of space.

THREE CREWS ON RIVER.

The crews are now down to work in earnest, and yesterday three four-oared crews were out on the Charles from the B. A. A. boat house. On the first trip the men were: Macy, coxswain; Pierce, bow; Morse, 2; Jewett, 3; Calver, stroke. On the second, Horlakowsky, coxswain; Pierce, bow; Calver, 2; Jewett, 3; Sifton, stroke. On the other trip, Forsythe, coxswain; Robertson, bow; Morse, 2; Apfel, 3, and Berkowitz, stroke. So far twenty-two men have been out. Today there will be practice at 2 o'clock for those who have the afternoon off, while the others can come at 4.15. The Varsity eight-oared shell will be used both times.

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FACULTY NOTICE.
 Third Year, Course XIII.
FORGING for students in Course XIII of the third year will begin on Tuesday, April 8th. The exercise will be held between 2 and 4 o'clock.
 WALTER HUMPHREYS,
 Registrar.

SECOND YEAR COURSE X.
 Mechanical Engineering Drawing and Quantitative Analysis are inter-arranged on Friday and Thursday. Mechanical Engineering Drawing will be given Friday, and Quantitative Analysis will be given on Thursday afternoon, beginning this week.
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