

SENIORS HAVE BIG TIME AT SMOKER

Miles of Pretzels Served—Banjo Club Plays—DeBell and "Dud" Bell Speak—Nelson Chase Entertains With Cartoons

223 SENIORS PRESENT

Last night the Seniors held their annual smoker in the Caf. Although the weather conditions were very bad, 223 out of 368, a little over 60 per cent of the total membership of the class, were present. The different courses were seated in sections. "Nig" Sewell and "Joe" Battis had the honor of sitting in the upper left hand box. The north and south wall stands of the arena were filled by late comers. Promptly at 7.15 P. M. the ceremonies started. It is well to note that this is the first smoker in years to begin on time.

7.15—Two gentlemen of color entertained the Seniors with ragtime.

7.30—President "Johnny" DeBell arose and was cheered by all. He then directed the count by sections. The returns were:

First, Course XV, 80 per cent of total members present.

Second, Course IV and XIII, 72 per cent present.

Third, Courses I and XI, 61 per cent present.

Fourth, Course III, 52 per cent present.

Fifth, Course II, 46 per cent present.

Because some courses had such small membership, it was found necessary to combine them.

7.35—The Banjo Club played several entertaining selections.

7.45—Nelson C. Chase of Course IV drew some very amusing cartoons. He said he would first draw a mug. He

(Continued on page 3.)

T. C. A. DISCUSSION GROUPS

Time and Place Arranged for Upper-Class Discussion Meetings

Under the auspices of the Technology Christian Association, discussion groups for upper classmen are being arranged by a committee with E. G. Senter, Jr., '17, as acting chairman.

The groups are to be in charge of professors, instructors and men who are prominent in the Institute activities. The first discussion will be held during the week of November 6th and each group will meet one afternoon a week for a period of six weeks. The rooms and definite times for the meetings will be announced in The Tech and on all the bulletin boards.

A list of professors in charge and their subjects has been made and is almost complete. The list as it stands follows:

Professor W. T. Sedgwick—The Recent Growth of Altruism; Professor H. G. Pearson—Human Engineering—1. Fear; 2. Anger; 3. Prejudice; 4. Love; 5. Laughter; 6. Faith. Mr. C. H. Sutherland—Social Christianity—1. The World Crisis; 2. The Root of Discontent; 3. Christ's Faith and Purpose; 4. Christ versus His Church; 5. Is Christendom in Earnest? Mr. C. E. Turner—The Biological Aspects of Alcohol as Related to Industry—1. The Workingman's Diet; 2. Efficient Labor; 3. The Nervous System and the Mental Process; 4. Longevity and Industrial Disease; 5. Heredity; 6. Race Hardihood. Professor G. B. Haven—What Shall It Profit a Man? 1. Moral Power—Religion; 2. Mental Power—Education; 3. Physical Power—Strength; 4. Power Over Others—Influence; 5. Power Over Self—Self Control; 6. Power Devoted to Others—Usefulness. Professor W. E. Wickenden—An Engineer's Faith. 1. The Nature of Faith; 2. God; 3. Jesus; 4. The Bible; 5. Prayer; 6. The Life of the Spirit. Mr. E. R. Kneeland—The Scientific Student's Belief.

NEW TECHNOLOGY LIBRARY

Collection of 130,000 Volumes Valued at \$500,000

The new Technology library is soon to be ready for use. It will contain a total of one hundred and thirty thousand volumes valued at half a million dollars, which includes the special libraries of the various courses, besides a considerable number of books pertaining to other subjects, such as Military Science, History and English Literature. The Institute collection of books on Applied Sciences is second to none in the United States. Besides the central library in the main building there are four complete departmental libraries for Civil Engineering, Architecture, Geology and Naval Architecture, in their individual buildings.

The Library is situated on the fifth floor beneath the dome. The circular room is one hundred and twenty feet in diameter and is seventy feet in height from the floor to the top of the dome. The Library is strictly Ionic in treatment and is finished in a Caenstone color. The inner plaster dome is suspended from the outer concrete structure and rests on sixteen Ionic columns twenty feet in height. Natural lighting will be furnished by a skylight twenty-eight feet in diameter in the top of the dome. The artificial lighting is entirely indirect. Electric lamps are concealed around the edge of the skylight so that their light will be reflected down from the inner dome. This system precludes the possibility of shadows and unprotected lights. The delivery desk will be situated in the main reading room to the left of the entrance. The room will be provided with long tables for the use of readers. The stack room surrounds the main reading room and is separated from it by fireproof doors. These stacks are arranged in three tiers with sixty-two stacks in a tier.

The Library will be at the disposal of all Technology students. All the student has to do to take out a book is to look up the number of the book in the card catalogue, present that number at the desk, and when the book arrives at the delivery desk he signs a card which is removed from that particular volume and placed on file until the borrower returns the book.

TRAINING TABLE FOR CROSS COUNTRY.

Will be Near Institute—Freshmen Eligible with Varsity Men

A big effort is being made to arrange a training table for the Cross Country squad. The men cannot do their best work without it, and if enough men sign up, it can probably be made a permanent institution. The training table will include freshmen as well as varsity men, and will be held at some place conveniently near the Institute. The meals will include lunch and dinner on Monday, Tuesday, Wednesday, Thursday, Friday, and lunch on Saturday. All other meals will be taken at home. The price will be made as reasonable as possible, and will probably be about 30 cents for lunch and 40 cents for dinner.

A training table will not only improve the condition of the squad, but will serve the additional purpose of getting the men together and retaining enthusiasm. No time from study will be taken, for the men can go directly from the track and then home if they desire. It has been decided that if the training table is instituted, luncheon will be served at 1.00 o'clock and dinner at 6.00 o'clock.

A meet with the Dorchester A. A., over the Franklin Park Course, may possibly be arranged. This is one of the best athletic organizations in New England and defeated Technology last year. The meet will probably determine the men who will take part in the Princeton meet on Nov. 11.

LATIN-AMERICAN CLUB

The Latin-American Club will hold its second meeting at the Caf Saturday at 6.00 o'clock, where dinner will be served. The committee appointed at the last meeting to draft a constitution for a permanent Latin-American Club of Technology will report. Professor Segura of Harvard will speak to the South American students.

"SYBIL" AT TWO

Last Chance to Redeem Tech Night Exchange Tickets One to Two O'clock in the Caf

Theatergoers had their first opportunity of seeing Julia Sanderson, Donald Brian and Joseph Cawthorn in their latest success, "Sybil," the Tech Night show, at the Colonial last Monday. It may be recalled that the three popular stars made their first appearance in this city in "The Girl from Utah" and the combination was immediately hailed as one of the most important and interest-

(Continued on page 2.)

RELAY TEAMS CONFIDENT

Personnel of the Field Day Relay—Captains Sure of Win

The relay teams of both classes are confident that they will prove superior to their rivals this coming Friday. Captain Bent of the Sophomores stated that his team will win because it has practiced together longer and has had more experience than the freshmen team. Manager Richards of the Sophomores said to a reporter of The Tech: "Our team is well balanced. They are sure to win." Although 1919 was defeated by 1918 last Field Day, they succeeded in retaliating in the Spring Meet. The freshmen, however, showed up well in the Harvard dual meet last Fri-

(Continued on page 3.)

FIRST ARCHITECTURAL EXHIBIT IN ROGERS

Joint Exhibition of Architectural Societies in Boston—Open to the Public—To Last Two Weeks

"VARNISHING DAY" SATURDAY

The first exhibition to be held in the new Architectural Exhibit Room in Rogers Building will open next Saturday night, Nov. 4. This exhibition is given under the auspices of the Boston Society of Architects, the Boston Architectural Club, the Boston Society of Landscape Architecture and the Society of Arts and Crafts. It is an annual affair in Boston generally given by these societies.

The exhibit is being held in Rogers through the courtesy of the Department of Architecture at Technology, in accordance with a policy by which it hopes to make Rogers Building the architectural center of the city. The old library, rooms 16 and 12, and a part of the hallway will be devoted to the display which the committee claims is the largest of this character ever held in Boston.

The exhibit will last two weeks, during which time the rooms will be open to the public. The informal opening, or "Varnishing Day" as it is called, which is an old expression used for the informal opening of an exhibit, is on Saturday, when only the members of the various societies interested will be admitted.

RIFLE CLUB

The main object of the M. I. T. Rifle Club is to promote and develop shooting at the Institute. No special ability is required and the officers of the club want everyone to come out regardless of previous experience. The work of the club consists of outdoor shooting in the Fall and Spring, and indoor shooting in the Winter. All outdoor trips to the range are in charge of members of the team, who will give instruction to the new men. Any member of the club who studies the game carefully and practices faithfully should at least qualify for marksman in the Spring. If he shows exceptional ability there is the added possibility of making the team.

All members of the club have the use of guns, ammunition, and the range. They also may compete for the team, try the qualifications of the National Rifle Association, and purchase ordinance supplies from the government.

Men desiring to join the club should do so at once in order that they may enjoy the advantages of being officially recognized as members of the N. R. A. The secretary wishes the following data from each member of the club: name, address, age, and make and calibre of rifles he may own. This information should be left immediately in the envelope of the poster in the main lobby.

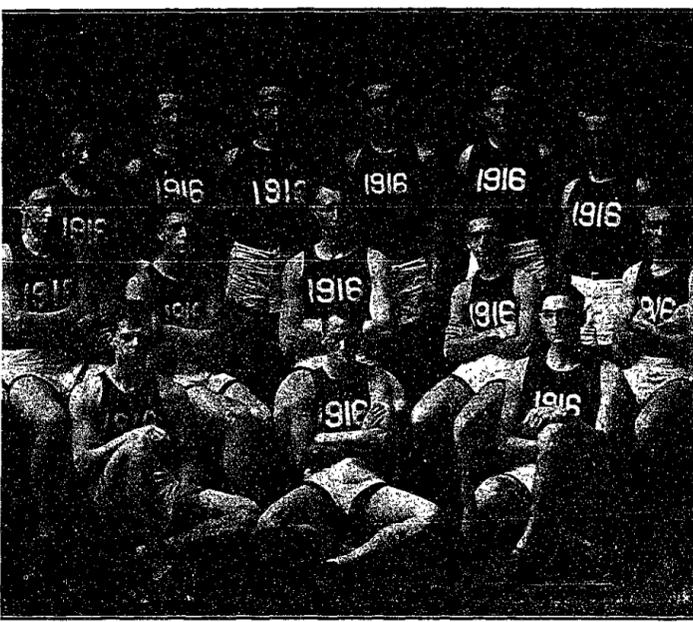
M. I. T. FORUM

At the meeting of the M. I. T. Forum Committee held yesterday, plans for the first activity of the year were discussed. The committee expects to have as the first speaker of the year a Belgian who is lecturing in this country on the promotion of peace. Definite plans will be announced later.

THE TECH EXPECTS TO TAKE THE PICTURES OF ALL FIELD DAY TEAMS TODAY FROM 4.00 TO 5.00 O'CLOCK AT THE FIELD. THESE PICTURES WILL BE INCLUDED IN THE FIELD DAY ISSUE NEXT FRIDAY.

CALENDAR

Wednesday, November 1, 1916
4.15 P. M.—Orchestra Rehearsal. Tech. Cafe.
8.00 P. M.—Chemical Society Meeting. Room 2-190.
Thursday, November 2, 1916
1.00 P. M.—Freshman candidates for Tech. Monthly. Basement Building 1, Tech Office.
6.00 P. M.—Catholic Club Dinner. Cafeteria.



1916 RELAY TEAM

First Row, Left to Right—Hayes, Hine, Goldstein.
Second Row, Left to Right—Page, Reed, Loomis, Uhlinger, Dean.
Third Row, Left to Right—Comsiky, Reid, Lapham, Lieber, Kittredge, Lawrason.

The 1916 Relay Team which ran on Field Day, November 7, 1913, established a record for the M. I. T. relay

distance. The one and a half miles was covered by these men in 4 minutes 50.25 seconds.

TECH MONTHLY TO APPEAR

Articles by Drs. Walker and Hollnagel in First Issue

The first issue of the Technology Monthly Engineering Journal to appear this year will be on sale next Tuesday, November 7. The size of the magazine has been increased and an attempt has been made to obtain interesting as well as instructive articles on engineering and allied subjects.

The first of a series of articles on the History and Development of the Electrical Magnetic Spectrum, by Dr. Hollnagel, will appear in this issue. An illustrated account of the Quebec Bridge disaster by Mr. Updegraff and an article on the Manufacture of Wood Pulp, written by Mr. W. P. Richardson, will also be published. Mr. John Ritchie, Jr., of the Institute, is the author of an article on the Future of the Rogers Building, and Dr. W. H. Walker, head of Course X, has written an account of the last Chemical Exposition Held in New York.

The subscription price of the Monthly is a dollar and a half a year. The price of the single copy is twenty-five cents.

FALL TENNIS TOURNAMENT.

The third round of the fall tennis tournament has been completed and the semi-finals are now in progress. Manager Kimball is arranging an attractive schedule of matches. The summary:

Canger, '18, defeated Gokey, '18, 6-3, 6-2; Swain, '17, defeated Fiske, '18, 6-2, 6-0; Tutein, '18, defeated Tutein, '17, 6-4, 6-4; Stanwood, '20, defeated Smith, '17, by default; Wyer, '18, defeated Merrill, '19, 6-3, 6-0; Hooper, '18, defeated Robinson, '18, 6-2, 6-1; Collins, '18, defeated Kimball, '19, 6-4, 2-6, 6-1; Barron, '20, defeated Kaler, '18, 6-3, 6-4. In the semi-finals, Swain, '17, defeated Sanger, '18, 6-0, 6-1.

FRESHMAN-SOPHOMORE CREW

1920 and 1919 Eights to Race at 1.30 O'clock Friday

As a result of Monday's crew meeting it was decided to run the race between the freshman and Sophomore crews on Field Day at 1.30 o'clock. The race will begin at the Cottage Farm Bridge and will end on the Cambridge side directly in front of the Institute. The freshmen will row on the side nearer the Cambridge Esplanade.

The following men have been picked to represent the two classes: Freshmen: Bow, Allen; 2, Schildbach; 3, Libby; 4, Keller; 5, Higgins; 6, Burroughs; 7, Bigelow (Capt.); Stroke, McNear; Cox, Dana. Sophomores: Bow, Gibson; 2, McIntosh; 3, Luykx; 4, Homer; 5, Untersee; 6, Hackett; 7, Quick (Capt.); Stroke, Lundquist; Cox, Webber.

PROFESSORS FOR HUGHES

Under the auspices of the Technology Republican Club a straw ballot was taken among the professors at the Institute for the coming presidential election. The returns were: Hughes (Republican), 76; Wilson (Democrat), 15; Benson (Socialist), 1; and Hanley (Prohibitionist), 2. In connection with the straw vote it is interesting to note that all the professors of the German Department were in favor of Hughes and in the Department of Chemistry the votes came in four out of five for Hughes.

On account of the conflict in the dates of the parade and Tech Night the Republican Club has decided that it will be impossible to send a Tech contingent on November 3.

In order to promote more interest on the part of the student body the executive committee has placed reading matter in the Caf in connection with the presidential campaign and would be glad to have this taken by those interested.

TECH NIGHT TICKETS REDEEMED IN CAF 1.00-2.00 P. M.