

SOCIAL FILLS HUNTINGTON HALL

Play by Emerson College of Oratory Features — Dancing Inaugurated in Rogers Building

PROFESSOR CRAM SPEAKS

For the first time in its many years of service to Technology Rogers building was the scene of a dance. The occasion was last Saturday night when the Department of Architecture gave a reception and dance to the architectural departments of Harvard and Technology and the various dramatic and art schools of Greater Boston.

The evening was opened by Professor Ralph Adams Cram, who delivered a talk on the relation between the dramatic arts, music, and literature to architecture. Professor Cram then introduced J. Randolph Coolidge, the well-known Boston architect, who elaborated on Professor Cram's theme and spoke on art in its truest sense.

The entertainment of the evening was furnished jointly by the Emerson School of Oratory and pupils from the New England Conservatory of Music and the Faelton Pianoforte School. The Emerson College gave one of Bernard Shaw's plays entitled "The Dark Lady of the Sonnets." This was a satire on Shakespeare and very humorous, which coupled with the skilful rendering by the cast of two men and two women greatly pleased the audience. The characters in the piece were Shakespeare, Queen Elizabeth, a watchman, and Mary, the "dark Lady of the Sonnets."

Pupils from the Conservatory and the Faelton School gave several musical selections, the most notable being a piano solo by Miss Anne Hathaway Gulick of the Faelton School, and a violin solo by Miss Marjorie Sharp of the Conservatory. Several old English folk dances were given by men and women from the English School of Folk Dancing.

MUSICAL MEN PLAN FOR TRIP

Manager Kingsbury to Outline Route of Mid-Year Tour

A short meeting of the combined Musical Clubs will be held this afternoon at 5.00 o'clock in Room 2-190. Manager Kingsbury will address the members and the route of the mid-year trip will be announced for the first time. Practically all the important details have been arranged and from now on the leaders will watch their undertakings carefully in order to choose the best men who will go. The tour is set for the week following the mid-year examinations.

ENGLISH READINGS

Tomorrow evening at 7 p. m., Professor Pearson will continue his reading of short stories in Room 2-290. On the following Tuesday evening, Nov. 28, Mr. James P. Munroe, secretary of the Corporation of the Institute, member of the visiting committee for the Department of Modern Languages and English, and President of the Felt Roofing Works, will read.

NOTED CHEMIST DEAD.

Charles E. Avery of the Class of '70, and former instructor at the Institute died last week. He was the discoverer of lactic acid and is noted for his research work in the chemistry of foods. Mr. Avery once gave a novel lecture before the Society of Arts on "Soft Drinks" at which he dispensed his own concoctions, ice cold, from a refrigerator especially provided for the purpose.

DRAW BRIDGE DISASTER

Professor Spofford Chairman of Committee to Investigate

Street railway experts and engineers of the public works department met on last Thursday to discuss plans to prevent a repetition of the Summer Street Extension drawbridge disaster. It was suggested that the federal government be asked to restrict the time when the draws might be opened to times when there was little street traffic. It was also proposed that a mechanical device be adopted whereby cars might be brought to a gradual stop in case of danger.

During this meeting Professor Charles M. Spofford of the Civil Engineering at the Institute was appointed chairman of a committee whose duties it should be to review these two plans and to seek other ideas from the public. This committee will report the results of its efforts to the general committee on Monday, Nov. 27.

WILLIAMS CAPTURES RUN

Intercollegiate Championship Goes to H. H. Brown

Williams captured first honors in the New England intercollegiate cross-country run which was held over the Franklin Park course Saturday forenoon.

Williams not only won the run, but also took away the individual honors when H. H. Brown, one of their men, crossed the line first in 28m. 38 2-5s.

The Technology hill-and-dalers, contrary to expectations, were not in the running. The team which was hailed as one of the best balanced that ever represented the Institute, was unable to do better than capture fourth place, with a total of 103 points. The total of the Williams' team was 53. The time for the run was somewhat slow, owing to the presence of snow on the course. The individual winner of the event last year was R. G. Brown '16. The summary follows:

Williams—H. H. Brown won; W. H. Kelton, 6; R. Putnam, 9; C. H. Stafford, 14; J. Leeming, 23; H. P. Platt, 26; L. A. Hodge, 30. Total, 53.
Maine—F. P. Petti, 3; C. S. Herrick, 7; E. J. Dempsey, 7; A. W. Wander-

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FRESHMAN ELECTIONS

Ballots Now in Hands of Members of Class—Due at Caf

Ballots for the freshman class elections were mailed to the members of the class last Friday night, and are due at the Caf before 5.15 Wednesday November 22. The votes of men who have not paid their class dues by the time voting closes will be invalid. Dues may be left at the Caf, or mailed to the Office of the Institute Committee, for W. H. Turner, Temporary Treasurer of the Class.

The revised list of candidates is as follows: for president, James F. Downey, Arthur S. Holt, T. Cushman Nathan, Frank S. Owen; for vice-president, R. H. Goldsmith, Alden W. Milne, Samuel Milliken, H. M. Noelke; secretary, Robert L. Turner, John W. Keller; for treasurer, Vaughn J. Cron, Alan L. Morse, John T. Pierce, Robert J. Thurston; for the Institute Committee (two persons): Waldo H. Brown, Norman P. Dana, Kenneth T. Ayville, Malcolm B. Lees, John Meloskey, Oliver A. Mills, John C. Nash, Edwin D. Ryer, Gerald Tattersfield, H. Taylor; for the Executive Committee (two members at large): Anson Amble, John C. Barker, Richard K. Gibson, Edward V. Jones, Philip B. Scuerby, Gordon Stewart, W. M. B. Freeman.

TECHNOLOGY MEN HEAR BILLY SUNDAY

Student Night at Tabernacle Brings Capacity Crowd—Many Colleges Represented—Sunday Speaks on "Forces That Win"

M. I. T. SENDS 1000 STUDENTS

Technology was well represented at the Sunday Tabernacle on Students' Night, when more than 1000 undergraduates wormed their way through the immense crowd. From 6 o'clock until 7 o'clock the different schools and colleges, among which were representations from Technology, Harvard, Tufts, Boston University, Wellesley, Jackson, Sargent School and Simmons, vied with each other in cheering. Many humorous incidents arose which amused the crowd and provoked much laughter.

When Mr. Sunday arrived a few minutes later Harvard cheered him as "Billy" and Tech followed with a regular M. I. T. with Sunday on the end. In his sermon "Forces That Win," Mr. Sunday referred to success in terms of blood, environment, "sand," education and "Christianity. Defining education where to get it, and know what to do with it after you get it."

Mr. Sunday held the interest of the 18,000 people assembled, consisting mostly of students, and the applause was loud and frequent. In a stirring appeal he asked the students to be true to the religious side of their characters and to make the best of the wonderful opportunities they enjoyed in the great schools and colleges of New England.

WINTER CREW TRAINING

Candidates for Managers of Boat Club Crew Meet Today

There will be a meeting of all the candidates for manager of the crew today at 1.05 o'clock in Room 4-408. At this time the appointments will be made as a result of the fall competition and plans for the winter will be announced. Every candidate is expected to be present at this meeting with a list of those of whom he has had charge.

Captain Deacon and Manager Littlefield of the club crew will prescribe the work for the managers and explain the results of the meeting with the Advisory Council on Athletics. A call is made for more freshman managers, as there is plenty of opportunity for the freshmen to get appointments on the staff of managers.

Crew men will be called out for work on the machines immediately after Thanksgiving Day, and until the ice has come and gone on the Charles indoor work with running will be the work for the athletes. The management plans to hold class crew races early in the fall, with occasional races with Harvard's club crews. A crew will be picked from the class crew races early during the spring. This club crew will represent the boat club, due to the objection of the Advisory Council to putting a Varsity crew on the river.

C. E. SOCIETY TRIP

Civil Engineers Visit Berger Instrument Co.

The Civil Engineering Society took another instructive trip last Friday when the members were shown through the plant of the Berger Instrument Co. by Mr. Berger, Jr. The first department that they visited was the lathe room where bronze castings were lathed down to their proper size and shape. The next place visited was the mould room where they saw the moulds made and then the molten metal poured into them. The men were then taken to the assembling room, where parts were assembled and the instruments were adjusted. The Berger Company makes only a few instruments each week, but each is accurate to the highest degree.

For those who were unable to take the trip Friday, another one will be conducted Wednesday. The party will meet in the "Morgue" in Building 1 at 2 o'clock. Announcements of other trips will be made later.



PROFESSOR W. A. WALKER

CALL FOR LYRICS

Prize and Free Tickets for Lyrics for Tech Show

The Tech show management has sent out a call for lyrics. Stage Director I. B. MacDaniel will meet all candidates in the contest in Room 1-150 at 5 o'clock, Wednesday, November 22, in order to give the candidates an idea of the plot and the kind of lyrics wanted. As in former years, tickets will be awarded to the writers whose lyrics are accepted, and in addition a prize of \$5 has been offered for the most original and the most unique lyric.

CLEOFAN RECEPTION

Cinderella Dance Feature of Entertainment

Cleofan held its first reception of the year when the society gave a dance last Saturday night in the Emma Rogers and Margaret Cheney rooms at the Institute. The dance lasted from 8 o'clock until 12, and was well attended by the fortunate Institute men whose privilege it was to be there. Mrs. Humphreys, Mrs. Burton and Miss Hyams were the chaperones. One of the features of the evening was a so-called Cinderella dance. In this dance each of the young ladies attending graciously surrendered one slipper which was placed in the group in the center of the room. The men then gathered in another section of the room and at a given signal rushed upon the group of slippers, after which the ones securing the footwear received a dance upon returning the same to its owner. A delegation of the M. I. T. student orchestra was present and furnished excellent music for the evening's entertainment. After the dancing in the Emma Rogers room refreshments were served in the Margaret Cheney room.

ALUMNI COMMITTEE SELLS BUCENTAUR

Sold to Cambridge Man, Who Will Convert It into a House Boat

The Bucentaur has been bought by Mr. William R. O'Leary, 12 Whitney Avenue, Cambridge. He bought it from the Alumni Committee with the purpose of converting it into a house boat.

Mr. O'Leary intended to tow the boat to the Cottage Farm Bridge and after it there. However, the vessel broke its moorings, during a squall some days ago, and drifted down the Charles to a place on the opposite bank, near the West Boston bridge. It is resting on the bottom there, in four feet of water.

The destruction of the vessel has been hastened by the raids of souvenir seekers. The sides of the vessel have been stripped to the bare boards, except for a small space in the stern, so that only a vestige of its former beauty remains.

The boat was supposed for two hours Saturday afternoon but it did not rise perceptibly. Mr. O'Leary will make another attempt to raise it. If the attempt fails he will either blow it up or sell it for the lumber.

MASTER'S COURSE IN CHEMICAL ENGINEERING

New School of Practice Offers Advantages Towards Development of "Potential" Engineer — Five Stations of Instruction

SCIENCE LINKED TO INDUSTRY

With the beginning of the school year 1916-17 a new course was installed at the Institute, which was heralded throughout the realm of scientific education as the most important step towards the training of a chemical engineer that has ever been made. The course as it appears in the catalogue is: "Chemical Engineering Practice," and occupied five years, three of which are identical for all students taking Chemical Engineering. At the end of the first term of the fourth year students who have shown by their previous efforts that they are fitted for a further course in study and research are eligible for the new School of Practice.

The work is then carried on in five different instruction centers established by the Institute. The class is divided, one section to a station, each group remaining at its respective station for a period of six weeks and then rotating to the next base of instruction. The work continues throughout the fourth year and well into the summer. The students then return to Cambridge for the fifth year's work. Degrees of Bachelor and Master of Science will be awarded upon the completion of the course, the Bachelor's degree bearing the date of the June of the preceding year.

The course as a whole has been aptly called the Master's Course in Chemical Engineering and was originated and

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FINANCE COMMITTEE DINNER

Few Activities Represented at Meeting in "Caf"

Last Friday evening the Finance Committee held a dinner in the "Caf." Mr. Whiting and Mr. Mattson of the Advisory Council were present. Many activities failed to send a treasurer to the meeting. The Architectural Engineering Society, the Chemical Society, the Naval Architectural Society, the T. C. A., and the classes of 1918, 1919, 1920 were not represented.

K. A. Clark '18 was elected the new secretary of the Finance Committee. A motion was passed to install a filing system in the new Institute committee room, 1-190, for each treasurer of the various associations. The treasurers, who have no office at present, may keep books in this room, thereby improving the efficiency of the activities. It was also voted to revise the present monthly report system and have a card system installed in order that the reports may be kept on file. The reports of the treasurers were discussed and the new men instructed in the method of keeping books.

THERE WILL BE A NEWS MEETING IN THE TECH OFFICE, ROOM 1-075, TODAY AT 1.05 P. M.

CALENDAR

- Monday, Nov. 20, 1916**
- 1.05 P. M.—Meeting of candidates for managers of crew, in room 4-108.
 - 4.00 P. M.—Professor Wickenden's Discussion group, Room 4-105.
 - 4.00 P. M.—Boxing Instructor meets students, Armory.
 - 4.30 P. M.—Ladies of George Arliss Company Tea, 415 Boylston street.
 - 5.00 P. M.—Combined Musical Club's meeting, Room 2-190.
- Tuesday, Nov. 21, 1916**
- 10.00 A. M.—Secretary Cushman of the T. C. A. talks to freshmen, Room 2-256.
 - 1.30 P. M.—Meeting of candidates for Soccer team, Room 2-132.
 - 4.00 P. M.—Mr. Kneeland's Discussion group, Room 2-132.
 - 7.00 P. M.—Professor Pearson's Readings, Room 2-290.