Dorms To Hold Dance, Party December 15

Tickets To Be Sold From 11-2 In Bldg. 10; V-12 To Get Liberty

Tickets for the coming Dorm and Christmas Party will be on sale Wednesday, November 29, in the lobby of Building 10. The tickets, priced at $4.80, tax included, will be on sale from 11:00 A.M. to 8:00 P.M. Dormitory residents may take their tickets in the dormitories on the preceding Monday and Tuesday evenings.

It has also been announced that the Navy students who wish to attend will be given special liberty on the preceding Monday and Tuesday evenings.

The special attractions of the dance will be the Christmas decorations, special lighting, and the name game; the lounge bar will also be open for the evening.

Debating Society Challenges Harvard

Browder And Murphy Represent Technology

This Saturday, Nov. 18, at 8:00 P.M., the M.I.T. Debating Society is sponsoring a debate against Harvard. Mr. E. Browder, 2-47, and Joseph Murphy, 2-47 will take the negative on the question:

Resolved: that the government build and maintain permanent control over those industries which it has acquired during the war.

Last Saturday the club lost a debate to Williams College. The debate was to have been held the next day, but B. U. was postponed and not later than December 2. Application blanks are available at the Office of the Dean of Students.

New Senior President To Be Elected Tuesday

The special elections for the president and vice-president for the Senior class are to be held next Tuesday, November 21. The polls in the lobby of Building 10 will be open from 8:30 A.M. to 5:00 P.M. The election was made necessary because the former president and vice-president, who were elected to office last October in the regular class elections, have both left the Institute.

The election will be conducted by the preferential ballot system. There will be no candidates on the ballot for the vice-presidency, since the man who receives the second largest number of votes in the balloting will automatically get that office.

Dr. Rabi, Member of Research Staff, Wins Nobel Prize In Nuclear Physics

Dr. Isidor I. Rabi, a member of the staff of the radiation laboratory at the Institute, has been awarded the Nobel Prize for his outstanding work on the nucleus of the atom. A large cash award comes with the prize.

Although he has not received the exact details of the award, Dr. Rabi knows that it was made for the progress he has made in advancing the knowledge of the nucleus of the atom. He has devoted his life to this type of research since 1931 and feels that an understanding of the forces of the nucleus may revolutionize our lives as completely as has electricity. Dr. Rabi declared that there was no background of science in his family.

Was On Columbia Faculty

Before entering the radiation laboratory, Dr. Rabi was a member of the faculty of Columbia University, doing teaching and research work. He came to the Institute with many other top-ranking scientists to attempt to beat the Nazis in the war of science. After the war is over, Dr. Rabi plans to return to his work on nuclear forces.

One of the achievements for which he was awarded the Nobel Prize is the invention of new methods for studying the nucleus of the atom; these methods are a million times as sensitive as those previously available. These methods make use of radio waves, and can be used to measure the motion, magnetic strength, and the shape and size of the nucleus. The results of experiments making use of them have been used to draw important conclusions as to the nature of the nuclear forces.

New Forces Are Still Mystery

The nature of these forces is one of the problems which has a great attraction for scientists today. These forces are very large but are quite different from electrical and magnetic forces in that they are much stronger and have a shorter range. The exact nature of these forces is still a mystery, however.

Dr. Rabi graduated from Cornell in 1919, engaged in graduate work there, and received his Ph.D. from Columbia.

Pres. Compton Discloses Institute's Extensive Plans For Postwar Development

Dormitory Comm. Officers Elected On November 13

Elections of officers and committee heads were held last Monday at the regular meeting of the Dormitory Committee in the basement of Ware Dormitory. Samuel Guman, 2-46, a newcomer to the committee, is now treasurer and T. Nicolas Berlage, Jr., 6-45, was re-elected to the Secretarial post. Committee chairmen are as follows: Athletic, John J. Vozella, 6-45; Information, Theodore R. Blakeslee H, 10-44; Burton Room, Robert L. Bryant 6-45; Tea, C. Homer Elliot, Jr., 6-45; Dinner, John S. Standish, 6-45; Freshman, Boni P. Martinez, 2-46.

6-45 NOMINEES

Kirk Drumheller
George E. Dvorak
George E. McKeeven, Jr.
Charles F. Street
Mary E. Sullivan

Official Notice

Spring Term applications for undergraduate scholarship and/or loan aid by members of the Class of 2-47 must be filed not later than December 2. Application blanks are available at the Office of the Dean of Students.

Inst. Comm. Meeting To Be Held Next Wed.

The meeting of the Institute Committee scheduled for next Thursday has been changed to 5:00 P.M. Wednesday, November 22, because of the Thanksgiving Day holiday. It will be held, as usual, in the Littlefield Lounge.
Development

Recognizing that the post-war years will impose new problems, President Karl T. Compton has announced a plan of development for the Institute. In it he has shown a realization that the existing facilities and program of the Institute, though among the best in the country, can still be improved to cope with what lies ahead. Perhaps the best thing about the plan is that its provisions have already been taken in hand and that the full development of the program awaits only the return of peace.

In including in his program a widespread expansion of housing facilities, Dr. Compton has taken a big step toward filling a need long felt about the Institute. The proposal to build new dormitories and operate them on the "house" plan will go a long way to alleviate the housing problem and to create a congenial atmosphere. In the construction of these new units, including the proposed new library, there is an opportunity to increase the beauty of the campus if the crowding together of these buildings is avoided.

In the academic field the proposals set out in Dr. Compton's report have also been excellent. New and better laboratory facilities will enable students to learn, in addition to fundamental principles, the new developments in their particular fields. Many developments will be made here at the Institute and can be taught, with the aid of the most modern facilities, directly to the students. This practice would enable the Institute to send its graduates out better equipped than ever before.
Returning Vets Lead Mermen
Russell Foust Back, Star Two Years Ago
With the first swimming meet this one week away, Coach Smith has arrived at work attempting to select a varsity squad from a gathering which includes only a half dozen veterans of last year's team. Although hard hit by graduation, the usual weeks, but it is still too early to make any predictions. They have a few exhibition games scheduled in the near future, which should help to polish them up for the season opener.

Tech Basketeers To Face Trinity On December 15
With the first basketball game scheduled with Trinity only four weeks away, Coach McCarthy is working hard to mold together a formidable M.I.T. basketball team.

The boys have been working out in Walker Gym every day for several weeks, but it is still too early to make any predictions. They have a few exhibition games scheduled in the near future, which should help to polish them up for the season opener.

Brown, Harvard Also Scheduled
The Trinity game will be played here on December 15, followed by a game with Tufts on December 20. Then the Tech quint journeys to Worcester to meet W. P. I. on January 6. Games are scheduled with Brown and Harvard later in January.

Squash Squad Begins Season
The squash squad, coached by Jack Summers has commenced practice in the squash courts behind the Alumni Swimming Pool with an excess of men turning out. Fifty V-12 candidates must be cut to twenty-five by the end of the week.

An "A" league has been organized consisting of the following teams: UBC Reds, UBC Whites, UBC Blues, Harvard Graduates, M. I. T., University Club. The "B" league will begin matches December 2.

First Scheduled Match
This weekend the following matches will be played off: UBC Reds at UBC Whites, Grads at University Club, and M. I. T. at UBC Blues. Three M. I. T. men, Pierce, Sonnehed, and Hewson will meet the Union Boat Club Blue team at their opponent's courts.

B. K. Round-Robin Starts Saturday
Elimination Tournament Play-off Of Five Teams
Postponed over the vacation, the Beaver Key Football Elimination Tournament was continued this week with six games played over the past week-end. These contests brought the schedule through the third round, and decided the teams entering the round-robin play-offs.

On Saturday, Sigma Delta and Phi, Gamma Delta entered the finals, the first by forfeit, and the other with a 12-0 victory over Phi Delta Theta. Sigma Alpha Epsilon defeated Sigma Chi on Sunday by 14-6, on two passes and a safety, while Delta Kappa Epsilon was taking the measure of a strong Phi Sigma Kappa outfit by a 13-0 score.

Play-Offs Saturday
The round-robin play-offs will begin on Saturday, with Phi Gamma Delta meeting Kappa Sigma, and Delta Kappa Epsilon playing Sigma Alpha Epsilon. Sunday contests schedule Phi Gamma Delta against Delta Kappa Epsilon, and Wood Dormitory against Kappa Sigma.

Post Office Jobs Available Dec. 1
All students are being informed that the U. S. Post Office in Boston has part-time positions open for them during the pre-Christmas rush starting on December 1, it was announced by P. N. Aborn, Secretary of the Student Employment Bureau.

The pay is $3.00 per hour, with a bonus for work between 6:00 P. M. and 6:00 A. M. Part-time schedules may be arranged to fit into the regular shifts.

Introduction cards should be obtained at the T.C.A. office in Walker, before students file applications at the Post Office.
Glee Club Sings At Longwood Towers

Concerts Are Planned With Colby, Wheelock

The Technology Glee Club will present its first concert of the season at 8:30 P. M. this Sunday evening at the Longwood Towers in Brookline. Under the direction of Mr. G. S. Dunham, the club will sing groups of songs including religious numbers and many in the lighter strain. Outstanding in the religious group are "Sheep May Safely Graze," a Cantata by Bach, and "Miserere mei Deus." Other pieces include "This is My Country," and "Brother Sing On" by Grieg.

Richard Davis, 2-47, will play several cello solos between the first and third groups of songs. And Arnold S. Judson, 2-46, will perform on the piano between the second and third groups of songs.

The Club is also rehearsing passages from Handel's Messiah, which it will sing when it journeys to Colby Junior College on December 2. Six days later, on December 8, the Glee Club will sing in Walker Memorial together with their guests, the Wheelock Junior College Glee Club.

Rev. McCorison To Speak At Hillel Society Meeting

Rev. J. L. McCorison, Jr., New England Director of the National Conference of Christians and Jews, will be the speaker at the first general meeting of the newly-formed Hillel Society. This meeting, which will be open to all students, will be held Tuesday afternoon, November 21, at 5:05 P. M. in Room 1-190. Rev. McCorison's subject will be "Minorities in America."

Along with the Hillel Societies of Harvard, Simmons, and Tufts, the Technology group is planning to sponsor a dance on Saturday, December 9, at the Hotel Kenmore. The dance which will start at 8:30 P. M. will feature Chappie Arnold's orchestra. The ticket sales are under the general supervision of Fred Bierhoff, 2-47.

The Hillel Society, which has replaced the now defunct Menorah Society, is at present under the leadership of an organizing committee headed by Marvin Sparrow, 2-46. An opportunity will be given to all Jewish students at Technology to join the organization at the November 21 meeting. As soon after that as is practicable, the society will hold elections and start functioning on a constitutional basis.

Square Dance To Be Held Sat.

This Sunday, the M.I.T. Outing Club is conducting a bicycling trip to Mt. Nobsott. A part of the group will cycle all the way out; the others will take the 10:21 train from South Station to Framingham and pedal from there.

Saturday evening, from 8:30 to 11:30, the Outing Club is holding a Square Dance in Memorial Hall, Harvard. Instruction will be available for beginners from 7:30 to 8:30. Tickets may be purchased for $1.25 at the Oouting Club office from 5:00 to 6:00 P. M. today, or from 11:00 to 12:00 A. M. on Saturday.

Dramashop Selects Play For Term's Presentation.

The Dramashop will hold its first meeting of the term at 5:00 P. M. on Thursday, November 21, in Room 2-178. Robert Connors, 2-46, general manager of the Dramashop, will preside over the meeting, and all old members and other students interested in any branch of dramatics are invited to attend. The general purpose of the meeting will be for the members to decide upon which play of seven already suggested by members should be presented.

A.I.E.E. To Resume Its Code Instruction Classes

The American Institute of Electrical Engineering will resume its code instruction classes on Monday, November 20, at 5:00 P. M. in Room 8-104. All those interested are invited to attend. If the demand is large enough, it may be possible to have another beginners section. Positions as instructors are available to anyone having former naval, commercial, or amateur experience.

Arrangements Made For Wheaton Dance

The Third Annual Wheaton Tech Dance will be held on Saturday, November 25, from 8:30 P. M. to 11:15 P. M., in Norton, Mass., as was announced by Harold Rosebach, 2-47, president of the T.C.A. and Freshman Cabinet. The dance is sponsored by the Wheaton Y.W.C.A and is free of charge; however, the train tickets to Wheaton, which may be purchased at the T.C.A. office in Walker, cost $1.25.

Students are instructed to make the train at 7:30 P. M. at South Station, or at 7:34 P. M. at Back Bay. All those who are interested should sign up at the T. C. A. office.

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