Sigma XI Chapter May Be Installed at the Institute

Petition to be Presented at Meeting of Honorary Committee

ENDORSED BY COMPTON

A petition seeking the establishment of a chapter of Sigma XI, honorary society for technically competent students, will be presented at the meeting of the chapter of Sigma XI at the Institute, for the purpose of securing the recognition of the chapter by the Institute. The petition is expected to be presented in a circular form in the near future.

In the past an attempt has been made by Sigma XI to secure membership at the Institute, but no success was achieved. It is expected that this attempt will be successful, and that the chapter will be installed at the Institute, thereby adding to the list of institutions where the chapter is established.

Sixteen Elected to Tau Beta Pi

Three Juniors Among Students to be Initiated into Honor Society

Sixteen newly elected members of Tau Beta Pi will be initiated into the honor society at the last meeting of the semester, at which time the members of the organization who are at school will be invited to attend. The Tau Beta Pi national honorary society, in its capacity as the national board of scholarship, established two new scholarships for outstanding students, both of which will be awarded by the Institute.

HOLD OPEN HOUSE IN E.E. DEPARTMENT

Dr. Van de Graaf Will Speak on New Generator

Open House in the Electrical Department will be held on Monday, December 15 in Walker Memorial Hall, from 1 to 3 o'clock. The new generator, which will be on display, is housed in a building of more than 3,000 square feet, which is necessary for satisfactory operation of the large space necessary for the generator. The generator is capable of producing a potential of 10,000,000 volts, which is the highest potential of any machine in the world.

Drama Show From "The Ivory Door," Given by Dramashop in Rogers Building This Week

The Drama Show from "The Ivory Door," given by the Dramashop in Rogers Building this week, will be on Monday, December 15, at 8 p.m.

ENGINEER HOCKEY TEAM OPENS SEASON WITH 1-0 VICTORY OVER B. U. SIX

Graphologist Is Feature at Dance

Dormitory Christmas Hop will Have Oriental Setting for Mystic

An oriental setting, with all the trappings and crystal glasses, will be the decorations for the formal dance at the dormitory Christmas hop to be held in the Grill Room of Walker Memorial Hall on December 15.

Good News for Williams to Beavers' Tally

Climbing Millican Features in Net; Defeat of Last Year's foe Avenged

THE PRINCETON OUTLET

In a game marked by Williams' brilliant goal tending and the steady play of the whole Engineer team, Williams' varsity hockey team opened its season this year against Boston University's varsity, 1-0, at the Engineers' Coliseum. This was last year's 1-0 defeat.

NEW MACHINE AT ROUND HILL FIRST SHOWN TO PUBLIC

Equipment Developer Potentially Valuable at Demonstration

"Static electricity has been re- studied by the Institute, but in the future it will play a greater role in industry and science," said Prof. Karl T. Compton at the first public demonstration of the new machine at Round Hill.

The potential of the new generator was demonstrated by Karl T. Compton at the meeting of the national chapter of Sigma XI at the Institute, which was held on December 15. The machine, which is capable of producing a potential of more than 1,000,000 volts, was demonstrated by the stage staff, who used the machine to produce artificial lightning. The still unused potential of the machine is estimated to be over 10,000,000 volts.

Charles W. Hall and Phyllis M. Needham to Star in Play This Week

Will Give Three Performances

Dramashop will present a new play, "The Ivory Door," by A. A. Miltne, this week. The play will be performed on Thursday, Friday and Saturday evenings, and is expected to draw a large audience. The play is a comedy, and is expected to be a great success.

HUNSAKER IS ON SPECIAL COMMITTEE OF HARMONIC TRACTIONS

Will be Treated From the Viewpoint of Engineering and Science

NEW COURSE IN VIBRATIONS WILL BE OFFERED STUDENTS NEXT SEMESTER

Will be Treated From the Viewpoint of Engineering and Science

A new course in vibrations will be offered students next semester. The course will be taught by Dr. Karl T. Compton, who is a leading authority on the subject.

Dr. Philip H. Dreisbach, head of the Mechanical Engineering Department, will be the chairman of the special committee on vibrations.

Dr. Milliken Features in Program for City Planner...
Glorious! Glorious! one keg of beer for the four of us
shouts and choruses will ring forth as the nation celebrates and ordinariness will return along with the invigorating, sparkling liquors according to the musical experts of the Tech, who mark the rhythm of two arts, dancing and music. But there is yet another little fellow who will make his appearance as the slumber increases. Who is this little fellow? Ask the harrased college Dean, or the policeman on the beat, or the social worker in the slum.

On the morning of the eventful night we do like to bring up such disturbing personality, yet the little fellow we all know by the name of excessive personal habits is sure to pop up with a sudden slumber which will startle the most hopeful believer in the permanence of a social custom. He, of course, has been forewarned by the Prophecy of gasolene, which is the sign that the end has come. As the curtain closed on the last performance, the following words were delivered by the Prophecy of Gasolene: "Today there are three thousand dollars per year necessary to support the gasolene habit. But, there. We could go on and on until the end of the world!"

As the Prophecy of Gasolene delivered its final sentence, a storm of applause broke out and the audience erupted in cheers. The Prophecy of Gasolene was applauded for its wisdom and insight into the true nature of the world. The audience was grateful for the Prophecy of Gasolene's guidance and looked forward to the next performance.

The morning after the performance, the audience gathered in the Dramashop to discuss the night's events. The audience was divided in their opinions, some felt that the performance was a failure, while others felt that it was a success. The audience was grateful for the opportunity to discuss their thoughts and ideas with others who shared their interest in the performing arts.

As the audience dispersed, the Prophecy of Gasolene was once again called upon to deliver its final sentence: "Today there are three thousand dollars per year necessary to support the gasolene habit. But, there. We could go on and on until the end of the world!"

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Sports Comment

It was with delight that we received the news that George Owen had been named by the Advisory Council on Athletics to coach the hockey team until Vic Duplin returns from an extended business trip to Georgia. Owen is a graduate of Harvard, and is probably one of the best athletes ever to graduate from that institution. While he has not collected as many trophies as his predecessor, Coach Tommy Rawson, he has been a member of the Boston Bruins' professional hockey team, where his ability to work in the defense was for several years one of the big features of the team. He will take over all of Duplin's duties until the latter returns, probably some time in January.

Indoor track practice has already started, and Oscar is putting the candidates through their paces in an effort to pick out the best men to represent Technology when the season really starts after the Christmas vacation. Beginning December 16, weekly handicap meets will be held, as has been the custom in the past. Nearly all of the veterans of last year's team will be back and will include in their number Captain Bill Bell, I. C. A. indoor sprint champion; Walter Mcdonald, St. Schwartz, Dick Jarrell, and Bob Sessa, members of last winter's relay team; from the freshman team of last year Stanley Johnson, Harry Hinault, Stan Birchard, and Ray Strossen are coming up; and from the cross country team of this fall there will be Merikish, Bob Dungey, Jack Tobbert, and Tom Jewett, heavy. This is by no means an exhaustive list, and from all indications be one of the best men Owen has. From these men Oscar will draw the main sources for the team which will compete in the Millrose Games, the B. A. A. Games, and the I. C. A. A. indoor Championships.

Tentative Boxing Lineup Announced

Final Selection Will be Made Three Days Before Harvard Meet

Although the final boxing team which is to compete with Harvard on December 15 has not yet been definitely chosen, Coach Tommy Rawson has drawn up a tentative lineup of boxers from which the final team will be chosen. The team consists of the outstanding boxers in each class at the present time. The final team will be chosen two or three days before the meet. Selection will be made on the basis of regularity of attendance, throwing ability, and physical condition.

The tentative list just quoted on the boxing gym bulletin board is as follows:

Goldsmith, 135; McDonald, 135; Carey, 135; Lax, 141; Malmstrom, 148; Collins, 175; Lucey, 198. This list is by no means final, as men will be added from those not now on the list, and substitutions will be made as needed from all indications be one of the best men Owen has. From these men Oscar will draw the main sources for the team which will compete in the Millrose Games, the B. A. A. Games, and the I. C. A. A. indoor Championships.

There is a lot in the way which psychology is applied to a team in any sport. The insights which we are about to refer to in basketball, soccer, and football are not necessarily applicable to a team in other sports, but the principles involved are common to all sports. The team is a group of individuals with different talents and abilities, and the coach must be able to understand the character and personality of each player, in order to work with him effectively. The coach must also understand the psychology of the game, in order to be able to communicate effectively with the players.

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By the use of long steel ovens drying machines of the most modern type—and by aging the leaf tobacco for 30 months—like wine is aged—Chesterfield tobacco is milder and maturer. Only pure cigarette paper—the best made—is used for Chesterfield. And to make sure that everything that goes into Chesterfield just right, expert chemists test all materials that are used in any way in the manufacture. Chesterfields are made and packed in clean, up-to-date factories, where the air is changed every 4½ minutes. The moisture-proof package, strapped in Du Pont’s No. 106 Celophane—"the best made—reaches you just as if you went by the factory door.

In a letter to us, an eminent scientist says: "Chesterfield Cigarettes are just as pure as the water you drink."

Chesterfield cigarettes are just as pure as the water you drink.© 1915, Liggett & Myers Tobacco Co.
Tuesday, December 5

BOWLING SEASON

Eight teams representing the sub-
urban Boston communities will com-
pete in the fourth annual Suburban
Bowling Leagues at 5:00 o'clock this
evening in the Walker Memorial
Game Room. There will be a match
every week, each team compet-
ing twice every week, each team compet-
ing twice every week.

COMMUTERS START I RADIO CLUB WILL HOLD OPEN HOUSE IN E.E. DEPARTMENT

(Continued from Page 1)
electrostatic generator used by Mr. C.
R. Magoun, head of the General Elec-
tronics Department, Harvard, will be
light. It will feature the first stu-
dents organized by the Technology
Branch of the American Institute of
Electrical Engineers, to be held this
Saturday. The convention in the first
of this kind to be held in New
England, in that it will be a student
convention, with papers presented
by students.

Dr. Van de Graaff will describe the
experiments at Round Hill, and will
discuss the applications and uses of
the giant generator.

Bold Open House in Laboratories Following this lecture the visitors,

Saturday, December 2

5:00-Medical Aptitude Test, Room 2-132.
5:00-Debating Society Meeting, Room 10-200.
5:00-Union Club Meeting, West Lounge, Walker Memorial.
6:00-Tau Beta Pi Initiation, Faculty Dining Room, Walker Memorial.
6:00-Graduate Hall Dinner Club Dinner, North Hall, Walker Memorial.
6:00-Bowling, "The Ivory Door," Commons Room, Rogers Building.
7:00-Debrites Basketball, Walker Gym and Hangar Gym.

Thursday, December 7

5:00-Liberal Club Meeting, Room 4-231.
5:00-Unity Club Meeting, West Lounge, Walker Memorial.
5:00-Freshman Class Officers Meeting, Room 2-136.
5:00-Debating Society Meeting, Room 3-330.
5:00-Christian Science Organization Meeting, Room 10-200.
3:00-Medical Aptitude Test, Room 2-132.

Thursday, December 11

7:30-Sigma Chi Fraternity Basketball Practice, Hangar Gym.
7:00-Rehearsal for "The Ivory Door," Commons Room.
5:00-Banjo Club Rehearsal, East Lounge, Walker Memorial.

Friday, December 12

7:00-Tau Beta Pi Dinner, Grill, Walker Memorial.
7:00-Rehearsal for "The Ivory Door," Commons Room, Rogers Building.
5:00-Unity Club Meeting, West Lounge, Walker Memorial.
5:00-Banjo Club Rehearsal, East Lounge, Walker Memorial.

Tuesday, December 19

5:00-Debating Society Meeting, Room 10-200.
5:00-Unity Club Meeting, West Lounge, Walker Memorial.
5:00-Freshman Class Officers Meeting, Room 2-136.
5:00-Debating Society Meeting, Room 3-330.
5:00-Christian Science Organization Meeting, Room 10-200.
3:00-Medical Aptitude Test, Room 2-132.

Tuesday, December 26

7:00-Tau Beta Pi Dinner, Grill, Walker Memorial.
7:00-Rehearsal for "The Ivory Door," Commons Room, Rogers Building.
5:00-Banjo Club Rehearsal, East Lounge, Walker Memorial.