

OFFICIAL BULLETINS OF GENERAL INTEREST

Aldred Lecture Mr. Philip H. Gadsden Friday, December 5, 3 P.M., Room 10-250

Mr. Philip H. Gadsden, Vice President of the United Gas Improvement Company, will deliver the first Aldred Lecture in the present series. The subject of his lecture will be "The Engineer's Responsibility to Society."

Open to seniors, graduate students and members of the instructing staff.

The Geometry of Linear Displacements Prof. J. A. Schouten Tuesday, December 9, 3:30 P.M., Room 4-270

Prof. J. A. Schouten of the Technische Hoogeschool, Delft, Holland, visiting professor on the Rockefeller Foundation, will give a lecture on "The Geometry of Linear Displacements."

Open to students and members of the instructing staff.

Precise Measurement of Air Flow Dr. Sanford A. Moss Tuesday, December 9, 4 P.M., Room 5-134

Dr. Sanford A. Moss of the Thomson Research Laboratory, General Electric Company, Lynn, will give a series of lectures on "Precise Measurement of Air Flow" under the auspices of the Aeronautical Engineering Department. The subject of the first lecture will be "Problems of Measurement of Flow of Air, Gases and Steam."

Open to students and members of the instructing staff.

Various Phases of Modern Atomic Theory Prof. P. Scherrer Wednesday, December 10, 4 P.M., Room 10-275

Prof. P. Scherrer, of the Technische Hochschule, Zurich, Switzerland, will give an experimental lecture on various phases of modern atomic theory.

Open to students and members of the instructing staff.

CALENDAR

Friday, December 5

4:00 P.M.—American Society of Mechanical Engineers meeting, room 5-330.

5:00-6:00 P.M.—Banjo Club rehearsal, East Lounge, Walker.

6:30 P.M.—American Society of Steel Treathers dinner meeting, North Hall, Walker.

8:00-11:00 P.M.—Chess team contest, Faculty dining room, Walker.

3:00 P.M.—Aldred Lecture, room 10-250.

8:15 P.M.—Dramashop play, "Marriage," Commons Room, Rogers Building.

Saturday, December 6

8:00 P.M.—Basketball game with Newport Naval Academy, Hangar Gym.

7:00-12:00 P.M.—Chinese Student's Club dance, North Hall, Walker.

9:30-1:00 A.M.—Beaver Key dance, Main Hall, Walker.

8:15 P.M.—"Marriage," Dramashop play, Rogers Building.

Monday, December 8

5:00-6:00 P.M.—Instrumental Club rehearsal, East Lounge, Walker.

UNDERGRADUATE

Infirmary List

The following men are confined to the Homberg Memorial Infirmary:
Edward L. Bateman, Jr., '33.
T. S. Chan, Summer Session.
John M. Flaitz, '33.
Emerson Horne, '33.
Almon S. Parker, '33.
Abner Stodder, Emp.

Y. W. C. A. DANCE

Men wishing to attend the dances Saturday nights at the Boston Y. W. C. A. should sign up in the T. C. A. office, in order to obtain a card of introduction.

INSTRUMENTAL CLUB TO BEGIN CONCERT

Xylophone Selection Features Musical Clubs Program

Announcing the program for the Christmas Concert, the Combined Musical Clubs will have a varied selection of numbers ranging from popular to classical. The Instrumental Club, the Banjo Club, the Glee Club and the Technicians will play during the evening, the Technicians playing in the concert and for the dancing which will follow.

To take place on the evening of Friday, December 12, the annual Christmas Concert of the Combined Musical Clubs will last until 10:30 o'clock, followed by dancing until 2 o'clock. It will be held in the Main Hall of Walker Memorial, and the lounge in the New Dormitories will be open until 2:30 o'clock for the exclusive use of those attending the dance.

At midnight there will be an intermission for refreshments. Private tables are now being reserved for the various fraternities. It is requested that those organizations wishing to secure tables do so before the 12th of December.

During the evening all members of the Musical Clubs will wear cardinal and gray ribbons. Ticket sales will continue from 12 o'clock until 2 o'clock in the Main Lobby and in the T. C. A. office every day. They may also be secured at the Combined Musical Clubs office in room 303 of Walker Memorial at 5 o'clock and at any time from any member of the Musical Clubs. The cost of the tickets, which includes the cost of refreshments, is \$4 per couple and \$3 for a stag.

One of the new rules on the University of Omaha campus is that all students under eighteen years of age will be locked up if found on the streets after 9 o'clock.

Chess Team Here Plays With New York Grad

When Harry L. Boehner '30 graduated and left Cambridge to live in New York, he missed his occasional game of chess which he enjoyed while a member of the chess team here. However, the situation has now been solved and Boehner enjoys his chess game as much as ever, by means of a unique method.

A game is started between Boehner and some member of the chess team here by letter, and then each successive move is sent through the mails. By this method the game lasts several months and requires a large number of postage stamps, but time and money are no barrier to true chess enthusiasts.

Mathematics Is Beautiful, Says Noted Professor

Half a Million People in the Country Have Knowledge Of Calculus

"Mathematics is extremely beautiful," declared Professor Edward V. Huntington of the Department of Mathematics at Harvard University in a radio address. "The beauty of a mathematical result is the fundamental motive for its pursuit." So popular has the study of higher mathematics grown as to be "positively fashionable" said the professor, while talking from station WEAF.

Calculus has been studied by probably half a million people throughout the country, and there are as many more who "appreciate how valuable a knowledge of the calculus would be if they had it," he stated. The report of his speech in the Boston Herald gives the fact that Harvard, mostly freshmen, elect a course in this branch of mathematics every year.

Commenting on the manner in which mathematics plays a part in various other sciences, Professor Huntington referred particularly to its relation to long distance communication, where it has greatly increased the distance the voice can be carried over a wire of given size. "The development of the radio itself has been directly dependent on mathematical-physical researches of the most advanced sort," said he.

"Moreover, chemistry, biology, geology and even economics are coming more and more to realize that the rate of progress in these fields is directly proportional to the amount of mathematics they use." The first reason for the changed attitude towards higher mathematics is the enormous extension of its usefulness in practical human affairs. The second reason is more vital and powerful. Mathematics is not only useful, it is extremely beautiful. Every creative mathematician is essentially a creative artist.

CAPACITY AUDIENCE SEES RUSSIAN PLAY

(Continued from Page One) same time, and that both the prospective bride and groom have difficulty in making up their minds when the crucial moment arrives—all make the business more interesting.

As the undecided bachelor, the palm probably goes to Joseph C. Noyes, '31, for acting a fairly difficult part in a convincing manner. Sharing honors with him are Miss Eleanor Dowling, who acts the part of the old matchmaker; Theodore B. Spruill, '31, in the part of the ingenious and volatile friend, and Miss Christine Fairchild, as the trembling and trusting bride. The little soliloquy of Louis P. Evans, '31, the retired naval officer who has been turned down, is another particularly bright spot in the performance.

CHESS TEAM HAS SKILFUL PLAYERS

United States Champion Has Been Defeated and Tied By Team Members

One of their members having already defeated the United States champion and another having tied him, the Chess Team is looking forward to a successful season this year. They have already defeated Harvard once and tied the City Club of Boston. They were unsuccessful in their other two matches, losing to Harvard in their return encounter, and to Wells.

Professor Franklin of the Mathematics department is the team member who defeated Frank Marshall, the United States Champion, in Boston last month. As a result of this victory, Professor Franklin has been ranked among the best players in the country. Henry J. Weidner '34 is the man who tied the champion, and who promises to be one of the mainstays of the team. Captain Frank W. Speir '32 is the problem champion of New England, having won this title last year.

TWO SQUASH GAMES AT ENGINEER COURTS

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plays at the Union Boat Club and the D squad goes to Country Day School. Both games are scheduled for 2:30 o'clock.

Teams for Saturday's matches were picked by Coach Jack Summers on their past performances. The positions are by no means permanent ones and there will probably be several changes in the teams by the time of their next matches. In the future positions will be determined by a bumper list. A list of rankings will be posted during the next week. After that any man may challenge any man above him on the list. If he wins the match from the man ranking above him, the two exchange places on the list. Then before a match the high men on the bumper list will play that match.

The men named to play on Saturday are as follows:

Varsity C: Phil Bourne, Q. Garcia, W. V. Fitch, Glenn Goodhand, and Larry de Give.

Varsity D: M. Garcia, T. B. Spruill, W. V. Jones, John Weeks, Gus Martin, Red Payne, and N. Harris.

Freshman D: John Wood, G. K. Martin, J. P. Eder, Dick Seabury, C. Beaubien, and Jean Raymond.

Faculty-Graduate D: B. Calvert, Prof. Woodruff, W. H. Gale, Theodore Green, W. Schoefeld, and S. Williams.

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Alarm Clocks Play New Role In Dormitories

Technology men have developed into scientists of the more practical sort, especially those living in the Dormitories. Due to long hours of studying every night, it is the desirable thing to sleep as late as possible every morning without being disturbed. Since a cold room usually awaits a Dorm man when he arises, various schemes have been devised to remedy this evil.

One student in the New Dormitories has solved the problem by using his alarm clock to perform the task of turning on the heat and closing the window a half an hour before rising time. The clock trips a large weight, which in turn pulls down the window and turns on the radiator; so that, a half hour later, a warm room awaits the late riser. This man then has no fear of being late to his first class because of a hesitation to leave a warm bed for a cold room.

BEAVER FIVE OPENS WITH NAVAL TEAM

(Continued from Page One)

ter nevertheless. Sysko and Coffey will be at the guards. Stockwell will also be at guard during the game. The team looks stronger with the two cripples, Motler and Dickinson back in the lineup, and should make a favorable showing.

Dance in Walker

After the game, the Main Hall of Walker will see all the action. Tickets for the dance will be seventy-five cents, and can be secured either at the door of the Hangar or Walker, or during the day from the Bursar's office, the basketball management, or a member of the Beaver Key Society.

An ancient pair of Egyptian dice, dating from Cleopatra's day, have been received by the Chicago Field Museum.

Three American universities—Columbia, California, and Chicago—have been honored by the allied armies veterans of the World War for "distinguished accomplishments in the cause of peace."

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