

TODAY'S ALDRED LECTURER WILL BE DR. MODJESKI

Topic Is "Some Special Problems
in Bridge Design and
Construction"

**SPEAKER A PROMINENT
AMERICAN ENGINEER**

**Has Devoted His Life to the
Design and Construction
of Bridges**

One of the most prominent bridge engineers in the country, Dr. Ralph Modjeski, will give the Aldred Lecture today in 10-250 at 3 o'clock. His topic will be "Some Special Problems in Bridge Design and Construction," and he will tell of his life's work in constructing new bridges to meet various demands and of rebuilding older ones for the greatly increased traffic. How bridges carrying railroad, trolley, and vehicle traffic are moved and rebuilt without delaying the traffic will also be described.

Rock Island Bridge

Since graduating from the Government College, "Ecole des Ponts et Chaussees," in Paris, France, Dr. Modjeski has devoted his life to bridge design and construction. He first was associated with G. S. Morrison, a civil engineer, and worked with him on the construction of the Union Pacific Bridge at Omaha, Nebraska, and later as chief draftsman in Morrison's office. While there he designed the Mississippi River Bridge at Memphis. Early in 1893 he opened an office in Chicago as a civil engineer in independent practice. The first large bridge which Dr. Modjeski designed and constructed was the government bridge at Rock Island, Illinois, a double-track railway and highway structure. This was followed by the reconstruction of the Bismarck

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CORP. XV OFFERS REMARKABLE TRIP

**This Year's Annual Tour Includes
Visit to New York and
Bridgeport**

With two important cities on the itinerary, Corporation XV has its tour plans ready for the third annual trip and the tour committee will hold its sign-up campaign next Monday. Approximately 40 men took the trip last year.

Leaving Boston on Wednesday night, March 12, the party will take a special Pullman on the Boston and Albany road to Bridgeport and, from there, proceed to New York where they will disband Saturday night. The following program which the committee believes to be better than those of the previous years has been offered to those taking the trip.

Visit Lord and Taylor's

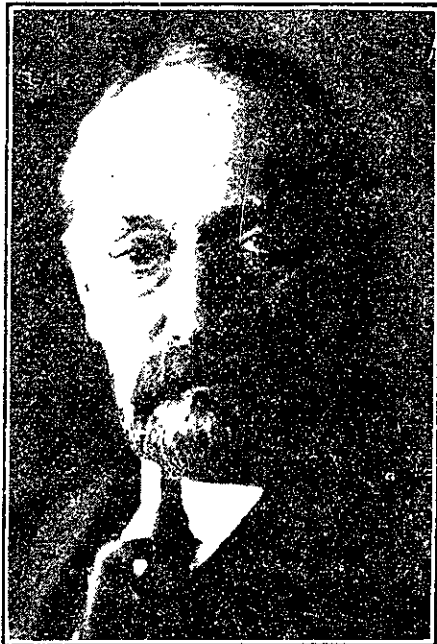
At Bridgeport the party will visit the Bullard Machine Tool Company during the afternoon of Thursday with a special luncheon at noon with the officials of the company. Friday noon after an inspection of the fabricating division of the Bridgeport Brass Company the car will leave New York on the New Haven line.

On arriving in New York the itinerary provides a visit to Lord and Taylor's, a large commercial firm of the city, with a dinner at the Technology Club following in the evening. Headquarters will be at the Hotel Commodore during the stay in New York.

Saturday the party will visit in the morning J. Walter Thompson Company, commercial advertisers, and Grand Central Terminal; with a luncheon at the United Electric Light Company at which Dr. Stratton and several members of the faculty will be present. Following an inspection of the new Hell Gate Power Station, the group will disband at the Hotel Commodore.

A limit of 35 men has been set by Corporation XV for this year's trip. In order to obtain a sign-up, a deposit of ten dollars is required. The total cost of the trip amounts to nearly 25 dollars.

TODAY'S LECTURER



Dr. Ralph Modjeski

VALENTINE PARTY DRAWS BIG CROWD

**Over 250 Gay Couples Dance
At Party Which Lasts
Until 2 A.M.**

In a gayly decorated Main Hall, the Seniors celebrated Saint Valentine's birthday last night from 9 until 2 this morning. Over 250 couples helped to make a lively scene.

The Musical Clubs' Dance Orchestra furnished the music, giving several new selections as promised. Refreshments were served by the Walker Memorial Dining Service and the diners were allowed to eat in the balconies, enabling them to eat and watch the dancers at the same time.

Takes Place of Free for All

Decorations, which were executed by the committee in charge of the decorations, abounded in hearts of all sizes from small ones to those of six feet in height and five feet in width. The balconies were decorated with red hearts pasted on grey paper and red streamers emanating from the columns and going towards the center. Large hearts covered the ceiling lights.

No dance orders were distributed in spite of the dance being formal, thus allowing for an easier condition for cutting in as it was the purpose of the committee to make this a get-together affair for the fourth year men.

Mrs. P. H. Ottosen, Mrs. R. P. Bigelow, Mrs. H. S. Ford, Mrs. W. M. Ross, and Mrs. L. M. Passano acted as chaperones while the officers of the Junior Class officiated as ushers. This dance takes the place of the Senior "Free for All" which was held in place of this party last year.

WALKER AGAIN SCENE OF VALENTINE PARTY

**Billy Lossez's Orchestra to
Play—400 Tickets Out**

The hours of the Junior Class Valentine Dance have been definitely set for 8 to 12 o'clock. Billy Lossez, with eight of his musicians, will furnish the music. Over 400 tickets have already been given out.

Everything at the party will be free except the refreshments which will be served by the Walker Memorial Dining Service in cafeteria style. Anyone who wishes to, may take his refreshments on to the balconies and watch the festivities as he eats. The refreshments are to consist of coffee, sandwiches, ice cream, and cake.

Tickets may be obtained by Juniors, who have not secured them beforehand, at the door. The party will be informal and the committee still extends invitations to all Juniors.

The main hall is to be decorated in colors and design appropriate to Saint Valentine's day with hearts, and streamers from one end of the hall to the other. This dance, which the Juniors hope to make an annual event, is to be run on a basis similar to the Senior "Free for All."

The chaperons are Mrs. R. P. Bigelow, Mrs. H. S. Ford, Mrs. L. M. Passano, and Mrs. P. H. Ottosen. The ushers will be the class officers and the members of the Walker Memorial Committee.

CREW WEEK ENDS WITH INTENSIVE DRIVE TOMORROW

**Special Effort Will Be Made
To Get More Freshmen
Out For Sport**

**HAINES SPEAKS BEFORE
CLASSES ON CREW WORK**

With over 120 new men enrolled in their ranks, crew enthusiasts are willing to call Crew Week so far a success. Today and tomorrow, however, the rowers plan as days of active campaigning in order to wind up the week with a bang.

The booths in Walker will be surrounded by cordons of cardinal and grey buttons that the last minute flow of prospective crew men may be taken care of. The phrase "Cruise through Main Lobby" seems to have been well heeded, and more men are out for the sport now than ever before. No opportunities to obtain new men have been missed; Bill Haines addressed the Sophomores before the Military movies last night, and either he or another member of the coaching staff has addressed all of the classes.

"Get That Frosh"

More attention will probably be paid the freshmen than any of the other classes these last few days. The cubs this year will be able to present a formidable aggregation with the men out now, but Bill Haines is after men with more weight. A goal of 40 more first-year students has been set.

This is the last call for crew before the men go to work in earnest on the machines, mastering the technique of the new stroke that Bill Haines is teaching them. A separate school for coxswains is being formed, and the diminutive will have a chance to abandon the chess team and enter upon a career at the boat-house.

CAPSTONE OF NEW DORMS LAID SOON

**As Soon as Weather Permits
All Outside Work Will
Be Finished**

Practically all outside work on the new dormitories is now finished. With two or three days of fair weather the capstone can be laid and the brickwork given its final acid washing. Inside work is also progressing rapidly. The rooms have been laid out as they will appear and the lathes placed on the partitions. Plastering is finished on the ground floor and well under way on the second floor. The new unit, called the '95 dorms, will be ready for occupancy by the beginning of summer school and will be opened then if the trade demands it.

The new dormitory has many features which the old one has not. There is more floor space per man, more closet space, and running water in each room. The walls are arranged so that paintings may be hung on them without damage, and have picture molding so that pictures may be conveniently hung. Furniture has already been ordered for the unit. It will be substantially the same as that in the old dormitories.

In view of the superior facilities, prices will be somewhat higher in the new dorms than in the old. Prices for rooms in all dormitories are determined by four factors: Floor space, exposure, lavatories, and the floor location. Rooms on the second floor cost slightly more than the others. The first and third floors are rated about the same while rooms on the fourth and fifth floors are cheaper. The rooms are priced at from \$160 to \$220 per man for 38 weeks.

DR. TYLER WILL SPEAK TO M. I. T. MATH CLUB

Professor H. W. Tyler '84 will speak on "Mathematical Magic" at the M. I. T. Math Club meeting Tuesday evening at 8 o'clock in the Faculty and Alumni room in Walker Memorial. Everybody is invited.

Professor and Mrs. Tyler are planning an auto tour of Europe on which they will start in the near future and this will probably be Professor Tyler's last student appearance before leaving for Europe.

CIVIL ENGINEERS TO BE IN JOINT MEETING

**Buffet Supper and Entertainment
Scheduled for Smoker**

The next meeting of the Technology student chapter of the American Society of Civil Engineers will be held on Wednesday, February 20, in the Society rooms of the Boston Society of Civil Engineers in Tremont Temple. The meeting will be held in conjunction with student chapters from Harvard, Tufts, and Northeastern.

There will be a buffet supper at 6 o'clock for which a charge of twenty-five cents will be made. Following the supper A. V. Greaves '24 and L. B. Feagin '24, accompanied by G. C. Bradshaw 'G', all of the Musical Clubs will give some popular selections. Mr. Allen Hazen, and Mr. Whipple of New York will speak at the meeting.

The Technology chapter is the largest student chapter in the organization, and a large turnout is expected by the officers of the Society. The meeting Wednesday, besides being well worth while will afford a splendid opportunity to meet many of the prominent engineers of Boston and vicinity.

PROM PLANS FAST NEAR COMPLETION

**Cards To Be Sent Out For Men
To Designate Seating
Preference**

Arrangements for the Junior Prom are progressing rapidly, with final plans for the sign-up sale made and other details decided upon. As already announced, the sign-ups will be on sale for members of the Junior class on the third of March, for Seniors on the fourth, and for the other two classes on the fifth. The price will be \$5. Positively no sign-ups will be sold after March 5, and the limit of the number attending the affair will be 500. Upon the redemption of the sign-ups, invitations will be distributed, with which admission cards will be enclosed.

Straighten Out Statement

In order to make it possible for fraternity men and their guests, as well as other groups of those attending, to get together at the dinner, the committee has arranged that cards be given out when the sign-ups are purchased, on which the men may state their seating preference for the dinner. These cards must all be returned by March 15. At the dinner, the guests are to be arranged five couples at a table. There will be 100 tables.

The Prom Committee wishes to straighten out a statement made in a previous issue to the effect that no cut in prices of tickets will be made to couples who go to a show before coming to the Prom. According to custom, men who were acting in Tech Show or otherwise engaged with the production were allowed reduced rates on their tickets, since they were unable to come to the Prom till after the show. This custom will not be continued this year.

BORING BUG DAMAGES WALLS OF INSTITUTE

"The Institute is infested with a new insect pest, a kind of boring bug," declared Major Smith, Superintendent of Buildings and Power, yesterday. For several weeks traces of this pest, consisting of groups of little holes bored into the plaster, have been found on the walls throughout the buildings and especially in the telephone booths near the elevator landings. The Institute Steadily Steve believes that one man with an over nervous or ambitious pen knife has been whirling away the weary hours when waiting for central or the Institute freight train by inflicting this punishment on the helpless wall. He has certainly done a complete job for the holes penetrate clean through the plaster to the lathes. As all the holes are at the same height from the ground and of about the same size one man is held responsible for the damage. If anyone knows a disinfectant or exterminator which will prove successful in eradicating this pest, Major Smith would greatly appreciate his calling at the Superintendent's Office.

MANY ENGINEERS ENTERED IN A.A.U. EVENTS TONIGHT

**Technology Track Men Compete
Against a Host of Star
Entrees**

**BLODGETT IN HURDLES
SECURED NEW RECORD**

**Six Runs and High Jump, Weights
and Hurdles Scheduled
for Team**

Technology will be well represented in the New England A.A.U. Championships to be held tomorrow night at Mechanics Hall, as Coach Connor has entered men in nine of the events. Of the nine events, six are runs with the distance varying from 40 to 6000 yards; the other three events are the hurdles, high jump, and 55 lb. weight.

The track house has been the scene of much activity for the last two weeks, as time trials and practice races have been held by Coach Connor frequently to determine the rating of the track men. The results of these trials have been gratifying, as two of the Technology records have been broken up to date. Blodgett clipped 1-5 of a second from the high hurdles record, and Glantzberg consistently has broken the freshmen shot put record.

In the A.A.U. championships tomorrow night Blodgett is the only Engineer entered in the 45 yard hurdles, as Captain Ambach is to run in the 600 or the 1000. Blodgett has been showing constant improvement in his practices lately, as his breaking of the Technology record testifies. However, he will run up against some pretty stiff competition tomorrow and will have to put forth his best effort in order to be among the leaders.

Many Entered in 600

Russ Ambach will have plenty of company in the 600 yard run if the entry lists can be used to determine who will finally enter. Howlett, Symonds, Phelps, and K. A. Smith have signified their intentions of running. Symonds has been coming along in great shape in the practices for the last week or so. Coach Connor ran off a three-fourth mile trial Saturday with Rick, Keplinger, and Symonds competing. It was a nip and tuck race from the start, with Rick holding to little advantage most of the time, and crossing the finish line just ahead of Symonds, Keplinger being a close third.

The entries in the 1000 yard run are largely a repetition of those of the 600 with Grossman and Preston added.

The half mile event and the 600 yard run will have only one Technology entry.

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CO-DESIGNER OF ZR-1 TO ADDRESS AERONAUTS

**Speaker at Aero Smoker Was on
Runaway ZR-1**

C. P. Burgess, who recently arrived at the Institute to assume his duties as instructor in dirigible design, will give a talk at the Aeronautical Society smoker to be held Monday in room 5-330 at 8 o'clock. A first hand account of the runaway flight of the ZR-1 will be given by Mr. Burgess, who was on the big air-ship at the time.

In his discussion, which will be illustrated by motion pictures and lantern slides, Mr. Burgess will describe the design of the ZR-1 of which he was one of the co-designers, and also the details in the operation of the large air-ship. A newly designed pin, which has been adopted by the Aeronautical Society, will be available at the smoker.

CALENDAR

Friday, February 15
7:00—Aldred Lecture, room 10-250.
8:15—Bible Study Group, 401 Beacon Street.
Monday, February 18
8:00—Joint meeting of Emerson College and Institute Menorah Societies, north hall, Walker.
8:00—Aero Society smoker, room 5-330.
Tuesday, February 19
8:00—Math Club meeting, Faculty and Alumni room, Walker.
Wednesday, February 20
6:30—Tau Beta Pi smoker, north hall, Walker.
Friday, February 21
9:00—Dorm Dance, main hall, Walker.