ELECTRICALS HOLD AFTERNOON MEETING

Mr. H. M. Edmunds of London Tells of Electrification of Railroads.

Yesterday afternoon Mr. H. M. Edmunds, '95, addressed the Electrical Engineering Society on the "Electrification of the London, Brighton and South Coast Railroads." The talk was illustrated by blackboard sketches and lantern slides.

Mr. Edmunds gave a detailed explanation of the new Winter-Kieselberg single phase motor, and of the new trolley structure. He told how the difficulties of ground currents and low bridges were overcome, and how a resonant shaft had to be introduced to control the telephone apparatus. A number of safeguards had to be installed for the protection of passengers and employees from the electric current. One of the most interesting of these was the means of switching the engines so that they could not be reached unless the trolley was off the line. Another safety device was one which protected the regular men by opening a switch which could not be closed unless the man was out of danger.

Mr. Edmunds concluded by outlining some of the legal regulations in England and Canada with reference to electrical construction which are different from those in this country.

CATHOLIC MEETING.

The Catholic Club will meet this evening at 6 o'clock in the Union. The meeting will be addressed by Judge Michael J. Murray.

Judge Murray is on the Municipal Court Circuit and has been a well known figure in the political issues of this State. He is a good speaker and the club feels that by securing him for his lecture there will be a large attendance. Last year the club failed in securing his services as a speaker.

The dance committee, which represents the leaders of the club, both from a financial and social point of view, will submit a report which will be of interest to all members.

ELECTRICALS' TRIP.

Nine members of the Electrical Engineering Society are going to the yards of the Fore River Shipbuilding Company this afternoon to see some materials for ships being prepared. The party will visit the East River Library at 1:45 o'clock, so that they may take the 3:15 train from the South Station for Quincy, where they will spend about twenty more men in the party there is a chance for some of those who have not signed for the trip to go with the Electricals.

C. E. MEETING TODAY.

This afternoon, at 4:05 o'clock, in 11 Engineering B, Mr. Frederick H. Faye will give his course "Some Legal Phases of Engineering."

One of the tables in the Union Dining Room vibrates in union with the Curtis turbine.

SHOW PRINCIPALS PICKED YESTERDAY

Many Experienced Men Secure Leading Parts in the Tech Show.

Yesterday afternoon Coach Ranger made the final selection of the principals of "Castles in Spain." The show brought out about thirty candidates for each position, and the choice was correspondingly difficult. The presence of so many experienced men ought to help the show surpass any record for brilliancy as well as that any show has yet attained.

A list of the men chosen, with the number of years that each has been associated with the show, follows:

Betty A. D. Hiller, second year with Show.
Floretta J. Isaccs, second year with Show.
Thylies--G. B. Ott, first year with Show.
Mrs. Phillips--E. G. Bown, fourth year with Show.
Mrs. Phipps--W. F. Paige, third year with Show.
Rand--J. M. Hastings, second year with Show.
Jones--R. N. Dohle, third year with Show.
Smith--J. R. Selbrige, second year with Show.
Miguel--L. De Prevoir, second year with Show.
Boehlo--D. P. Spencer, first year with Show.
Rodriguez--G. A. Swenson, first year with Show.
Don Juan--K. C. Robinson, first year with Show.
Gaspar--V. C. Scudder, second year with Show.
Captain of the Guard--R. D. Salisbury, second year with Show.

COLOR PHOTOGRAPHY.

Prof. Deer to Lecture Thursday Before Society of Arts.

On Thursday evening, March 7, at 4 o'clock, the Society of Arts will hold in Huntington Hall what will probably be the last lecture of its present successful season. Professor Deer of the Physics department of the Institute will deliver an illustrated lecture on "Color Photography."

In this lecture Professor Deer will trace the development of photography in natural colors from the early inventions of Fox, Maundenoff, and others down to the latest screen-printing methods. This will include a description of the Lumiere process and also the recent Kinemacolor process of projecting pictures in natural colors.

The merits and limitations of the different processes will be shown and various illuminations in color will be thrown on the screen, chiefly from the Institute's own rare collection of natural color slides. The details in the production of pictures in natural colors are the most remarkable and delicate in modern photography, and a public address of this kind presents a rare opportunity for those interested in the subject.

His lecture will be open to the public.

ARCHITECTURE FROM BUSINESS STANDPOINT.

Mr. C. H. Blackall to Address the Architectural Society This Evening.

The meeting of the Architectural Society, scheduled for Wednesday evening, March 6, will be of special interest. It will be held in 42 Pierce, and in addition to the regular speaker, the meeting is to be addressed by one of Boston's most noted architects, Mr. C. H. Blackall.

The subject of Mr. Blackall's talk is "Architecture in Business," and since a talk on the same subject before the Economic Society of Harvard had a decided success, all architects will probably find that their time has been profitably spent when they attend this meeting.

The architect is to deal with the economic side of architecture rather than the more usual side, the article.

Mr. Blackall has expended most of his energies in the designing of theatres, and the Colonial Theatre was built by him. Besides this building near home he has erected many other public buildings, from which he has gained much valuable experience. He, no doubt, will speak of some of these engineering problems which he has had to solve.

MUSICAL CLUBS.

Another Concert at Melrose This Evening.

The Musical clubs are to hold an other concert at Melrose this evening, this one to be followed by a similar one in April.

The affair is under the management of the group of clubs, composed of about two hundred and fifty young people, so that there is nothing to be said except that the concert is to take care of the necessary intersections and that everybody is freely invited to appear.

The members will be held in the North Station, "Track 8," five minutes past seven, and, as usual, will be provided with a special car.

WIRELESS SOCIETY.

Today, at 1:20 o'clock, an important meeting of the Wireless Society will be held in the wireless room of the society in the corner of the Electrical Lab, in Lowell. It is requested that every member of the society be present at the meeting as a matter of courtesy to all of the members who is to be decided on.

SENIOR PORTFOLIO.

At a meeting of the Senior Portfolio Committee at the Technology Club this afternoon it was decided to accept the contract for printing to the University Press. The pictures are to be technically done and are now at the engraver's. The committee hopes that all proofs may be returned to the photographer as soon as possible.

The books will be mailed after the close of 1909, with some minor changes. They will be out by May 10.

PLAN UNDER WAY TO FORM GOLF TEAM.

Meeting Will Be Held Friday to Elect Officers and Start Work.

The first meeting of the new golf team will be held in Rogers 21, Friday noon, at 1 o'clock. Many of the professors who have been interviewed in regard to the formation of the club are greatly in favor of it and will give all the help that they can. It will be a new sport for the Curry men and will be a fine game for the boys to learn.

The subject of talk by Mr. Hogue to Architectural Engineers.

On Friday evening, March 8, at 8 o'clock, the Architectural Engineering Society will hold a regular meeting in 42 Pierce, at which it is intended to hold a talk on "Re-enforced Concrete." Tickets will be at the discretion of the officers of the society.

The subject is one of especial interest just as present in concrete is becoming one of the most important materials in almost every branch of construction work. Mr. Hogue was a graduate of the first class to take the engineering option of Course 4, and has been following that line of work ever since. In later years he has specialized on re-enforced concrete construction, and is associated with the New England Concrete Construction Company.

The last smoker was attended by quite a number of men, and it is hoped that a similar number will attend this time.

CHEMISTRY MEETING.

Mr. B. Dyer of the Publicity Division of the National Carbon Company of Cleveland, Ohio, will give a lecture on Thursday, March 7th, at 4 P. M., in Room 53, Walker, upon the various products manufactured by his company. Numerous samples are to be shown and the speaker will gladly answer any questions concerning their uses and properties.

The lecture will be held in the usual lecture hall, and all chemists and chemical students are cordially invited to attend.

CALENDAR.

In Charge of H. H. Taylor, 1912.

Wednesday, March 6.
6.00—Club Council Meeting—North Station.
7.00—Musical Club Dance at Melrose—North Station.
7.45—Architectural Society—42 Pierce.
8.30—R. S. Society Trip to Pure River.
Thursday, March 7.
1:30—T. C. A. Meeting—Union.
5:45—Lowell Lecture—Napoleon.
THE BLESSING AND THE CURSE OF HABIT

Dr. James A. Francis Will Be the Speaker at Christian Association Meeting.

This week the speaker, Dr. James A. Francis, at the Thursday noon meeting of the Christian Association. He was the man who has not been in Boston very long, but who has already earned a reputation as one of the ablest new preachers in the State. Dr. Francis' home has always been in Nova Scotia.

His choice of subject is one that will be recognized as often discussed by everyone. "The Blessing and the Curse of Habit."
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SATURDAY, MARCH 8, AT 8 P.M.

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PERSONALITY OF GREAT CORSICAN AS WARRIOR

Dr. Rose Gives His Third Talk On the Character of Bonaparte.

In his lecture Monday afternoon on "The Personality of Napoleon," Dr. Rose discussed Bonaparte as a warrior. He said that the qualities which made Napoleon great were his combative instincts, his keenness of sight, his tenacity of purpose, and his desire to know every detail of his profession. His presence on the field was estimated by one of his great enemies to be worth forty thousand men, for his self-confidence, even in defeat, was a magnificent inspiration to his soldiers.

In speaking of the features of his campaigns Dr. Rose said that his strategy was to advance as quickly and with as many men as possible along the most favorable route. His usual tactics were to mass his troops against one of the enemy's weak points.

In his first campaign, that in Italy, Napoleon defeated a superior force of Austrians and Sardinians by striking its two parts before they could join, to the flanks of all his enemies, before Plu. In 1805, Napoleon captured a force of Austrians by falling suddenly upon their rear and surrounding them.

From the standpoint of tactics, the battle of Austerlitz was Bonaparte's best battle. Here he allowed the enemy to weakness his center in turning his right wing, and then broke that centre by a concentrated attack, cutting his opponent's army in two.

Napoleon was finally defeated because his brain became less capable and at the same time he became too rash.

Disappearing guns might be more useful if they could disappear into smaller excavations.

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WIRELESS MEETING.

(Continued from Page 2.)

one of the best types available at the present time. Mr. Hitchcock gave a detailed description of the apparatus used in this craft and how it was worked.

Marcel, the man who made six famous, has developed a system which he thinks will do away with the constant interference of messages when an operator is trying to get one especially one. The only objection, to his "hook up" is that it does not permit of very accurate tuning.

Another receiving set has been devised by Pasencon, the commercial wireles sachet, which is a little better than Marcon's in the way of eliminating interference. It uses two sets of coils, one of which is tuned carefully for the message, and the other is tuned a little bit off, and so when an interfering message comes in it is split up and therefore does not bother the operator.

A general discussion of matters relating to the society followed the talk. The treasurer's report was read and accepted. Further preparations were made for the introduction of those in the society who wish to become more proficient in the use of the wireless instruments. A committee was formed of providing talks at the meetings has secured a prominent wireless operator in Boston to address the society at the next meeting.

Did you see the crack bike rider who went by Rogers just after the Conversation?

There was a good sized crowd in the Union yesterday noon to hear the Victrola.

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