

# THE TECH

VOL. XXX. NO. 16

BOSTON, MASS., SATURDAY, OCTOBER 22, 1910

PRICE TWO CENTS

## COLONIAL POSSESSIONS OF PORTUGAL

### Government Denies Rumor That the Colonies are to be Relinquished

A rumor has been current in many European capitals that the extensive colonial possessions of Portugal were to be taken over by England and Germany. This was emphatically denied by the new Portuguese government yesterday in a message saying that Portugal had every intention of holding her foreign possessions as strictly as in the time of the Monarchy. The message also stated that the Republic was amply prepared to meet any expenses incurred by the former government in the running of the colonies.

The question of the new Republic's attitude to her is indeed a vital one. Portugal ranks fourth among the nations of the world in point of extent of colonial possessions. Her colonies are scattered all over the world, some being very extensive in area, and many very wealthy and productive. The coaling stations which she possesses have always been viewed with a greedy eye by each separate European power. In particular, Portuguese East Africa has been the subject of much controversy. Since the English occupation of the Transvaal the British have made various attempts to purchase at least a strip of Portuguese territory which would connect the Transvaal with the sea. They have always proved unsuccessful; the Portuguese realizing the value of this particular bit of property. Any hesitation on the part of the new government which would seem to exhibit anything but an aggressive policy in regard to colonial possessions would be quickly noticed and taken advantage of by all the important European nations.

Forty-seven members of the University of Syracuse, 1910 class, have pledged \$100 each to the University endowment fund.

#### CALENDAR.

##### SATURDAY.

1.00—Theatre Tickets on Sale—Rogers.

2.15—Fall Handicap Track Meet—Field.

8.00—Architectural Club Smoker—42 Pierce.

##### Sunday.

8.00 A. M.—Tech Corporate Communion, Trinity Church.

##### Monday.

1.00—Theatre Tickets on Sale—Rogers.

4.00—Crew Practice.

4.00—1913 Football Practice—Oval.

4.00—1913 Relay Practice—Field.

4.00—1913 Tug-of-War Practice—Gym.

4.00—1914 Football Practice—Field.

4.00—1914 Relay Practice—Field.

4.00—1914 Tug-of-War Practice—Gym.

4.15—Technique 1912 Meeting—Union.

##### Tuesday.

1.00—Theatre Tickets on Sale—Rogers.

4.00—Crew Practice.

4.00—1913 Football Practice—Oval.

4.00—1913 Relay Practice—Field.

4.00—1913 Tug-of-War Practice—Gym.

4.00—1914 Football Practice—Field.

4.00—1914 Relay Practice—Field.

4.00—1914 Tug-of-War Practice—Gym.

6.15—Biological Society Dinner—Union.

## ELECTRICAL ENGINEERING SOCIETY EXCURSION

### General Electrical Company's Plant at Lynn Visited by a Large Party

About eighty members of the Electrical Engineering Society took in the inspection trip at the General Electric Company's plant at Lynn yesterday afternoon. The men were divided into groups at the river works, and each proceeded to see all they could with the help of experienced guides, who were kindly furnished by the company. About three hours were spent at the "river works" looking over the different styles of transformers, dynamos, rotary converters and other electrical machines. The large machine shops, pattern rooms, foundry and drawing rooms were all visited. New forms of electrical testing machines were explained, and also the latest types of turbing. Owing to the lateness of the hour it was deemed inadvisable to visit the West Lynn works. Through a misunderstanding the special car went to West Lynn and a number of the men were obliged to find other means of transportation to Boston. The next excursion will be held on Thursday afternoon, next week. Particulars will be announced later. It is hoped that all eligible will avail themselves of the opportunities afforded by these trips and sign up on the sheet posted in the Lowell Building.

### FIRST TALK ON "THE HISTORY OF THE BIBLE."

Professor Seaver gave the first of a series of lectures on "The History of the Bible" last night to an audience composed largely of Chinese students. The main subject of the talk was the history of the Hebrew people, in outline, from the earliest known period to the time when Jerusalem was destroyed and the race ceased to exist as an independent nation. To give an idea of the relations in time between the Chinese history and the Hebrew, outlines were passed around showing contemporary events in the history of the two nations.

The earliest known civilization in the western world was that of the Pyramid Builders in the valley of the Nile, at about 3000 B. C. The other great civilization of this period was the Babylonian, in the valley of the Euphrates. During this same time Fu Hsi was the ruler in China, and to him is attributed the founding of such institutions as writing, the domestication of animals and net-fishing. About 1200 B. C. the Hebrews came to Palestine, and later David founded a kingdom with the capital at Jerusalem. This was overthrown in 722 B. C. by the Assyrians. In 587 B. C. Jerusalem was taken again after a change in dynasty by Nebuchadnezzar, who deported all of the Hebrews. It was during this time of exile and subjection that most of the Old Testament books were written. All of them had been finished by 200 B. C. This period in Chinese history was known as the Chou Dynasty, and the great men of Chinese religion and history, Confucius, Lao Tse and Men Tse, lived at this time. The history of the Hebrews ended as a nation when the kingdom was overthrown and Jerusalem destroyed by the Romans in 70 A. D., after a period of independence which had lasted for over 200 years. It was during this period

(Continued on Page 2.)

## LAUNCHER FOR GLIDERS SUGGESTED BY MERRILL

### Believes Would Lend Interest and Make Contests Possible

Mr. A. A. Merrill, of the Boylston Bank, explained a scheme for launching gliders, which was very enthusiastically received at a meeting of the Aero Club held in the Union, at 5 P. M. yesterday. Mr. Merrill wishes to have an inclined plane built in such a way that it may be turned about and made to slope toward the wind. A small car would be placed on the incline and the glider and operator would start down the plane on the car. When sufficient speed was obtained the operator would tilt the planes of the glider and glide along freely for some distance.

In this way gliding could be done at any time without an automobile, and there would be a great opportunity for competitive skill, both in gliding and in building the gliders. Mr. Merrill said that the cost of such a launcher would be about \$500, and said that he would give \$100 toward it himself. Mr. Merrill promised to show the club blue prints before long.

A new system of control, invented by Mr. Merrill, was discussed by the club, and it was decided to try it on the towed-aeroplane. Mr. Merrill's control is very simple and has received favorable comment by Curtiss, Wright and other leading aviators.

It was then decided to have a series of lectures during the year for the benefit of the associate members. Several prominent lecturers will probably be obtained, and it is planned to show some unique lantern slides and moving pictures.

### ORCHESTRA MAKES GOOD SHOWING.

The M. I. T. Orchestra held its most successful rehearsal of the year yesterday afternoon, in the Union. Nine violins, several horns, two flutes, two clarinets, piano and cello made up the instrumentation.

The overture to the "Bohemian Girl," with several selections from the opera, was practiced. The various pieces seemed more accustomed to each other. Certainly the music was of such merit that the room was packed to its limit with listeners.

Rupen Eksbergian is leader of the orchestra. He intends to give several concerts outside of Boston as well as in the city during the winter. Rehearsals will be held twice a week from now on, and new men will be taken in at each one.

A bass viol, a trombone and drums are needed to complete the organization.

The annual Freshman-Sophomore pushball contest at Iowa was won last Saturday by the Sophomores. The contest is divided into three parts, in each of the first two parts the participants are an equal number of picked men from each of the classes and the last is a free-for-all. The Sophs won the first two parts and the Freshmen the free-for-all.

Captain Barnhart of the Indiana basketball team has been denied his letter, because he broke training rules regarding a dance.

The Daily Student of Indiana issued an extra Saturday after the game with De Pauw. It was on sale fifteen minutes after the close of the game.

## FALL HANDICAP MEET AT FIELD TO-DAY

### First Opportunity for Sizing up the Freshmen and New Men

The Fall Handicap Meet at the Field this afternoon will give the first opportunity of sizing up the new men. Several promising men are out from the entering class and their performances will be watched closely. A large number of entries have been received and, since handicaps are given in all the events, there should result some very interesting finishes, particularly in the sprints.

Predictions on the results of a handicap meet are always difficult, and the pre-arranged dope sheet invariably suffers many changes before the end of the meet. This is especially true of the first meet of the year when a new man with a liberal handicap may romp away from the veterans.

H. G. Watkins 1912, will undoubtedly capture the two-mile, with E. E. Ferry 1912, or K. Cartwright 1912, in the reckoning. R. D. Van Alstine 1911, seems the best chance for the mile if not handicapped too heavily.

In the half-mile event the veteran, P. D. White 1911, seems to have things pretty much his own way. In the 440-yards dash Capt. W. C. Salisbury 1911, will have some difficulty in passing Gething, a promising runner from the Freshman class.

The shorter dashes are probably the most uncertain of all the events, because even a star man starting from scratch has to be exceptional to overtake the limit man in short races. However, R. C. Thompson 1913, should fight hard with J. J. Strachan 1913, for the premier position in the furlong.

The century dash should prove an easy mark for C. E. Trull 1913, but the handicapping may change the appearances this afternoon. A large number of entries are down for this event, and with so many untried men out there is a possibility of a dark horse breaking the worsted. This event was won last year by Trull, with a time of 10 2-5 seconds.

W. D. Allen 1911, the record holder in the pole vault, will have to work hard to beat out H. Greenleaf 1912, if the latter receives any handicap. Greenleaf seems the best entry for the broad jump, but here again a new man is liable to carry off the honors. In the high jump P. W. Dalrymple 1912, should win this event.

L. G. Metcalf 1912, who was not in the Institute last year, must be reckoned with in the weight events. J. L. Bray 1912, should get first or second in the hammer, and perhaps place in the other weight events. N. D. MacLeod 1913, will undoubtedly place in the shot-put, together with W. M. Ruby 1912, and D. F. Benbow 1912.

The meet starts at 2.15 this afternoon, and admission is free to holders of season tickets for athletics. The Field is in excellent shape and the track was rolled last night, so fast times may be expected.

### 1913 CLASS MEETING.

Sophomores Refuse To Accept Ballots of Election Committee.

The Sophomore class held a very lively meeting in Huntington Hall yesterday at 1 o'clock. There were over one hundred and fifty men present, and much interest was taken in the matters under discussion. It

(Continued on Page 3.)

# THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

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Office, 42 Trinity Place.  
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All communications should be addressed to the proper departments.

Subscriptions \$2.00 per year in advance. Single copies 2 cents.

Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Croke Printing Co.

SATURDAY, OCTOBER 22, 1910.

The action of the Sophomore class in its meeting yesterday was novel, to say the least, but the time had apparently come when some such action was necessary. After long delay, the class election ballots finally appeared, but were found to be practically useless. The names of several of the nominees were omitted, names were mis-spelled, and directions were wrongly given. Members of the class consequently called the meeting yesterday and took affairs into their own hands. The election ballots were declared invalid and a number of names were suggested to be submitted to the class president for his selection of a new electoral committee. If, as conditions seem to indicate, the ballots were practically useless, the action of the Sophomores was timely. However, the slipshod work of the electoral committee seems inexcusable, and the omission of names from the ballot decidedly questionable.

When are the nominations for 1912 class elections to open?

Professor Hugo Munsterberg, the well-known Harvard professor of psychology, and now Harvard exchange professor at the University of Berlin, has just opened his course of lectures in the Royal Library. He has been made an honorary director of the Amerika-Institute for this year.

He will talk on a variety of subjects, although he says distinctly that political and commercial affairs lie outside of his province. To an American friend he writes that, "everything that refers to education and scholarship, to technique and social welfare, to travel and public interests, to peace and international understanding," will be the objects of his efforts. He intends to devote much of his time to everything that will tend to remove misunderstanding and promote cultural welfare. This, it may be safe to say, will also work towards harmony in political and commercial relations.

The University of Virginia Press Association has started sending the news of Virginia to metropolitan newspapers all over the North and East. Its object is to gather news of all athletic and administration affairs, and with them keep the outside world fully informed of all that transpires there. The association is entirely under student management and consists of five men.

(Continued from Page 1.)

of independence that Jesus Christ was born and all the events transpired which are told of in the New Testament. All of the New Testament books were finished by about 214 A. D.

Prof. Seaver said that at the next lecture he should begin to consider certain representative books of the Old Testament and follow this line until enough had been covered to give a very good idea of the first books. After that the New Testament will be taken up in a similar manner.

### COMMUNICATION.

To the Editor of The Tech:  
When the Athletic Association of 1909-1910 organized last fall there was but one man who had ever been a member before. In all there were about thirty members who had never attended a meeting or knew anything about the legitimate or routine business of the association. As a result the association, which has a great deal of power and which is prepared to be energetic and accomplish much in forwarding the cause of athletics here, became an inert body, leaving most of the routine business to be conducted by the Advisory Council. Towards the end of the year, however, the association commenced to realize some of its powers and did considerable work, adhering to the rule, "Better late than never."

To remedy this defect the undersigned undergraduate members of the Advisory Council desire to recommend whom are renominated be re-elected to the Athletic Association, thereby returning men who have had experience, and, being familiar with its workings, can better represent their classes and aid athletics here at the Institute.

T. B. PARKER 1911.  
C. H. S. MERRILL 1911.  
P. W. DALRYMPLE 1912.

### INTERCOLLEGIATE NEWS.

Yale University will get the residue of the estate of Samuel H. Lyman, who died at Nauehm, Germany, on August 9th, after bequests of \$75,000 to the testator's brother, Joseph Lyman, and \$25,000 to the Children's Aid Society are paid.

The Intercollegiate Cross-Country meet will be held at Princeton on November 12.

The student council at Iowa College, Grinnell, Iowa, has recommended that dancing shall not be recognized as a college amusement.

A resolution made by the Faculty of the University of Kansas forbids the keeping of intoxicating liquors in any fraternity house or its use on any fraternity premises.

### FOWNES

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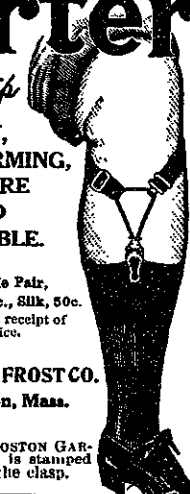
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**GOULD HOCKEY CAPTAIN.**

At a meeting of last year's hockey team yesterday noon, in the Union, R. H. Gould 1911, was elected captain for the coming year. T. Polhemus 1912, was nominated to the position of manager, left vacant by Gould's election to the captaincy.

Some radical changes have been made in the Cornell University calendar for the forthcoming year. The Easter vacation has been cut from twelve to five days, and Decoration Day and Washington's Birthday do not appear as holidays.

There has been presented to Cornell University by the Japanese Government a hand-decorated silk scroll, upon which is inscribed a copy of the official appreciation for the entertainment of the Honorary Commercial Commissioners of Japan who visited Cornell last fall.

President Hadley of Yale University sailed September 24 for Europe, to study the effects of American legislation on the disposition of American securities in the markets of Europe. He will also represent Yale University at the centennial celebration of Berlin University.

West Point has lately been in a state of open rebellion on account of the "silence" given Captain Rufus E. Longan. The Cadet Corps is an absolute unit and the situation is delicate. The military board of inquiry has not been able to obtain any information about the insult from the cadets.

The Cornell Masque, the dramatic club of the university, has planned a Christmas trip with an itinerary of eight performances, upon which presentations of "The Butterflies" will be given in many of the cities of the East, including Brooklyn, Philadelphia and Washington. If the trip is permitted by the Faculty it will be the longest ever taken by the organization.

An annual short story contest has been inaugurated at the University of California. The prize is to be a silver cup, the property of the English Club, upon which will be engraved each year the name of the winner, the title of the story, and date.

**1913 CLASS MEETING**

(Continued from Page 1.)

seems that some strenuous objections had been made by various men in the class against the appearance and contents of the class ballot, which appeared yesterday, almost a week overdue. After the meeting was called to order by the secretary, Samuel Knight, who, in the absence of President Holmes, presided, W. N. Eichorn made a short speech to the assembled men. He pointed out that the ballots, as they then stood, were absolutely useless. Many names were hopelessly mis-spelled, making it impossible to get any reliable voting; many men were candidates for the same office, and many names had been omitted from the ballot entirely. He therefore moved that these ballots be declared invalid. This was immediately seconded and the motion was carried unanimously. An extract was then read from the constitution showing that the original committee was not chosen legally, for there should have been five instead of three men on it. The question then arose as to how the election should be carried on. Many suggestions were made, and it was finally decided to act as follows: The secretary was instructed to write a letter to President Holmes, who appointed the original committee, saying that it was the united opinion of the class that this committee had acted extremely careless, and suggesting, moreover, that the three committeemen be removed and that five of the seven men nominated by the class be chosen to take their places. Seven men were chosen to form the group from which the president will choose five. No man who is running for any office was granted a place on this committee.

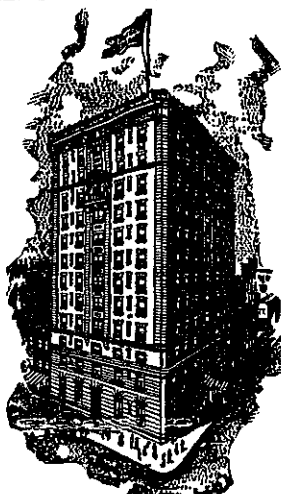
Arrangements for the construction of a rifle range on the Columbia campus have almost been completed. It will be situated in the tunnel running parallel to the new Philosophy building and will be about two hundred feet in length.

The celebration of the twenty-fifth anniversary of the opening of Bryn Mawr College is to be held October 21 and 22.

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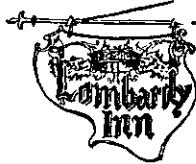
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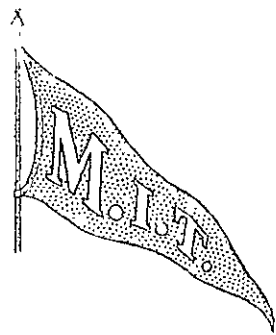
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### PROBLEMS IN SECOND YEAR PHYSICS.

Sections X, and X<sub>2</sub>.

Due Monday, October 24th, 1910.

Nos. 88a, 90, 92, 99 and 100 in last year's problem sheet.

1. If a train running 60 miles an hour is brought to rest in 20 seconds by the application of the brakes, what is the acceleration? How far does it go after putting on the brakes?

2. The Eiffel Tower is 340 meters high. How many seconds will elapse before an arrow, shot upward from the tower with a velocity of 60 meters per second, reaches the earth?

3. How far will a body fall in vacuo during the time in which its velocity increases from 88.55 feet per second to 136.85 feet per second? How long is this interval?

4. A stone is dropped over the edge of a cliff and 4.16 seconds thereafter the sound of its striking is heard. Find the height of the cliff if the velocity of sound is 330 meters per second.

5. An electric car starts from rest and in 8 seconds is traveling at a rate of 25 miles an hour; this speed is maintained constantly until within 300 feet of the next stop. Find the acceleration (a) at starting, (b) at stopping, and also the total time between stations, if the distance is 1 mile. How much of the distance is traversed at uniform speed?

**BASKETBALL.**—Owing to the non-return of A. T. Bennis, the position of basketball manager is now open. Any men wishing to try for the position will please communicate with T. B. Parker 1911, Captain.

### ART MUSEUM.

Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.

H. S. STORY,  
Curator.

British Empire.

All new students from any part of the British Empire are requested to leave their names at the Cage for  
THE CHAIRMAN.

11 British Empire Association.

The Amherst Dramatic Association is to give "Romeo and Juliet" this year.

### Theatre Tickets.

Seats for Tech Night at the theatre will be on sale in Rogers corridor from today until Friday, October 28, from 1.20 to 2 o'clock. Those not obtaining seats before Friday, October 28, from the theatre committee, will be compelled to go to the box office for them. No seats reserved without payment.

### EPISCOPALIANS.

The first Tech corporate communion for the year will be held in Trinity Church, Sunday, October 23, at 8 o'clock A. M. All Episcopalians are urged to come.

### EPISCOPALIANS.

All Episcopalians are requested to fill out the following coupon and hand it to F. R. K., 42 Walker.

Name .....

Class .....

Address .....

ALL associate editors, news staff and candidates for The Tech will please report in the upper office daily at 8.45 A. M.

**LOST**—Leather bound, loose leaf rote book, belonging to William N. F. Flanders. Name in front. Finder please leave at Cage. Reward. William N. Flanders, 264 Newbury street. 15-19

Several members of the Aero Club of Cornell University are building an aeroplane at Ithaca.

A rule at Amherst preventing Freshmen from playing on varsity teams until after their mid-year examinations goes into effect this fall.

Members of the Daily Californian staff have organized a baseball team for the purpose of challenging a nine to be selected from those working on the Occident, the year book of the University of California.

Forty-five Freshmen answered the first rowing call at Princeton.

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