CONSULTING ENGINEER Speaks To Miners

Mr. Allen H. Rogers Tells About Methods Of Financing Mines.

At the Smoother of the Mining Engineering Society, which was held last night in the Union, Mr. Allen H. Rogers, a prominent consulting engineer in New York and Boston, gave a very interesting talk on "Methods of Financing Mines." The gathering was much interested in the subject and many questions were asked. Mr. Rogers gave a detailed account of the various methods of financing, and a list of names for the Mining Engineering Society was placed on the bulletin board.

SULLY SPEAKS TO MINERS.

Mr. Sully, the President of the Sophomore Mining Society, gave a brief talk on the subject of mining and the various methods of financing. He said that the mining industry is one of the most important industries in the world, and that it is essential for students to have a thorough knowledge of the subject. Mr. Sully also talked about the different methods of financing mines, and gave a list of names for the Mining Engineering Society.

LATIN-AMERICANS ORGANIZE CLUB

Temporary Governing Board Elected

The meeting of the Latin-American students was held last night in the Union, and a temporary governing board was elected. The objects of the board are to promote the interests of the Latin-American students, and to foster mutual benefit and friendly relations between individuals of the several nationalities.

The committee which was appointed consisted of five members: R. S. W. J. Pollock, J. E. Moreno, B. J. Chapman, R. H. Jones, and J. A. Travers. This committee will take care of the affairs of the Club for the time being, and will Electrochemical Society.

ELECTRICAL ENG. SOCIETY SHINGLES HAVE ARRIVED

Pins Are Also Here And May Be Obtained From J. A. Judge '14

Both the pins and the shingles of the Electrical Engineering Society have arrived and are now ready for distribution. The pins may be obtained from J. A. Judge '14 upon payment of the remaining amount due on them. Judge will be in the Electrical Engineering Library today from 1:30 to 2:00, and as many moneys as possible. It is requested that these pins be obtained at once.

CIVILS TO VISIT THE COMMONWEALTH PIER

Excellent Opportunity To See Pier Construction—Will Leave At 2:30.

This afternoon the Civil Engineering Society will make a trip to the Commonwealth Pier which has been postponed from last Friday. The party consists of the steps of engineering which will be taken by the project and more permanent organization could be evolved.

"The Club will be officially known as the "Club Latino-Americano de M. I. T." Its object will be the keeping in friendly touch with each other all the Latin-Americans of Technology, and in fostering mutually beneficial relations between individuals of the several nationalities. The committee which was appointed consisted of five members: R. S. W. Pollock, J. E. Moreno, B. J. Chapman, R. H. Jones, and J. A. Travers. This committee will take full charge of the affairs of the Club for the time being, as well as draw up a provisional constitution. At the next meeting, whose time and place will be announced later in THE TECH, permanent officers will be elected and the activities of the new organization more precisely outlined.

Besides listing their host, the men present were addressed by Mr. Rivera, President of the Latin-American Club of Boston. After the breakfast a lecture was given by Mr. Sully, the President of the Sophomore Mining Society, who gave a brief talk on the subject of mining and the various methods of financing. He said that the mining industry is one of the most important industries in the world, and that it is essential for students to have a thorough knowledge of the subject. Mr. Sully also talked about the different methods of financing mines, and gave a list of names for the Mining Engineering Society.

AN INVITATION TO THE COMMUNITY.

The St. Mark's Society has been invited by the Union to hold a meeting in the Union on next Friday. The meeting will be at 8:00 P.M., and it is the last time that orders will be taken. The union is open to all members who have not yet been measured.

WEATHER

For Boston and vicinity: Fair and warmer: break west to southerly winds.

LATIN-AMERICANS ORGANIZE CLUB

Temporary Governing Board Elected

The meeting of the Latin-American students was held last night in the Union, and a temporary governing board was elected. The objects of the board are to promote the interests of the Latin-American students, and to foster mutual benefit and friendly relations between individuals of the several nationalities.

The committee which was appointed consisted of five members: R. S. W. J. Pollock, J. E. Moreno, B. J. Chapman, R. H. Jones, and J. A. Travers. This committee will take full charge of the affairs of the Club for the time being, as well as draw up a provisional constitution. At the next meeting, whose time and place will be announced later in THE TECH, permanent officers will be elected and the activities of the new organization more precisely outlined.

Besides listing their host, the men present were addressed by Mr. Rivera, President of the Latin-American Club of Boston. After the breakfast a lecture was given by Mr. Sully, the President of the Sophomore Mining Society, who gave a brief talk on the subject of mining and the various methods of financing. He said that the mining industry is one of the most important industries in the world, and that it is essential for students to have a thorough knowledge of the subject. Mr. Sully also talked about the different methods of financing mines, and gave a list of names for the Mining Engineering Society.

AN INVITATION TO THE COMMUNITY.

The St. Mark's Society has been invited by the Union to hold a meeting in the Union on next Friday. The meeting will be at 8:00 P.M., and it is the last time that orders will be taken. The union is open to all members who have not yet been measured.

WEATHER

For Boston and vicinity: Fair and warmer: break west to southerly winds.
THE TECH
Entered as second-class matter, Sept. 16, 1887, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

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

MANAGING BOARD.

S. H. Taylor, '14. General Manager
W. W. W. Allen, '14. " " "
A. H. Wilcox, '14. " " "
C. A. Palmer, '16. " " "

NEWS BOARD.

J. K. Holter, '16. Assignment Editor
W. N. Tilson, '16. " " "
G. W. Wyman, '16. " " "
T. C. Jewett, '16. " " "
C. Loomis, '16. " " "
H. W. Landon, '14. Editor-in-Chief

OFFICE STAFF.

C. W. Loomis, '16. Associate Editor
B. L. Hibbard, '16. " " "
G. A. Palmer, '15. Treasurer
W. T. Kneiszner, '16. Institute Editor
A. H. Waitt, '14. " " "
H. I. Knowles, '16. " " "
E. A. Weaver, '15. Editor-in-Chief

TUESDAY, NOVEMBER 18, 1913.

In Charge of This Issue: Editor—G. W. Wyman, '16. Assistant—W. W. MacNeill, '15.

Undergraduate can do one thing for the New Technology: they can hand in their ideas concerning various features and the like. The men who are working on these things have been out of undergraduate life for more or less time, and may have forgotten essential points of what is needed.

As a trite expression, "Two heads are better than one." There cannot be too much of this opinion expressed. The architects, in particular, should have good ideas.

To make it easy for these expressions of the students' point of view to reach their mark, THE TECH will be glad to receive them as communications and will print them when suitable. In any case, we will see that either the original letter, or a copy of THE TECH containing it, is received right where it will do the most good.

We have been unpleasantly impressed by the use of the word "consensus" in reference to the dining-room at the New Technology. While it is a fine word used at most of the colleges, it has a distinctly low-down sound, if the student dining-room were to be held in disrespect as something public, instead of being sacred to undergraduate life. "Union" seems much preferable; or perhaps a still more appropriate name could be found. We think some surrounding sound word should be used from the start, as a habit once formed in that line is very hard to break.

The Chinese Night of the Collegiate Club bids fair to be an interesting one.

Scientific and Engineering Notes

An ingenious device for eliminating the danger of explosions due to back-firing of gasoline engines has been patented by J. H. Thomas. While the appliance does not pretend to prevent back-fire, it does lessen the possibility of fire reaching the gasoline tank. The carburettor is provided with a two way cock which is normally held down by a suitable plug designed to melt at 140 degrees Fahr. or any other desired temperature. At the occurrence of back-fire the plug melts and a small steel spring causes the cock to shut off the fuel line to the supply tank. A vent is also opened simultaneously which drains out the fuel remaining in the carburettor to any point outside the danger zone.

Mining Smoker

(Continued from page 1.)

The mining smoker described here was ordered by the late Mr. Rogers, of the United States, must be accompanied by postage single copies, 2 cents.

Treasurer. To the cost of operation must always be added the capital cost and the cost of equipment. The neglecting of these last two factors has caused the failure of many a mine.

Mr. Rogers also took up the comparative ease with which mining brokers are usually able to "take in" the unsuspecting public. Often these brokers get out and cut out the small miners. In any event, they usually know a little about mining and less about the particular mine which they handle. They exaggerate greatly the profits which the mine is likely to pay and underestimate cost of running the mine. No purchaser should think of buying mining stock without having the mine first examined by some competent mining engineer. People sometimes are afraid that they would seem to be doubting the broker's word by doing this, but this course is the safe one.

A story was told of a company of Englishmen who were on the point of purchasing a large amount of mining stock on the word of a broker. On being warned by a friend that they ought to have the mine examined by an engineer, one of them exclaimed, "Yes, but wouldn't the broker feel offended?"

In mining brokerage, the system of underwriting is often made use of. The broker guarantees that the whole issue of bonds shall be sold. He is given a commission on the whole. In calculating the profits of a mine, a very serious fact is overlooked. The profit is not the price received for the ore minus the capital cost of operation. To the cost of operation must always be added the capital cost and the cost of equipment.

The engineer in charge of construction stands in a peculiar relation to both his employers and the contractors; and the true relation is not generally recognized. It is that of arbiter, and not that of oppressor. No one who employs an engineer has a right to think that he purchases that engineer's conscience when he pays him his salary. It is as much an engineer's business to look out carefully for the rights of the contractors as it is to see that his employers receive the full value of what they pay for, and that all work is properly done.

CLOTHES FOR COLLEGE MEN

Attention is called to an importation from London of overcoats in ultra styles—very desirable made especially to order.

SETTON HAT DEPARTMENT
Fine Furnishing Goods

MACULLAR PARKER COMPANY
400 Washington Street

TABLES FOR STEEL DETAILING AND DESIGNING

By J. A. AUBINGER, C. E., A. S. C. E.

These Tables are for the Engineers and Draughtsmen of Steel Structures compiled from the American Bridge Co.'s Green Book of Standards, with new added material. It is in fairest use for the Draughtsman, Engineer, Architect, Engineer and Ship company, and will be found in each job, from the smallest to the largest. It is in fairest use to the Engineers and Draughtsmen in particular.

Price $5.00

W. T. HUNT, JR., Structural Books, 150 Nassau St., N. Y.

Go to METCALF'S FOR YOUR

Medicine, Toilet Articles, Soda, Candy and Tobacco

PRESRIPTION DRUGGISTS SINCE 1837
CLARENDON AND BOYLSTON STREETS

Now is the time and this is the place
To Buy
That Winter Suit or Overcoat
Hundreds of High Grade Fabrics from which to select
Prices, $25.00 and up
We cater especially to Tech Trade
PRESS & HERBERT TAILORS
486 BOYLSTON ST., BOSTON, MASS.
OFF. INSTITUTE OF TECHNOLOGY PHONE BACK BAY 2937

HOTEL BRUNSWICK
BOSTON

European and American Plans
HERBERT H. BARNES, Proprietor

GET YOUR BOOKS AT
The Old Corner Book Store, Inc.
27 AND 29 BROMFIELD STREET
BOSTON

MACULLAR PARKER COMPANY
400 Washington Street
BOSTON

Manufacture in workrooms on the premises and offer for immediate use

CLOTHES FOR COLLEGE MEN

Attention is called to an importation from London of overcoats in ultra styles—very desirable made especially to order.

SETTON HAT DEPARTMENT
Fine Furnishing Goods

MACULLAR PARKER COMPANY
400 Washington Street

Tables For Steel Detailing And Designing

By J. A. AUBINGER, C. E., A. S. C. E.

These Tables are for the Engineers and Draughtsmen of Steel Structures compiled from the American Bridge Co.'s Green Book of Standards, with new added material. It is in fairest use for the Draughtsman, Engineer, Architect, Engineer and Ship company, and will be found in each job, from the smallest to the largest. It is in fairest use to the Engineers and Draughtsmen in particular.

Price $5.00

W. T. HUNT, JR., Structural Books, 150 Nassau St., N. Y.

Go to METCALF'S FOR YOUR

Medicine, Toilet Articles, Soda, Candy and Tobacco

PRESRIPTION DRUGGISTS SINCE 1837
CLARENDON AND BOYLSTON STREETS

Now is the time and this is the place
To Buy
That Winter Suit or Overcoat
Hundreds of High Grade Fabrics from which to select
Prices, $25.00 and up
We cater especially to Tech Trade
PRESS & HERBERT TAILORS
486 BOYLSTON ST., BOSTON, MASS.
OFF. INSTITUTE OF TECHNOLOGY PHONE BACK BAY 2937

HOTEL BRUNSWICK
BOSTON

European and American Plans
HERBERT H. BARNES, Proprietor

GET YOUR BOOKS AT
The Old Corner Book Store, Inc.
27 AND 29 BROMFIELD STREET
BOSTON
McMorrow
College Shoes for College Men
238 Washington Street, Boston, Mass.
OPPOSITE THOMPSON'S SPA

Chamberlain
Hats

Students' Cast-Off Clothing
and other personal effects bought by
Keezer

Old Established Dining Room
33 Saint Botolph Street
Menu: H. O. Hanson, Prop.

<table>
<thead>
<tr>
<th>Items</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>7</td>
<td>Dinners</td>
</tr>
<tr>
<td>Lunch</td>
<td>25c.</td>
<td>and refreshments typical of the occasion will be served.</td>
</tr>
</tbody>
</table>
THE THEATRE, BOSTON, MASS., NOVEMBER 18, 1912.

ATTRACTIONS

AT THE

THEATRES

TREMONT THEATRE

BILLIE BURKE

HOLLIS ST. THEATRE

JULIA SANDERSON——18——

The Sunshine Girl

PARK THEATRE
Eggs. 8:10. Mats. Wed. & Sat. at 2:10

The Strange Woman

Prices: 1.50, 1.00, 75c, SOc, 25c

BOSTON THEATRE
Eggs. at 8. Mats. Wed. & Sat. at 8

THE WHIP

Prices 25c to $1.50

COLONIAL THEATRE
Nights at 8. Mats. Wed & Sat at 8

THE LADY OF THE SLIPPER

PLYMOUTH THEATRE
Eggs. 8:15. Mats. Thurs. & Sat. 2:15

Henry Jewett Players—16—

"Let's Go A-Gardening"

STUDENTS

PATRONIZE

OUR ADVERTISERS

MASS PEACE SOCIETY

PEACE ESSAY CONTEST

Three Prizes Offered For Best Papers On "Substitution Of Law For War."

The Massachusetts Peace Society offers to the undergraduate students of Massachusetts Colleges for the academic year of 1913-1914 a First Prize of $100.00, a Second Prize of $75.00, and a Third Prize of $50.00 for the best essays on topics relating to "The Substitution of Law For War" in the settlement of International Disputes. An Honorable Mention will be given all essays of a certain standard of excellence. The Judges will be Prof. George H. Blakeley of Clark University, Prof. Albert Bushnell Hart of Harvard University and Miss Mary E. Woodley, President of Mount Holyoke College.


The conditions of the contest are as follows: each contestant is requested to append to his essay a list of the works consulted, and, if possible, a list of references. The term "Undergraduate Student" applies to one who, in a college or scientific school, is doing the work prescribed for the degree of bachelor, or its technical equivalent. The essays should be presented in typewriting on one side of plain paper of the ordinary letter size, 8 1/2 x 11 inches, and must not exceed 4,000 words in length. Each essay should bear a name on the envelope, or anonymous, which should be included in an accompanying letter giving the writer's real name, college, and home address. Both the essay and essay should reach Dr. James L. Tyron, Secretary, of the Massachusetts Peace Society, 31 Beacon Street, Boston, Mass., not later than March 15, 1914. Essays should be mailed flat, not rolled. No essay will be considered that has been or is to be used in any other prize contest. The award of prizes will be made by Norman Angell's "The Great Illusion" will be considered by the Judges.

The conference is for the purpose of bettering the relations between all the South American and North American countries and enumerating all the benefits the countries in South America can offer the professional men of the other countries.

A very prominent part will be taken by the men representing Mexico. Mr. A. Gutierrez will address the conference on the "Position Chile held before the Pan-American Congress" and a Second Prize of $75.00, and a Third Prize of $50.00, for the best essays on topics relating to "The Substitution of Law For War." Any Topics suggested by Norman Angell's "The Great Illusion" will be considered by the Judges.

The conference is for the purpose of bettering the relations between all the South American and North American countries and enumerating all the benefits the countries in South America can offer the professional men of the other countries.

A very prominent part will be taken by the men representing Mexico. Mr. A. Gutierrez will address the conference on the "Position Chile held before the Pan-American Congress" and a Second Prize of $75.00, and a Third Prize of $50.00, for the best essays on topics relating to "The Substitution of Law For War." Any Topics suggested by Norman Angell's "The Great Illusion" will be considered by the Judges.

The conference is for the purpose of bettering the relations between all the South American and North American countries and enumerating all the benefits the countries in South America can offer the professional men of the other countries.

A very prominent part will be taken by the men representing Mexico. Mr. A. Gutierrez will address the conference on the "Position Chile held before the Pan-American Congress" and a Second Prize of $75.00, and a Third Prize of $50.00, for the best essays on topics relating to "The Substitution of Law For War." Any Topics suggested by Norman Angell's "The Great Illusion" will be considered by the Judges.

The conference is for the purpose of bettering the relations between all the South American and North American countries and enumerating all the benefits the countries in South America can offer the professional men of the other countries.

A very prominent part will be taken by the men representing Mexico. Mr. A. Gutierrez will address the conference on the "Position Chile held before the Pan-American Congress" and a Second Prize of $75.00, and a Third Prize of $50.00, for the best essays on topics relating to "The Substitution of Law For War." Any Topics suggested by Norman Angell's "The Great Illusion" will be considered by the Judges.