

CIVILS HEAR SMITH

Noted Engineer Will Discuss
N. Y. Water Supply

The Civil Engineering Society has finally secured J. Waldo Smith '87, chief engineer of the New York Board of Water Supply to speak at a meeting next Wednesday at 7.45 in north hall.

The society planned to have Mr. Smith to come last October, but he was suddenly called to California to do some consulting work on the Hetch-Hetchi water supply. He will speak on the constructive New York water supply, a 177 million dollar job.

Mr. Smith is one of the noted civil engineers of the country. He is past vice-president and director of the American Society of Civil Engineers, and was recently defeated as the conservative candidate for the presidency of the society.

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LIBRARY ACQUIRES NEW BOOKS

Students in E-52 have been very generous this term and the following new books have been contributed to the central library by them:

H. G. WELLS

War in The Air
The New Machiavelli
Ann Veronica (2)
Kipps (2)
Wife of Sir Isaac Harmon
When the Sleeper Wakes
Invisible Man
The War of the Worlds
The Undying Fire
The Food of the Gods
Twelve Stories and A Dream
New Worlds For Old
The World Set Free
Mankind in the Making
Tono-Bungay
Marriage

G. K. CHESTERTON

The Ball and the Cross
Manalive
The Short History of England
Wisdom of Father Brown
Innocence of Father Brown
Alarms and Discursions
What's Wrong With the World
Tremendous Trifles
The Man Who Was Thursday (2)

JOHN GALSWORTHY

In Chancery
The Freelanders
The Dark Flower
Five Tales

J. M. BARRIE

Quality Street
What Every Woman Knows
Margaret Ogilvy and L. Nicotine
Window in Thrums
The Little Minister
Sentimental Tommy
Peter and Wendy

ARNOLD BENNET

The Great Man
Buried Alive
Clayhanger

BERNARD SHAW

Androcles and the Lion
Major Barbara and John Bull's Island

RUDYARD KIPLING

A Diversity of Creatures
Kim

The Light That Failed
Soldiers Three

JOHN MASEFIELD

A Mainsail Haul
Collected Poems

BOY! PAGE MR. POE

After having been entertained by Voo Doo's version of Edgar Allen Poe's work, those who wish to take advantage of the opportunity will be treated to readings from the original tomorrow evening by Mr. Copithorne of the English Department. The reading will be given in the Library of Walker Memorial at 6.45 o'clock.

HOLDS RECITAL

Musicales Will Be Given Under
T. C. A. Auspices March 3

Under the auspices of the Social Department of the Technology Christian Association, a violin and piano recital will be given at the Institute on the evening of March 3. Charles E. Griffith, Dartmouth '15 and Mrs. W. M. Ross, who on January 25 presented a musicale at Dartmouth under the auspices of the Department of Music at Dartmouth, have offered their services to the T. C. A. to help it furnish a new type of service to the Faculty and students of the Institute. There will, of course, be no admission fee to the recital. The program will be the same as that used at the Dartmouth musicale.

The Social Department of the T. C. A. is the newest branch, and President G. E. Fargo '21 has appointed J. M. Keck '23 of Torrington, Conn., as its head. The presentation of the recital will be the first work of the department which will affect the student body.

Invitations will be sent out soon to every member of the Faculty, and members of the student body will also be welcome.

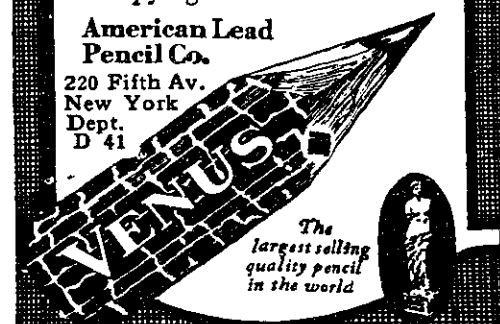
Mr. Griffith is the head of the Department of Music at Silver, Burdett & Co. He is also in charge of the music at the Channing Unitarian Church, Newton, and is director of the orchestra at Lasell Seminary, Auburndale. Mrs. Ross is the wife of the secretary of the T. C. A., "Wallie" Ross, and is well known in Boston music circles as a pianist.

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LAUNCH NEW CHEMICAL ENGINEERING COURSE

Benefits of Practice Stations
Extended to Undergraduates
—Is Open to Course X Juniors
By Competition

WILL GRADUATE WITH CLASS

A course in Chemical Engineering Practice for undergraduates, similar to that now offered to graduates in Course X-A, is being offered by the Chemical Engineering Department. This course is open to those who have done the work of the first three years, and is so arranged that the men may graduate with their class.

Training Precedes Practice

The principle upon which the work is founded in both the graduate and undergraduate schools of Chemical Engineering Practice, is that a certain amount of training is a necessary prerequisite to obtaining the educational benefit from the actual Practice School. With this in mind the first course was available only to those holding a Bachelor's degree. These men spent six months in the practice school, and then after two terms of elective work at the Institute, obtained the Master's degree.

Opportunity for Undergraduates

Course X-B will allow undergraduates of unusual ability the advantages of the Practice School. It is planned that they will attend the summer school following the junior year, during the last five weeks of which special subjects in the Department of Chemical Engineering will be offered. They will then spend the next term at the Institute, going to the Practice School stations for the last two terms of the Senior year, and return to the Institute to graduate with their class. If, because of attending the Practice School, the men are unable to complete all of the required work at the Institute, this work may be done in the summer school following the Senior year, and the diploma received as of June of that year.

Entrance by Competition

The admission to the course is competitive. The 180 members of the present Junior class are eligible to enter the course next year. The men will be chosen on the basis of scholarship and personality, but not more than 36 men will be admitted. This will make three groups of 12 men each.

Aims of the Course

The underlying principle in making this course open only to men who have completed the work of the third year, is that real educational benefit can be secured only by men who have had a certain amount of training in the fundamentals for a background. The course has been made non-remunerative, so that the men may at no time have to do work at the plants of lesser educational value in order to make a return to the company, or be held at any one division of the work after it has ceased to hold an educational value for them. The men are at all times under close supervision of an Institute professor, there being one professor to every 10 men, and each professor is assisted by an instructor, these being at the stations organized for Course X-A. Furthermore, the men are stationed at seven plants of different types, so as to give them an insight into the work of the different divisions of the field.

Maintain Three Stations

In order that a number of different fields may be covered, three practice stations are maintained. At each station is an Institute professor and instructor. The station at Bangor, Me., is located in two paper manufacturing plants. At the Everett, Mass., station, the time is divided between the Merrimac Chemical Company, the Revere Sugar Refinery, and the Boston Rubber Shoe Company.

Do Original Work

In the School of Engineering Practice, the student designs, plans, and carries out in its entirety, the work of making tests. He decides as to the data needed, how it should be obtained, the methods used in calculating the results and what results are needed in order to make a sound engineering decision. The students and the faculty staff at the plants function as engineering consultants for the companies, carrying out full scale tests. The broad scope of the work is indicated by the different lines of manufacture involved—caustic soda and chlorine by electrolysis, pulp and paper, sugar, heavy chemicals, rubber, soap, gas and coke, iron and steel, and by-product recovery.

SOPHOMORES TURN TO FIELD OF LECTURING

Daniel Websters Will Amuse English Sections

The "highbrow" sections in Sophomore English, composed entirely of men who received a mark of C in the subject during the first term, are arranging a little tableau which they will perform for the benefit of their less erudite classmates at the beginning of next week. Whether the English Department has run short of subjects for the usual weekly lecture, or whether it has come to the conclusion that these lectures have not succeeded in keeping the men awake, has not been divulged, but at any rate, no member of the instructing staff will occupy the speaker's platform at the next meeting of the class.

There are four large lecture groups which meet every week, and each of these groups contains a "C" section. A few men from each of these groups will get up before their respective groups and endeavor to prove that the regular lecturers of the department can be dispensed with in the future. The speakers, and the subjects which will be spoken on are for the most part determined by the men themselves. In one section, the instructor suggested that, inasmuch as, out of a choir of angels, one could sing as well as another, the speakers be chosen on the merit of the subjects which they proposed. Consequently the class voted for five topics relating to the Institute, and one which was received with enthusiasm is expected to be so severe a criticism of the instruction here that the Faculty will cry "Hold, enough!"

TRAINING FOR CREW STARTS

The training season for the crew candidates started this week. Over 150 men reported at the meeting held last Wednesday. Of these about sixty are freshmen many of whom rowed on the field day crews last fall. Training will go on four days a week and will consist of work on the rowing machines and exercise on the track. This work will continue until the weather permits of taking the shells out on the river and will be carried under the supervision of Manager L. B. Davis and members of last years' varsity crew.

STUDY DUST REMOVAL

Electrical Method to be Shown
At Chemicals' Meeting

Mr. P. E. Landoldt will address the Chemical Society on the "Electrical Precipitation of Dust by the Cottrell Method", in the main hall of Walker this evening at 7:30 o'clock. Mr. Landoldt, who is general manager of the "Research Corporation", N. Y., will use slides and movies to illustrate the use of this method, and will give an actual demonstration with apparatus which he will have with him.

This should prove to be especially interesting to the Seniors in Course X, who are at present studying means of dust separation from gas, of which this one is being extensively used throughout the country. By the use of this apparatus, dust particles can be separated from gas, thus rendering an otherwise useless gas of some use. It has met with especial favor in smelter regions and in the removal of objectional fumes.

ELECTORAL COMMITTEE BUSY WITH RED TAPE

Up to practically the present time the Technique Electoral Committee has been arranging all preliminary details of its duties, but at the last two meetings, the real work has been undertaken. There have been 17 men nominated for the position of Editor-in-chief of Technique 1923, but as yet there has been no vote taken on the matter. The men follow in alphabetical order C. A. Brantingham, Stevens Bromley, J. E. Burckhard, H. H. Flather, D. M. Halsted, S. Hazard, G. R. Johnson, R. H. Kean, Hall Kirkham, H. C. L. Miller, J. C. Nowell, P. C. Putnam, E. H. Schmitz, J. R. Sheffield, C. F. Smith, Jr., C. C. Taylor, Preston Woodling.

WALK ON THIN ICE?

—COOLER FOR YOU!

Walking on thin ice is not all that it's cracked up to be; at least, this was the conclusion arrived at by Girard Boyce '22, E. W. Reynolds '24, and W. F. Rivers '24, upon receiving a summons to appear before the West Roxbury police Court, for disregarding a policeman's warning against crossing the ice in the Charles River between the Harvard and Cottage Farm Bridges.

On Monday, February 14, in their endeavor to save time and energy in coming to the Institute from their home on Bay State Road, they decided to take a short cut by walking across the ice. A shout from a policeman on the Boston shore merely served as a reason for their increasing their speed towards the Cambridge side. The officer, disdaining to give chase, bided his time, waiting until the men returned for lunch, when he succeeded in obtaining their names.

In compliance with the summons subsequently received, Boyce, Reynolds and Rivers appeared on Friday morning before the magistrate in the West Roxbury Police Court. Upon the failure to prove that a definite warning against the ice had been given the defendants, the case was put on file.

RIFLEMEN FIND NEW RANGE O.K.

Practice on the new range for the rifle club and team is going forward satisfactorily. The Club members will in the future be given the use of the range every afternoon after 3.30 o'clock except Wednesday and Thursday which will be saved for the practice of the team. Tentative teams have been picked, but no announcement will be made until a more definite line is secured on the men than has been possible as yet. There will be a chance for any men who want to join the club to do so by reporting at the range any afternoon. Dues are only one dollar, and will include free use of guns and ammunition. Team candidates are again warned, that they must report for practice at least twice a week, to remain on the squad.

C. A. L. LANGTON

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