

MINING ENGINEERING PROFESSOR DIES

Metallurgy Instructor and Prominent Copper Smelting Expert Succumbs to Attack of Heart Trouble

AUTHOR OF MANY BOOKS

Professor H. O. Hofman of the Department of Mining Engineering, has written the following article on the recent death of Professor E. D. Peters of the same Department:

"On Saturday, February the 17th, Professor Edward D. Peters died of heart failure at his home in Dorchester. He was born in Dorchester June 1, 1849, and was therefore 67 years old at the time of his death. His career was based upon an unusually broad foundation, which gave him a wide outlook upon affairs. He began his metallurgical studies at the Royal School of Mines of Freiberg, Saxony, and graduated there in 1869. In 1872 he was territorial assayer of Colorado. The frontier life and work apparently did not suit him, for he returned East and took up the study of medicine at the Harvard Medical School, receiving the degree of M. D. in 1877. The practice of medicine, however, had little attraction for him, for he turned again to metallurgy and took up the smelting of copper ores in New England, and later in Pennsylvania and New Jersey. Having thus made copper a specialty, he remained true to the metal the rest of his life. When copper smelting was started at Butte, Montana, about 1880, we find him active at work in the new camp. Later he left practical smelting and began his career as a consulting mining and metallurgical engineer.

Early, while engaged in the practical field, he began to contribute to technical periodicals. Thus in 1873 his name is found in the Transactions of the American Institute of Mining Engineers with a paper dealing with the Mount Lincoln Smelting Works of Dudley, Colorado. Later he began to make contributions on the metallurgy of copper to Mineral Resources of the United States. His papers of 1882 and 1883 are consulted at present. A few years after he wrote a series of papers for the Engineering and Mining Journal, which were later collected in a book entitled, "Modern Copper Smelting," published in 1891. This is the first book on copper smelting written by a man who combined with theoretical knowledge the necessary practical experience.

In the book, which deals mainly with American methods of operation, stress is laid on practice and on costs. The excellent analyses of costs have served as models for subsequent writers. The book has gone through many editions and is still a standard work of reference. About 1900 he was invited to give lectures on metallurgy at Harvard University, and was made professor of Metallurgy in 1904. He found the work of teaching very congenial, and feeling the necessity of giving to his students and the metallurgical world at large his extended knowledge of the theory and of the

(Continued on page 3)

RIFLE CLUB NOTICE

The targets for Match 5, which is to be shot off this week, have not yet arrived. As soon as they do arrive a schedule giving the time that each man is to report at the range to shoot will be posted. The Team Squad this week, which is the same as last week, includes the following men: Bond, Burbank, Davidson, G. A. Irwin, J. C. Irwin, Howard, Lovejoy, Noelke, Stahl and Tuttle.

Those members of the Club who wish to do so can get "Arms and the Man," the official publication of the N. R. A., through the Secretary. The relative standing of the various clubs in the Association and other affairs of the R. A. are published each week in this book.

WRESTLING TEAM WINS

Technology Matmen Defeat Springfield Y. M. C. A.

Last Saturday the Technology Wrestling Team won from the wrestlers of the Springfield Y. M. C. A. College. The score was 21 to 10. The stars of the meet were Wirt '18 and Hoffman '17 of Technology. Wirt wrestled in the 158 lb. class in the first part of the meet, throwing his man in 7 minutes; then he wrestled again in the 175 lb. class, and although outweighed twenty pounds, he threw his man in 1 minute and 20 seconds.

Hoffman, who is in the 135 lb. class, was matched against Bretschneider, Springfield's star man, who was last year's New England intercollegiate champion. The bout was very fast and lasted the full fifteen minutes, Hoffman winning the decision.

Springfield scored in the 125 lb. class, when Hughes won the decision over Stebbins of Technology in a hard-fought bout which lasted fifteen minutes. In the 145 lb. class Giles, M. T., wrestled Niday of Springfield to a draw. Technology defaulted in the heavyweight class.

COMPULSORY PRACTICE

Freshmen Must Report for Every Saturday Practice

The Saturday practice at the Newell Boathouse will hereafter be compulsory for all freshmen excused from Gym. The men will not be excused unless they have previously reported to the manager or to the assistant manager.

More freshmen are asked to enter the manager's competition. Three men are to be chosen as a result of this competition, and they will be allowed to compete next fall for the managership of the Technology Rowing Association. The leading candidate this spring will be made temporary manager of the 1920 class crew and will be eligible to receive his class numerals if his crew wins in the class races.

The new candidates are to report to the manager today for practice in Room 1-050 at 4 o'clock.

Last Saturday afternoon forty men reported at the Newell Boathouse and through the courtesy of the Harvard Athletic Association used the twenty machines and the indoor tank. Berliner of Cornell and MacDonald of last year's varsity were on hand to coach the candidates and alternated as stroke in the tank shell. Captains Quick and Bigelow of the Sophomore and Freshman crews devoted their time to the instruction of the men in handling the oars on the machines. Quick has had two years' experience on the Tech crew, while Bigelow has served three years in the English High shell.

Beginning with this Saturday Coach Stevens will be present at the Newell practices and will give individual coaching to the men. Coach Stevens has been working with the crew since the beginning of the term and it is largely due to him that the use of the Harvard machines has been granted to Technology.

SENIOR PORTFOLIO

In making up the summary for this year's Portfolio Section of Technique, the editor has found that a very large percentage of the men who have had their formal pictures taken have not been represented by informal photographs. To leave out all these men would make such a large decrease in the class representation that a new plan has been adopted to meet the emergency. All men who have not turned in an informal picture may report to one of the staff photographers on Wednesday at 12 to 2 P. M. on the Charles River side of the buildings near the door to the Civil Engineering section. The men who can get informal pictures of themselves and turn them in by Wednesday at 5 P. M. may have that extension of time. Absolutely no more formal pictures will be taken. Wednesday is positively the last day that informal pictures may be turned in.

C. E. SOCIETY ARRANGES SERIES OF TALKS

Eight Lectures Planned—Elisha Lee '92 to Address Society Friday on "The Work of a Railroad Engineer"

PROMINENT MEN TO SPEAK

The officers of the Civil Engineering Society have arranged a series of talks concerning the practical nature of the work along different engineering lines. The list of talks, as tentatively arranged, is as follows: "The Work of a Structural Engineer," by O. F. Hovey, Assistant Chief Engineer of the American Bridge Company; "The Work of a Publicity Engineer," by E. J. Mehren, Editor of the Engineering Record; "The Work of a Railroad Engineer," by Elisha Lee '92, Assistant General Manager of the Pennsylvania Railroad; "The Work of a Hydraulic Engineer," by C. M. Saville, Chief Engineer of the Board of Water Supply, Hartford; "The Work of a Consulting Engineer," by F. H. Fay '93, of Fay, Spofford and Thorndike.

The first of these series of talks will be given next Friday evening, Feb. 23 at 7.30 o'clock in the Caf, when Elisha Lee will deliver his talk on "The Work of a Railroad Engineer." Mr. Lee was spokesman for the railroad in a recent labor investigation at Washington in regard to the Adamson Eight Hour Law. In an article appearing in "The Independent" entitled "Both Sides of the Railroad Problem," Mr. Lee spoke for the railroad against Mr. Austin B. Garretson, President of the Order of Railway Conductors, who spoke for the men. Mr. Lee, as opposed to strikes, said in part: "I am in favor of an investigation, rather than an inquest. I believe there should be an inquiry by some properly conducted tribunal into the facts of a wage dispute before there is any resort to force, rather than an inquest after the trouble has been made and the damage done, to learn the causes of the disaster." Mr. Lee is making a special trip from New York to address the Society and the officers hope for a large attendance.

DEUTSCHER VEREIN ORGANIZES

Constitution Adopted at First Regular Meeting

The first regular meeting of the Deutscher Verein took place Monday afternoon with an attendance of about forty men. The Executive Committee submitted a constitution and it was adopted as read. The election of officers then took place with the following results: A. D. Baker '17, President; F. S. King '17, Vice-President; R. Rimbach '18, Secretary; B. O'Daly '18, Treasurer; E. F. Seifert '19, Assistant Treasurer.

Those men who have not yet paid their dues, which are fifty cents, can do so by meeting a representative of the Society in the Caf today and Friday from 1 to 2 o'clock. Those who have not paid dues by the end of this week will not appear as members on the insert the society is publishing in Technique 1918. The society has decided that freshmen are eligible for membership if they have had Intermediate German or its equivalent.

SECOND TALK ON JOBS IN FOREIGN COUNTRIES

W. F. Jones to Discuss Natural Resources in Central America

This afternoon at 4 o'clock in Room 4-370, Mr. William F. Jones '09 will deliver the second of a series of five talks on the general subject of "Engineering Opportunities in Foreign Countries." Mr. Jones has just returned from Central America and is in a position to explain the resources and opportunities in those countries. His business interests are centered in certain petroleum fields located there, and he has just recently been trying to get concessions from the government for control of these fields.

Mr. Jones during his stay in Central America studied the conditions existing there, and will be able to offer many valuable suggestions to Technology men. He will spend some time discussing natural commercial resources of the various countries.

COURSE XV LECTURES

Prominent Men to Give Talks on Business Management

The February group of lecturers in the course of Engineering Administration include three well-known men. Professor Melvin T. Copeland of Cambridge, who is of the Harvard Graduate School of Business Administration, will speak on "Statistics for Executives" on Wednesday, Feb. 23; while Mr. Elisha Lee of New York, who speaks on Friday, Feb. 23, will discuss "Recent Railway Industrial Disputes" and Mr. Clinton H. Scovell of Newton, who is set down for Wednesday, Feb. 28, has for his subject "Machine Hours Rates."

Mr. Lee, assistant general manager of the Pennsylvania R. R. and chairman of the National Conference Committee of the Railways, is a graduate from the Institute in the class of '93 and a recently elected member of the Technology Corporation.

FIRST BALLET REHEARSAL

Miss Tanner Gives Dancers First Series of Steps

About thirty-five men attended the first ballet rehearsal which was held Monday afternoon in the Civil Engineering Museum. Miss Tanner directed the try-outs and had the men go through the different steps in groups of ten. Miss Tanner herself joined the



VIRGINIA TANNER

men and demonstrated how the dances should be done.

Miss Tanner requests that all men who were not present at the first rehearsal and who still want to try for the ballet attend the second rehearsal, which will be held on Saturday. As there was not time enough for anything other than the try-out last time, the new men will not be at any disadvantage if they attend the rehearsal Saturday.

The Show management has for sale quite a number of scores of two former Tech shows: "A Royal Jobbie" and "Getting Across." The price is 50 cents apiece. The management also has on hand several pictures of last year's Show, for which men have made deposits and have not completed their payments. These men are requested to come get them as soon as possible. Both the scores and the pictures may be obtained at the Show office in the basement of Building 1.

NEW PREPAREDNESS COMMITTEE TO MEET

Report Now Being Made on the Opportunities of Technology Trained Men in National War Service

MILITARY—NAVAL—INDUSTRIAL

At Friday's meeting of the Institute Committee the All-Technology Preparedness Committee will present a preliminary report on the work which has been done in the line of securing information as to the openings available and the most effective placing of Technology men in the event of war.

The attention of the committee has been directed toward seeking information not only as to military and naval opportunities, but industrial ones as well. This latter field presents considerable difficulty to the investigator, as little material is directly available, so that the committee is not at present prepared to present a full report on this matter.

Inquiry at the local recruiting office shows that in the absence of future legislation no openings would be available in the navy beyond that of enlistment as an apprentice seaman; the general belief, however, is that in time of actual need commissions would be available to college men possessed of some knowledge of navigation. This does not include possibilities in the Marine Corps and Naval Militia, which are also being investigated. The Marine Corps seems to be most desirable from the standpoint of civilian volunteers desiring active service.

In the direction of military service the opportunities are widespread. Commissions are available in every branch of the service, both in the regular army and in the reserve forces. It should be understood that in the regular army certain branches, such as the Signal Corps, are made up by detail from other arms of the service, and no direct commissions are now authorized. For technically trained men the Engineer Corps and the Coast Artillery Corps present the best openings, with field artillery next and infantry and cavalry last.

In its final report the committee expects to present to the student body a complete summary of its findings, including the duties and opportunities in every branch of the two services, the obligations incident thereto, the necessary steps and details relating to enlisting, and recommendations as to the relative desirability of the various arms from the viewpoint of Technology's trained men.

TECHNIQUE ELECTORAL COMMITTEE

At a meeting of the 1919 Technique Electoral Committee another ballot was taken for the election of Editor-in-Chief, but the necessary majority was not reached. The next meeting will be held Tuesday of next week at 5 o'clock in Room 4-138, and the committee urges all members to be present, for some decision will probably be reached at that time. The candidates for the office are C. R. French and E. F. Deacon.

THERE WILL BE A MEETING OF THE NEWS BOARD TODAY AT 1.05 O'CLOCK IN THE TECH OFFICE.

CALENDAR

- Wednesday, February 21, 1917**
12.00 M.—Track Team leaves South Station for Hartford.
1.15 P. M.—Freshman Meeting, Room 2-045.
5.00 P. M.—Meeting of 1918 Technique Room 1-156.
6.15 P. M.—Meeting of Officers of Engineering Corps, Room 3-370.
Friday, February 23, 1917
4.15 P. M.—Freshman Track Meeting in the Track House.
5.00 P. M.—Institute Committee Meeting, Room 1-190.
7.30 P. M.—C. E. Society Lecture Caf.