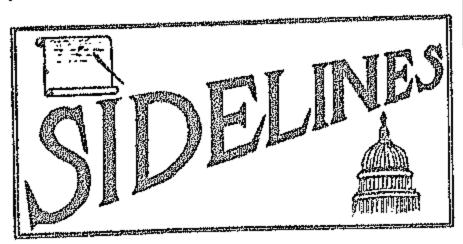
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Armour Institute of Technology, Chicago, Illinois

Tuesday, January 14, 1936



By Albert M. Lane

(Continued from last issue) THE PLIGHT IN which we find ourselves - the young blood of a nation that must shape itself to endure the labor of rebirth-was not unforeseen for us. Frederick W. Taylor took up the battle some thirty odd years ago and, with saintly perseverance, forced upon engineers a consciousness of their concern with the human element in industry. It is to his glory that the implanted has blossomed forth into full flower, but it is not through any contorted vision which he may have held that engineers have shirked their responsibilities to favor the demands of industrialists that the new knowledge be exploited at the expense of human welfare and economic stability. The counsel was the American Engineering Council ganizing the human activities in connection therewith."

IT IS OUR obligation to recognize | Harvard University. the fuller significance of our powers and to shape our course about an in mechanized production methods study of the subject. breed disproportionate increases in discard of some portion of the total and for the last five years has conavailable supply of human effort ducted graduate courses at Armour from an advance. Engineering vision must be broad enough to anticipate the forces set up by progress in the field. There must be a full comprehension of all of the effects of such forces upon economic, social, and political tranquility.

FULL RECOGNITION must be taken of the end which the machine (Continued on page 4)

Phi Lambda Upsilon Initiates Eight Men

Eight men were formally admitted to Phi Lambda Upsilon, honorary chemical engineering fraternity, at the initiation and banquet held at the Pi Kappa Phi house December 18. The new members are N. Balai, H. O. Bauermeister, N. Gerber, T. M. Gilkison, R. S. Kercher, L. W. Robbie, C. D. Rodriguez, and P. R.

Schultz. As a pledge duty these men prepared a plate glass fraternity sign in blue and red, the fraternity colors.

Pledge Two Men to Scarab Membership

On the evening of January 3, 1936, the actives and alumni members of Edfou Temple of Scarab, architectural fraternity at Armour, met at the International House to pledge Albert H. Ramp, '37, and Raymond Kliphardt, '38. Dean Heald and Mr. Emery Stanford Hall were guests at the dinner. After the dinner which was given in honor of the occasion, Mr. Hall, Fellow of the American Institute of Architects, led a discuscation."

L. J. Lease Appointed to Direct Co-op Plan

L. J. Lease, vocational director at Thornton Township High School, was recently appointed coordinator of the mechanical engineering cooperative plan. It is his duty to plan a program of studies with the student, and to make contacts between employers and students.

Mr. Lease graduated from the University of Illinois in 1904, and has worked for Western Electric Company, the Cutler Hammer Company, and has also been with Morton High School.

Ensz Is Recipient of Harvard Award

Will Leave Institute to Continue Studies

professor of civil engineering, recent- give one lecture a week next semesgiven, but its implications were dis- ly received a semester's scholarship ter on "Catalysis of Chemical Reacdained. At times the sun has not to Harvard University through the tions" which will be optional to shown so brightly and fleeting efforts of Dean Heald, and he will senior chemicals and graduate stuglimpses of the haunting specter leave Armour Institute next semes- dents. have been caught. It was at one ter to study courses under Professor such period several years ago that Terzaghi, who is often called the "Father of modern soil mechanics." | Moscow on February 17, 1895. He | general assembly will soon be held pointed to the inevitable while de- Professor Ensz will also stay at received the degree of Doctor of to consider a revised form for the fining engineering as "... the science | Cambridge to attend the Internation- | Chemistry in 1925 at Moscow Uniof controlling the forces and of util- al Conference on Soil Mechanics and versity. For a time he lectured in izing the materials of nature for the Foundation Engineering from June the Moscow Academy of Mines and benefit of man, and the art of or- | 22 to June 26, 1936. Professor | was chief chemist of the State In-Terzaghi will preside at the confer- stitute for Peat Industry. He was ence which occurs in the year of working in Germany and was the two hundredth anniversary of brought to this country by the Uni-

Introduced Course at A. I. T. even broader concept of engineering | mechanics since he first came in con- | mour, preferring the college atmoinfluence. We have the responsibil- tact with the subject through Ter- sphere to that of the company. ity to awaken ourselves to awareness | zaghi's book, published in 1925. Ter- | The doctor is a member of the that many of us are endowed with zaghi is a Czechoslovakian who con- German and American chemical the faculties and all of us are ducted studies in soil mechanics at societies. He is primarily interested equipped to further curtail the need | Roberts College, Istanbui, and at | in catalysis but has worked with for human effort in productive ca- Technische Hochschule, Vienna, Aus- peat and cellulose. pacities. It is imperative that our tria, and in 1925 established at Masforesight be keen enough to appreci- sachusetts Institute of Technology Prizes Will Feature ate the consequences of our acts. It | and Harvard University the first is no longer conjecture that increases | laboratories in this country for the

Professor Ensz is the only man in unemployment. On the contrary, it the Chicago area who has a profesis an established fact. Each such sional knowledge of soil mechanics, adds to the complexity of equalizing | Only this year, he introduced an undisbursement of benefits accruing dergraduate elective course, and he believes that it will, in time, be required in the civil engineering curr culum of every school in the country. Chairman of Committee

> At a recent conference of the Society for the Promotion of Engineering Education, he was chairman of the committee on soil mechanics. On January 15, 1936, at 7 p. m., he will address the Western Society of Engineers, in their rooms in the Engineering Building on the subject of soil mechanics. He will include a short history of the subject besides explaining what it concerns and what it accomplishes.

Three Are Awarded A.S.W. Membership

awards to the American Society for Metals were made to J. H. Johnsen, E. W. Engstrom, and R. S. Kercher at the monthly meeting of the Chicago chapter last Thursday evening. These men were chosen for the posi- ary 23. tions by Professor Carpenter, who has charge of metallurgy at Armour.

The University of Illinois, the University of Chicago, Northwestern University, Valparaiso University, and Lewis Institute were also given the same recognition. Not all of these, however, received three ap-

pointments. the Medinah Athletic Club, began at dents, numbered 72, of whom eight ance carried by the Kroger Consum- 1935. Dean Heald, Professor Ensz, 6:30 p. m. with dinner and enter-were women. tainment. After that Mr. R. Archer, the national president, gave a talk of the balloting were obtained for a successful insurance broker must initiation banquet. Following the Boulder City, the problems of pouron "Does Research Pay" in which he the questions concerning dictatorbrought out all of the salient facts | ships, in which no one approved of a

search.

Universal Oil Products Company to Organize Research Lab at Armour

Universal Oil Products Company, a research organization engaged in developing processes of making gasoline and other oil by-products, is installing a research laboratory at the Institute. The metallurgy lab, "dark room," and Professor Carpenter's office have been moved to Machinery Hall at the expense of the company to make room for the Council. laboratory.

To Lecture Weekly Dr. Vasili Komarewsky, lecturer and chemist, will conduct research work for the company on the catalytic reactions of paraffin hydrocarbons. The principal object of the work will be to discover catalytic fraternity men and stray Greeks. agents which will aid reactions in cracking crude oil to make gasoline. He will also work with many gaseous products of little value with the hope of reforming them to gaso-Professor Herbert Ensz, associate line. Along with this work, he will

Born in Moscow

versal Oil Products Company. He did research work at Northwestern Professor Ensz has studied soil University and now will work at Ar-

W9YW's Card Party

Prizes, entertainment and refreshments will be the order of the evening at the Armour Tech Radio Club | constitution calling for the appointcard party to be held in Armour | ment of a social chairman whose ap-Mission at 8 p. m. on January 17, proval must be secured on the date 1936. Bertram Heine and his new of all social events. accordion will be a feature of the party. The winner at each table will receive a prize worth the price of admission, and numerous door prizes, made available by several manufacturers, will be given out. Ticket sales will be limited to 150, tickets being available from any member of | formal. the Armour Tech Radio Club.

TECH NEWS TO CONDUCT POLL ON WAR VIEWS

Are more than 72 readers of the Armour Tech News sufficiently interested in world affairs to give their views on war? This question, among others, will be answered by the poll to be conducted by the News through Honorary junior membership the medium of the war ballot appearing elsewhere in this issue. Every one, student or other, is eligible to vote, but the ballots must be placed in the News box in the lobby of the main building before Janu-

A similar ballot has been submitted to the students of the University of Denver and Purdue University during the past few months. The results at the latter institution showed that, out of the 100 ballots returned, only 72 were valid, with the remainder obviously duplications. Voting in the poll at Purdue, including students, faculty, The meeting, which was held at stenographers, and high school stu-

The most decisive of the results were in favor of Communist rule.

Fraternities to Hold Dance February 29

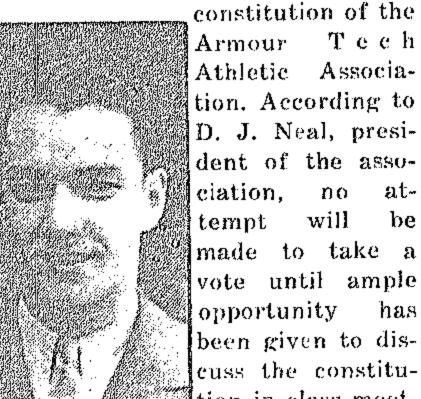
On Saturday, February 29, Armour fraternities are to hold a formal dinner-dance at the Chicago Beach Hotel. This has been the decision of a special social committee appointed by the Interfraternity

George Savidis, president of Phi Pi Phi and chairman of the committee, stated that he has heard manya fine orchestra in the past few weeks and hopes to engage a real toe-persuasive band. The dinnerdance will be open only to Armour

REVISED A.T.A.A. TO BE DISCUSSED

Juniors and Seniors to Meet Before Date is Set

Awaiting only meetings of the Dr. Komarewsky was born in junior and senior classes, another



D. J. Neal, president of the association, no attempt will be made to take a vote until ample opportunity has been given to discuss the constitution in class meet-

Armour Tech

Athletic Associa-

D. J. Neal ings.

Frosh and Sophs Have Approved Before the Christmas holidays, both the freshman and the sophomore classes discussed the new form and expressed their satisfaction with it, with the exception that the freshmen went on record as favoring retention of the article in the present

Article Not Observed

Although this article is now in force, it has not been observed in recent years. Some confusion was caused last fall when the freshmen scheduled a dance to take place a

The revision of the constitution was originally made by Neal, but further revisions have been made by a committee composed of R. R. Johnson, J. O. Larson, H. P. Milleville, S. M. Miner, D. J. Neal, R. M. Paulsen, R. A. Peterson, and F. X. A.S.M.E. and A.I.E.E. Popper.

The complete revised text of the constitution is given on page 5 in this issue of the News.

"Oil Fires" Is Topic at Next F.P.E.S. Meeting

At the next meeting of the F.P.E.S., to be held Friday, January 24, in B Mission at 10:30, Mr. Charles P. Holmes will present an illustrated lecture "Oil Fires and Their Extinguishing."

Plans are already being formulated for a smoker to be held at the Lawson Y.M.C.A., sometime early in Four Wen Imitiated March.

At the meeting of last Friday, Donald M. Wood, of the firm Childs and Wood, gave a talk illustrating giving an example of the procedure followed in investigating the insurers Company.

sion on the topic "Architectural Edu- concerning modern industrial re- Fascist dictatorship and only two ing, and also possess a knowledge of manufacturing.

GOODWAN THEATRE FEB. 28

This Concert is First to be Presented to General Public at Admission Charge; Proceeds to Help Finance Trips

SPONSORED BY FACULTY WOMEN'S CLUB

Arx Dance To Be at Steuben Club

Final arrangements have been made for the annual Arx Dance to February 28, 1936, at 8:30 p. m. be known this year as the Charette. The Women's Faculty Club will The dance will be held in the Grand | sponsor this concert, the tickets for Ballroom of the Steuben Club, on which are fifty cents each and are February 7. Music is to be furnished now on sale in the lobby of the main by Jimmie LeRoy and his orchestra, building during the lunch period. All and the bids have been attractively seats are reserved, since they are priced at \$1.25.

posters must be delivered to the stu- ately. dent supply store by noon, Friday. The awards will consist of one full bid and two half bids. Each poster the Musical Clubs will present sevis to contain the particulars outlined | eral other programs, the first of

may do so by selling five. Interested | certs, sponsored by the Illinois Cenparties may contact any of the mem- tral Railroad and by the National bers of the social committee: R. W. | College of Education, will be given Becker, H. F. Lohmiller, B. Nobler, in February. A. H. Ramp, and E. F. Schmaltz.

Welding Group to Meet at Armour

At the next monthly meeting of the Chicago chapter of the American an entirely new note, never before Welding Society, Mr. Jules Muller, heard, it being the first time that head of the metallurgical department of the Central Steel and Wire Co. of Chicago, will talk on "The Metal- Chicago. lurgy of Welding." Through the courtesy of Armour Institute, the society has arranged to hold its meetings in the Assembly Hall of the First, they wish to show to a larger Mission building, and has invited those students who are interested in the meetings to attend.

day of each month at eight o'clock the glee club and orchestra organizain the evening. Preceding each tions, both under the skillful baton meeting Mr. Muller will conduct a one-hour class on the metallurgy of welding.

The first meeting of the society at the Institute was held on December week before the annual senior in- 27 with 125 present in spite of slushy streets. Some special equipment was brought down for demonstrations in the forge shop on the first floor of Machinery Hall. The (Continued on page 4)

to Hear Woodworth

On Friday, January 24, the A. S. M. E. and A. I. E. E., in joint meeting, will hear a talk "Engineering Work and the Law Course" by Mr. P. B. Woodworth, a Chicago patent attorney. The meeting will be held in Science Hall.

Mr. P. B. Juhnke, chief load dispatcher of the Commonwealth Edison Company, was heard by the A. S. M. E. last Friday on the subject "Load Distribution of the Mid-West and of the Chicago Stations in Particular."

Into Civil Honorary

Styrsky, seniors, and L. E. Zwissler, composed of granite, the dam was the work of the insurance broker by junior, were initiated into Chi Ep- built in Black Canyon because these silon, honorary civil engineering fra- five congressmen recommended it as ternity, on Saturday, December 28, the dam site. Professor Stevens, active members, of surveying and preparing the walls Mr. Wood stated that a man to be and a few alumni were present at the of the canyon, the building of be well informed in mathematics, banquet, the party adjourned to the ing concrete, transporting the gimechanics, law, medicine, account- Grand Theater, where they enjoyed gantic conduits, turning the river "Anything Goes," the popular cur- from its course, and the other engirent stage play.

After studying for three and onehalf years under O. Gordon Erickson, the Armour Tech Musical Clubs have decided to expand their activities by presenting a public concert at the Goodman Theatre on Friday, equally advantageous but it will be A poster contest has been an necessary for those desiring a group nounced with everyone eligible. All of tickets to purchase them immedi-

To Present Other Programs

Before this concert takes place, them on January 17 at the McCor-Anyone wishing to earn a free bid | mack Y. W. C. A. Two other con-

The following statement on the public concert at the Goodman was issued by George W. Ormsby, president of the Musical Clubs:

"The most important note of the year to be struck by the Armour Tech Musical Clubs will be the concert in the Goodman Theatre Friday, February 28, at 8:30 p. m. This is Armour's Musical Clubs have appeared in any theatre concert in

Reasons for Concert

"The musical clubs have more than one purpose in giving this concert. public than ever before, that Armour produces well-rounded men of diversified interests as well as thor-Meetings are held on the last Fri- oughly trained engineers. Through (Continued on page 4)

To Repeat Talk on' Boulder Dam

Mr. R. A. Kirkpatrick, a special representative of the Union Pacific Railroad Company, who talked at Armour last February on the problems connected with the construction and location of Boulder Dam, is going to lecture again on the same subject next Friday at 10:30 in the assembly hall. Those who heard his talk last year will remember that concrete was being poured for the huge structure at that time. At present the dam is nearing completion.

In last year's lecture Mr. Kirkpatrick told of the terrible flood conditions which the Colorado River brought about annually in the Imperial Valley. When, in 1905, an especially disastrous flood occurred, Congress was aroused to investigate the condition. One man spent twelve years in finding the best possible site for the dam, and chose Boulder Canyon. A party of five congressmen visited the site, but saw a place which they liked better-Black Canyon, the sides of which were volcanic J. E. Linden, S. T. Nylen, J. S. rock. Although Boulder Canyon was

The lecture included the problems neering details of the project.