

The Knowledge Bank at The Ohio State University

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Departments and Societies



At the S.S.I.E. Christmas Dance.

S. S. I. E.

A. I. I. E. Christmas dance was held December 15th at Neil Hall. The thought of finals starting the next day did not seem to stop anyone from having a good time. The music feature, Glenn Miller, Benny Goodman and Larry Clinton.

The chaperons were Mr. and Mrs. Poole, Mr. and Mrs. Snyder, and Prof. and Mrs. Younger. Mr. Poole did his bit to brighten up the party with his photo flash bulbs, which kept the place aglow for his camera. Chief must have been camera shy as he made sure he was just out of range when Mr. Poole's blinding light split THE darkness. He made up for this thought

when he showed the boys how it should be done. We never knew that Chief was a flash till he let go with his version how a jiggerbug should jitter.

Among the "400" present was that southern flash Hodges, and "four times under the mistletoe Ditwiler" and it was Jim Brown girl! That master of the dance, Bill Nungesser, who tripped the light-fan-tastic after what he wanted. Casonova Cassidy was there with his customary blonde. Smoothy Spraitzar tryed but in vain to live up to that old mistletoe custom. Ed. Jones brought another of his queens and take it from Bob Overbeck—she can really dance.

We all have Don Clark to thank for the good time we had. He and his committee did a swell job.

ENGINEER'S COUNCIL

The Engineer's Council has been buzzing with activity to prepare for the annual Engineer's Prom. The latest facts on the dance are: to be held Friday, February 2, 1940 at the Men's Gymnasium from 9:00 to 1:00 A.M., the dance will be semi-formal, and the announcement of the orchestra will be made immediately upon the reopening of school.

A petition was circulated by members which succeeded in securing the use of the Men's Gym for this dance; however, council members are urging the co-operation of all engineers, especially of the freshmen and sophomores in order that the attendance will insure the availability of the gym for future Engineering Proms.

A new feature is being introduced into the dance by Texnikoi who will conduct a tapping ceremony to announce the newly elected members consisting of fifteen outstanding juniors in engineering. This new honorary fraternity sponsors activities on the engineering campus, membership to which is based on activities, personality, and academic work.

OHIO STATE EE's VISIT CINCINNATI

Thursday afternoon, January 11, thirty-five members of the Ohio State branch of A.I.E.E. piled into a bus in front of Robinson Laboratory and headed southwest, to be guests of the University of Cincinnati branch in a two-day program of events.

Reaching the Queen City early in the evening, the group was met at the Y.M.C.A. by a delegation of Cincinnati men, and after an unofficial welcome there, proceeded to the Student Union Building on the University of Cincinnati Campus where the official welcome and banquet took place. Other guests that evening besides the Ohio State Branch of A.I.E.E. were the Cincinnati sections of A.I.E.E. and I.R.E., the Dayton Engineers Club, and the Cincinnati Chapter of Sigma Xi. The banquet speaker was Mr. Charles Ewald, whose talk on United States Relationships with Latin American Countries was so interesting as to make those present regret his time to speak was so limited.

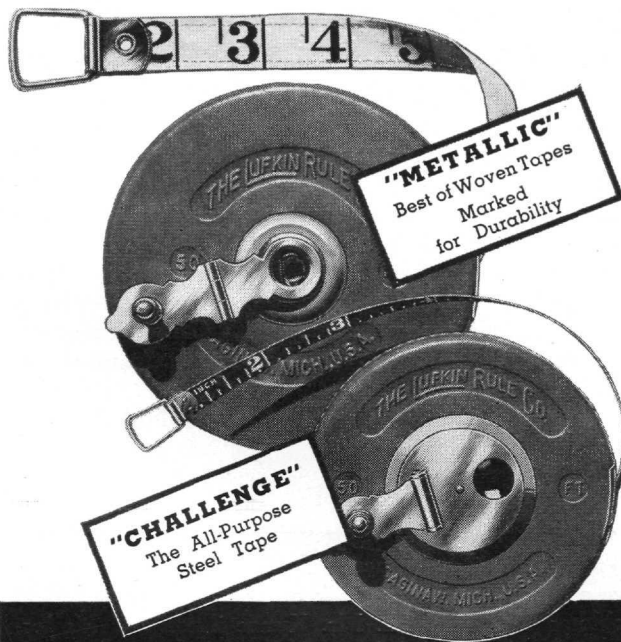
After the banquet, the entire attendance proceeded to the Wilson Auditorium where a joint meeting was held to hear Mr. Homer Dudley, a Bell Laboratories engineer, on the subject "The Vocoder Remakes Speech". Mr. Dudley's wit, together with the extraordinary antics of the two tons of speech equipment he demonstrated, provided the audience no end of entertainment. Aside from the fun, this program was highly instructive and of a nature sufficiently non-technical so that even the ladies and engineering students present could understand it.

The joint meeting lasted till about 10:30 p. m. January 11. Why the members of the Ohio State Branch had a hard time to get up at 7 a. m. January 12 remains one of the mysteries of life.

Starting off bright and early on Friday morning, the group walked ten miles inspecting the buildings of the University of Cincinnati, then a hundred miles inspecting the plant of the Crosley Corporation. After lunch at the Student Union Cafeteria on the Campus, a thousand-mile walk was undertaken in an inspection trip of the Bullock Works of the Allis-Chalmers Co., where the phases of electric motor construction were witnessed first hand. The final inspection trip was a ten-thousand mile jaunt through the plant of the Cincinnati Milling Machine Co. (Distance figures are anatomical and upon analysis are found to be slightly exaggerated.)

Returning to the campus, the boys were guests at an afternoon dance sponsored by the "Engineer" Girls' Co-op Club. It was a revelation to discover that the girls enrolled in Business Administration at U. C. are called "Engineers". The OSU men found, however, that that did not detract one bit from their charming personalities. The Don Juans from Columbus did right well by themselves, as the U.C. men present will bemoaningly testify.

Supper at the Student Union Cafeteria officially concluded the program, and left the group with four hours before the trip home. What they did that evening must go unspoken here, though the occasion will go down in the personal history of each man as a waste of time or a lot of fun, or both, depending entirely on viewpoint.



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OHIO STATE RADIO CLUB

W8LT is brisking with activity these days. Radio Club members have had the powerful No. 1 transmitter almost continually on the 3.5, 7 and 14 megacycle code bands and on the 3.9 and 14 megacycle phone bands. The station took an active part in the American Radio Relay League Sweepstakes Contest, a nationwide activity, in the middle of November. Intercollegiate contacts are at a high ebb, these contacts having been established with Purdue and West Virginia University, and others planned with Ohio University, University of Cincinnati, and Armour Institute of Technology.

Meanwhile construction work on the No. 2 transmitter is going on at a good clip, and it is expected that this transmitter will be in operation early in the Winter Quarter.

At a regular meeting of the Club November 20, Mr. Allen Kunze, Department of Electrical Engineering, gave a highly interesting talk on some of the technical problems of Television. Mr. Kunze illustrated his lecture with numerous slides and drawings.

Mr. Roger Pieracci of the Collins Radio Company, at present a graduate assistant in the Department of Electrical Engineering, was guest speaker at a dinner meeting held December 4. Mr. Pieracci told of his experiences touring Europe last summer by bicycle.

Officers for the Winter Quarter were elected December 11. President Jack M. Shulman and Vice President William M. Hildebrand were re-elected. Paul V. Heffner was elected Secretary-Treasurer, and Wilbur F. Tipton was elected Technician.

KERAMOS

Keramos, Ceramic Engineering Honorary, held a dinner meeting at the Dutch Tavern on Wednesday, December 6, at 6:00 p.m.

President Newton requested reports on the progress of the projects undertaken by the society for the school year.

Mr. Petty reported that after careful consideration, his committee has recommended that the proposed survey on periodic kilns be deferred until next year. Mr. Lennon stated that the questionnaire to be sent to the operators of continuous tunnel kilns has been formulated. The group decided, upon the suggestion by Professor Watts, to take immediate action on this project so that work on the compilation and correlation of the data received might begin early next quarter. A list of operators is being sought from the manufacturers of tunnel kilns.

The group furnishing abstracts of recent ceramic articles to enameling companies, according to Mr. Newton, were making satisfactory progress and expected to release an issue shortly.

Mr. Postlewaite was appointed to arrange for a "Keramos Open House" to be held Winter Quarter. The purpose of this get-together is to acquaint the ceramic students with the members of the fraternity and its purposes.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

Dr. H. W. Rinehart, of the personnel division of the Dupont Company, Wilmington, Delaware and Dr. R. L. Sibley, Monsanto Chemical Company, Nitro, West Virginia addressed the Student Branch of the American Institute of Chemical Engineers on "The Personnel Requirements for Chemical Engineers in the Dupont Company" and "Ramification of Chemical Manufacture as illustrated by the Monsanto Chemical Company Operation".

They both emphasized the need for men with Ph.D. and M.S. degrees in some departments of the organizations while only bachelors of Chemical Engineering are necessary in others.

Dr. Rinehart and Dr. Sibley also emphasized that the policies of their companies did not permit the admission of men to the technical sales portion of the work of the corporations until they had proved themselves by laboratory and plant work to be capable Chemical Engineers.

TAU BETA PI

The activities of the Ohio Gamma Chapter of Tau Beta Pi for the Autumn Quarter, 1939, were culminated in the initiation and banquet at Fort Hayes Hotel, Saturday, December 2. Dean Charles E. MacQuigg acted as master of ceremonies and Professor Harvey Walker, department of political science, was the speaker for the evening, giving his ideas on the position of the engineer in public life.

Prizes for the work done by the new members for initiation were awarded during the banquet. Recipients were Ted McQuaide and Orly Musgrave for prize Bents, L. D. Offensend for the highest examination grade, and Perry E. Borchers. The prize winning essayist has not yet been decided.

Activities for the Winter Quarter will begin with several business meetings at Pomerene Refectory, the first being January 10, 1939.

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Student Branch of American Ceramic Society

The regular meeting of the Student Branch of the American Ceramic Society at Ohio State University was held in Lord Hall, November 28, 1939 at 7:30 P.M.

President Petty called the meeting to order and the minutes of the previous meeting were read and approved. Mr. Postlewaite presented a treasury report and Mr. Hoelscher reviewed the successes of the football, volley ball, and bowling teams and requested members to organize a basketball team for intramural competition.

The business meeting was adjourned to permit Dr. C. J. Koenig to speak on "The Uses of Nepheline Syenite in the Ceramic Industries". Dr. Koenig has been working on the problem in the application and uses of Nepheline Syenite in the ceramic industries at the Ohio State University Engineering Experiment Station. He spoke on the chemical and mineral composition, method of formation, and the deposits of this material. He described the crushing and concentration processes used in refining Nepheline Syenite, and the use of electromagnetic fields to separate the magnetite with such thoroughness as to permit its use in glazes and white wares. The source for the United States is from the Lakefield, Ontario deposit and is defined by the Nepheline Corporation, Rochester, New York.

Dr. Koenig used slides to illustrate and supplement his talk, showing graphs and oscillograph pictures which clearly showed the superior results obtained by the use of Nepheline Syenite over feldspars. He stated that this material is now used rather extensively in the glass, structural clay bodies, enamels, sanitary porcelain, semi-vitreous ware, floor and wall tile, and others; in fact, according to Dr. Koenig, it has been used with success in every field of ceramics except refractories, but the use of Nepheline Syenite as a binding agent is being perfected for the refractory industry at the present time.

The keen interest of the group in this new ceramic raw material was evidenced by the many questions asked Dr. Koenig upon the conclusion of his discussion.

Mathematics is the most marvelous instrument created by the genius of man for the discovery of truth.

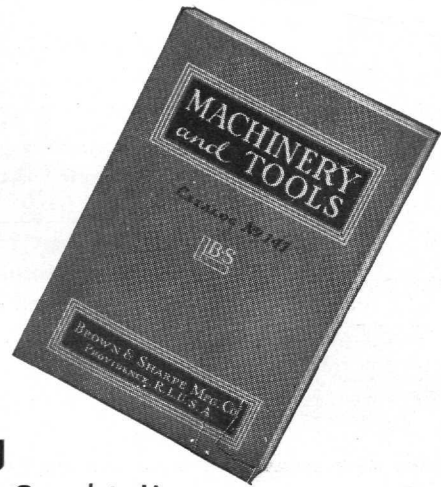
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FIRST FLOOR — POMERENE HALL

There was an education student who believed that the engineers were more intelligent than the commerce students. To prove this he took a commerce student into a hardware store in which the clerk was also a commerce student.

"I want to get a left handed monkey wrench," said the education student.

"I am sorry", replied the clerk, "but we have none." This action puzzled the first commerce student but being patient he said nothing yet.

Upon entering another hardware store where a prospective engineer waited upon them, they asked him the same thing.

"Yes sir," was the answer, "we just received a new shipment this forenoon." He went into the back and brought forth a box of a dozen, opened it, and placed the wrenches on the counter turning every other one over.

"That proves the intelligence of the engineer, doesn't it"?

"Not necessarily", retorted the first commerce student, "he was just lucky enough to have some on hand."

You can't get a bushel of apples out of a peck measure, but it is quite easy to get a peck of trouble out of a pint flask.

"Oh, papa slipped on the ice,
Because he could not stand.
He saw the glorious stars and stripes,
We saw our father land."

"A little boy and his mother were walking down Fifth Avenue in New York. The little boy was looking at the skyscrapers. Turning to his mother he said, 'Are there skyscrapers in heaven?'

"His mother replied, 'No dear, engineers build skyscrapers'."

And then there's the girl who married a banker, divorced him, then married an actor, upon his death married a doctor, and after divorcing him, married a mortician.

She was merely following "One for the money, two for the show, three to get ready, and four to go".

Boss: "Well, Pat, so you want to leave the works. Are your wages too small?"

Pat: "The wages are alright, sir, but I'm afraid that I'm keepin' a horse out of work."

Never give a man up until he has failed at something he likes.
