

Woman to Speak at W.S.E. Meeting

Proving that all engineering is not accomplished by men, the Chicago Junior section of the Western Society of Engineers has chosen a woman to speak on "Pre-Construction Problems of Housing" at the next meeting on Thursday, March 14. She is Miss Elizabeth Wood, Executive Director of the Metropolitan Housing Council, which has charge of the three large reconstruction projects now under way in Chicago.

The social and economic phases, rather than the strictly technical side of the rehousing program, will be covered in this talk, which will be given in Room 1200 of the Engineer's Building, 205 N. Wacker Drive, at 7:00 o'clock.

Kadic Presents Paper

Planned progress, as applied to national recovery would, if practiced in the past, have saved the country a major portion of the five billion dollar work relief bill now before Congress. This was one of the points brought out by Irving J. Kadic, of the Illinois State Planning commission, in his paper on "New Frontiers," presented at a meeting of the Western Society of Engineers on March 7.

The pioneers were taken by Mr. Kadic as the prototype which set the standards and ideals of the early American nation. With a real physical frontier ever before them, they were forced by conditions to be extremely individualistic, but were nevertheless bound together by the aspiration to "conquer the continent." The constant urge of the pioneers to expand was not satisfied until their border disappeared forever, in the Pacific.

Bridges Burned

With the pioneers' border definitely gone, we have yet to provide a satisfactory substitute. History will probably show that the last one hundred years have covered the efforts of more than five hundred years. A people with this tremendous record at its back is now in the position of a man who sees that the road he is following to some unknown and unseen destiny is dropping into a valley of complete blackness. To go ahead seems dangerous; to lag behind is to invite the fate of stagnacy that overtook the Roman and Persian empires.

If the country is to move forward, as its heritage cannot but require it to do, it might be pointed out that the extreme measures are in the direction of communism, but even such extremes are preferable, to the American people, to the alternative of fascism, according to the speaker.

Social Problems Increasing

With the tempo of the people moving in the direction of a frontier, it seems highly probable that our new frontiers will be in the direction of social advantages reaching more people. We are already recognizing this in smaller agricultural units, where the principle is coming to be recognized that if a man settles on land so poor that it will not support him, he will eventually become a public charge. This idea is also being expanded to other lines of endeavor, the responsibility of individual and state becoming more definite as their functions are realized.

The problems met with by engineers, who set out in the new social relations, are found to be surprisingly different from those of engineering practice. Whereas the engineering conditions may be isolated and all the reactions determined, the economic structure is so closely knit that any change made, in agriculture for example, makes itself felt in a dozen other fields and in other countries. In addition the engineers' problems are fairly static, while those of our political organization are constantly and rapidly varying.

Balance Needed

We may, perhaps, best come to solutions of these economic problems by attempting in some way to strike a balance. One of the crying needs for some new technique is the paradox of many people being without manufactured articles which they need, while at the same time, the workers who would produce these goods are unemployed.

Cooperative endeavors seem to be a very healthy sign of movements in the right direction. One organization, the National Resources Board, gave considerable service to local groups which were reorganizing their local governments. Another, the fam-

Railway Exhibition Is to Open at Coliseum

New appliances for the construction, maintenance, and operation of railways are the attractions at the twenty-fourth annual exhibition of the National Railway Appliance Association which opened yesterday at the Coliseum.

The exhibition is being held in conjunction with the annual conference of two important engineering bodies: The American Railway Engineering Association and the Signal Section of the American Railway Association. These sessions, as well as the exhibition, will last four days, March 11 to 14.

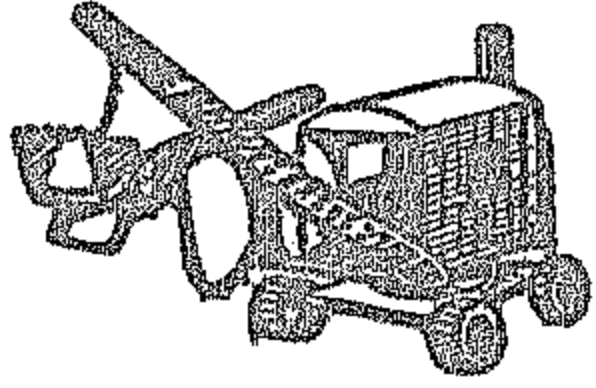
Students of civil engineering will be especially interested in the show for here they can observe the practical applications of the theoretical knowledge developed in the class room.

Free passes may be obtained by the civil engineering students from Professor Stevens, while the Dean's office has passes for distribution to other departments. Either individuals or groups of students may attend.

ous Agricultural Adjustment Administration, has covered remarkable territory in getting farmers to cooperate with their neighbors in an endeavor which they felt to be to the good of all.

The many schemes of setting up new ideals and frontiers require men for administrative positions whose functions are such as belong to the engineer. Together with public utilities, these new fields of public service and planning hold the greatest promise of employment in the future of the engineer.

THE STEAM SHOVEL



Honorable mention for sharp-shooting goes to "head-hunter" SPRAGUE for capture of a ferocious bewhiskered mouse in D-Mission Friday.

SAM BIBB'S 9:30 class is going to derive the equation for the curve in the part in his hair. It ought to be easy because it remains constant from day to day.

WANTED: by W. J. BOLZ A blonde living within a mile radius of Irving and Ashland. He offers his good looks, pocket money, a car, and personality. Gold diggers need not apply. (He has a coat and hat too.)

MISTER WM. R. HEINTZ seems to be a member of the Fascist silk "Black Shirts." It's probably because there's a close resemblance between it and our famous atmosphere.

And DOC STYRSKY, the famous lover, claims that he owes everything to PROF. HUNTLEY. It was from him that he learned that they neck before they yield.

What has become of the "Broken Beaker"? Has this Senior Schmier award dropped from circulation forever? If not, why hasn't Al Lauchis received it? It isn't everyone who has calcium carbonated the whole Chem Engineering lab—and

New Isotopes Found by English Scientist

Professor F. W. Aston of Cambridge University and former Nobel Prize winner, announced the discovery of twenty-odd isotopes of chemical elements to the Royal Society of London. His discoveries are the result of several years of precise spectrographic work on a dozen elements.

The record of isotopes kept by Professor Aston shows that two hundred and forty-seven isotopes are known, from seventy-nine of the ninety-two elements.

The new isotopes are those of cadmium, calcium, carbon, gallium, hafnium, indium, iron, nickel, rhodium, silver, thorium, titanium, and zirconium. They were discovered by the use of the mass spectrophotograph, which is an instrument that serves as a delicate balance for weighing the elements.

Professor Aston also announced the discovery of rays emitted by hafnium, thorium, and rhodium.

It is believed that there are stable atoms for every whole number atomic weight from one to two hundred and ten.

even dripped over into the Frosh Chem lab.

P. S.—Al surely looks pretty with mop in hand and pants rolled up—ready for action.

When GUNDERSON, LEWIS, MARTY, and MULLANE were little boys, they never realized that they'd have such good facilities for playing "choo choo train" as they found in the senior chem. lab.

"Now take a piece of cast iron," said PROF. CARPENTER as he pulled out his watch.

PLAYERS—

(Continued from page 1)

and then called back, only to be requested to exit again by the incisive Elena. The poor obsequious servant Luka, played by John Speropoulos, could most certainly have fainted in a heap when he saw Elena in the arms of the impetuous Gregory at the end of the play.

To us, the performance of "The Boor" was highly satisfactory and the appreciative audience will certainly welcome Miss Naylor back should she appear in another play here.

In between the acts the audience was entertained in true style by Bertram Heine and his accordion.

To the audience, it appears easy to give a play; but little thought is given to the weary hours spent at rehearsal or the work of the production staff. The electricians, stage hands, and scenic designers spend many an hour in dismal oblivion so that the players may do their bit under the most favorable circumstances possible. Joseph Kichaven, Richard Lischer and Michael Pantone worked patiently into the wee small hours of the morning putting on the finishing touches. The admirable scenery was done by Lischer and Kichaven, who appeared in Dress Reversal as scene painters. Pantone did not appear before the audience.

The second play, "Dress Reversal" was an openly uproarious comedy, and it disclosed some of the woes of Professor Hendricks, who directed both these comedies. A group of actors are putting on a dress rehearsal, but alas! The bell won't ring, the gun won't shoot, the lines are not learned, the cues are missed, the actors come and go "like ripples in a stream," and the woe-begone di-

rector, played by Sydney Miner, who can take plenty, finally faints away after "helpful little Horace" is plastered all over the floor by the butler. Tom Jones in a cutaway coat and undershirt—he wanted to keep the boiled one clean—as the butler, kept up the suspense throughout the play. We wondered if he really would reach ten counts.

Budd Sills and Bill Emmerich, who took the parts of two buxom young ladies, merited an affirmative answer to the question of Sills, "Ain't I something, huh?"

Concert Given Last Friday for Y.W.C.A.

Last Friday night the one hundred members of the Armour Tech musical clubs presented a concert at the McCormack Y.W.C.A. at Dearborn and Oak streets, Chicago.

The Glee Club presented many of those numbers which proved popular at other engagements. Their program included: "Dear Land of Home," by Sibelius; "Sylvia," by Speaks, "Pop Goes the Weasel," and a group of three negro songs: "Plantation," "Sleep Kentucky Babe," and "Swing Along."

The Orchestra presented "Light Cavalry Overture," "In a Persian Market," and that delightful tone poem of Kettelby, "In a Monastery Garden."

R. Dalton sang "Gypsy Love Song," accompanied by G. Ormsby at the piano and against a background of humming by the Glee Club.

H. Hale gave a tenor solo "At Dawning." He was accompanied by piano and violin.

After the concert an informal dance was held with Del Campo and his orchestra supplying the music.

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I'm your best friend

I am your Lucky Strike

There's nothing friendly about the sharp, bitter sting of unripe top to-bacco leaves. There's nothing friendly about the grimy, flavorless bottom leaves. But there's a wealth of friendliness, of mildness in the rich, mellow-ripe center leaves. And I am made of these fragrant, expensive center leaves, only.

I'll not irritate your throat. I'll never let you down. I'm your best friend. I am your Lucky Strike.

LUCKIES USE ONLY THE CENTER LEAVES
CENTER LEAVES GIVE YOU THE MILDEST SMOKE

They Taste Better

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