

A.I.E.E. Hears Talk on Radio

Illustrating his lecture with slides, pictures, and actual apparatus, Mr. W. Schroeder of United Airlines spoke last Friday before the local A. I. E. E. chapter on "Developments of Radio Aeronautics."

Mr. Schroeder contrasted the clumsy, heavy, inefficient two-way communication sets that were used ten years ago with modern equipment. So unpopular were the old sets that the federal government had to offer a special rate to induce air-mail planes to carry them. But at the present time, few commercial airplanes are without radio apparatus.

The entire United States is now honeycombed with a system of "radio beacon transmitters", making it possible for regular flights between any two points to be made blind. It is not necessary to see the ground even once between the time of taking off and landing. Details of operation of the radio beacon were explained with a chart, and a signal generator simulated the sounds heard by a pilot when his plane was on or off course.

Mr. Schroeder, who is an Armour graduate, then told of experiments in other phases of airplane-radio which he helped develop. Static eliminators, radio-altimeters, and landing beams have been the subjects of recent work. He believes these will play an important part in commercial aviation for the next few years.

A special meeting of the A.I.E.E. chapter will be held next Friday at 10:30 in 202M. Plans for open house will be worked out. At the next regular meeting, to be held the following week, two student speakers are scheduled, G. E. Frost on Fourier series, and E. M. Rosenthal on the photoelectric effect.

Fire Prevention Lecture Given by Frank L. Erion

An engrossing talk on fire prevention was presented by Frank L. Erion to the F.P.E.S. at 10:30 A. M. in Room A Main last Friday. Mr. Erion was introduced by President Paul Hoffman as an independent insurance adjuster very active in his field.

The crux of Mr. Erion's talk was the fire protection engineer's duty to eliminate fire hazards. If industry were to use the services of competent fire protection engineers to the fullest extent, the services of the insurance adjuster would be almost unnecessary. However, Mr. Erion stressed the fact that not all fires are preventable. There are always a certain number of fire causes which cannot be foreseen, such as the surreptitiously smoked and carelessly thrown cigarette. However, proper precautions in the storage of inflammable products, shielding of open flames, proper installation, and care of sprinkler systems are factors easily under control of a competent engineer trained in fire prevention, and one can do much to cut down the terrific annual loss to industry from fires.

NEW CONSTITUTION—

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conflicts with other duties. The inclusion of a Tech News representative and opening of the meetings are innovations which will publicize the doings of the board, bringing their actions more directly before the students.

Article VIII. A most important change is made here. The amendments may now be passed by 2/3 students voting in an election, not 2/3 of the whole student body. This is made because it was impossible to make amendments under the old rules since a vote of 2/3 of the students could never be obtained. This change will now permit easy amendment without strong-arming the constitution.

Changes in the by-laws are the following:

Article II., Sec. 4. A new section designed to expedite the handling of intramural activities, particularly the giving of awards.

Article VII., Sec. 1. An addition is made at the end providing for the purchase of equipment by the athletic director. This is in accordance with standard practices in most other colleges and universities.

All of these changes have been made for the purpose of improving the condition of the A.T.S.A. Vote on these proposals should be taken this week. Consider the changes carefully and vote!

KNOW YOUR PROFS

Well, he's not a professor, or a dean . . . and he doesn't have his name listed in *Who's Who* . . . nor is he even an instructor. Yet everyone of us knows him. Without a man like this a school would cease to be a school. He knows as much, and in some cases a little more, about each of us than the dean does. He has even more information about us at his fingertips. Yet this mild-mannered man and his unassuming personality cause us to make him the last man in the world we would think about. Who is this "Lone Ranger" anyhow?

It happens that he has worked his way through Armour's Evening School. Back in 1907 he started, both as a boy in the cashier's office, and an evening student at the Institute. After two years he became a boy in the dean's office, and later a clerk there. When seven years of night school had elapsed, he decided to devote his entire time to his job at the Institute, and nine years of persistence finally netted him the position of recorder of Armour Institute, in 1923. Here his luck seemed to come in nine's, for it took nine years more of persistence, until, in 1932 he became—well, all right, I'll tell you his name now; you've been patient enough—the registrar at Armour Institute:

William E. Kelly

His home town is Antioch, Illinois; and he still returns to his cottage at Cross Lake in Antioch every summer. He is a member of the Illinois Association of Collegiate Registrars, and the American Association of Collegiate Registrars, which seems to indicate that there really is something to this business of being a registrar, even though all I know is that it entails the keeping of records a-plenty, and going around to high schools to interview Armour's prospective students. Yes you're right. Many of us would not be here, had not Mr. Kelly come around to tell us of the existence of a one Armour Institute of Technology.

Mr. Kelly is also a member of the Society of Promotion of Engineering Education, the Masonic Order, and the Modern Woodmen of America.

Though he has done quite a bit of travelling, Antioch still beckons to his call. He has been as far south as New Orleans, and as far east as New York, having visited most of the states this side of the Mississippi. He is also quite a sportsman, having as his hobbies fishing, golf, bridge, and stamps.

Eight Men Pledged by Alpha Chi Sigma

At meetings on Monday, March 27, and Friday, March 31, Alpha Psi chapter of Alpha Chi Sigma conducted the pledging of five sophomores and three juniors into the professional chemical fraternity. Candidates were selected on the basis of scholastic standing, activities, and character. The following are the men selected:

Albert Furch, Ch.E. '41.
R. D. Jackel, Ch.E. '41.
W. F. Massman, Ch.E. '41.
C. D. McAleer, Ch.E. '41.
W. P. Molda, Ch.E. '41.
J. D. Charlton, Ch.E. '40.
R. J. Wagner, Ch.E. '40.
C. H. Schultz, Ch.E. '40.

Personnel Men To Give Talks Before Seniors

In an effort to determine what their prospective employers will require in the way of character, technical knowledge, and personality, the senior class has appointed a committee headed by I. M. Footlik to obtain noted men in the field of industry and personnel work to address the seniors on the matter of job-getting and job holding.

Through the courtesy of the Dictaphone Co. a picture entitled "Two Salesmen Trying to Make an Order" is to be shown to interested seniors at 9:30 tomorrow morning. To enable all seniors to attend, their classes will be excused for this hour.

Besides entertainment, the picture will offer illustrated practical methods of salesmanship. Furthermore the film will include methods and devices for rapid and economical executive correspondence.

It is estimated by some authorities that 90% of the graduates of engineering schools go into sales engineering or are closely connected with selling. If such an estimation is correct, it will be well worth the time spent to see this picture.

Under Mr. Footlik's guidance the committee has been very active. The number and names of the prospective future speakers give promise of an interesting and educational series of programs.

Prospects for future engagements include a number of men well known in their particular fields. Among those scheduled for the near future is C. A. Creider of Butler Brothers whose knowledge of personnel work and job advancement is extensive.

PLAYERS—

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The date is but five days off, so those who have not yet bought their tickets can do so if they like a good entertainment. Thrills, actions, good old-fashioned intrigue, dancing, all offered in the Players second presentation of the year, Captain Applejack, an Arabian Nights entertainment in the modern mood.

Announce Outstanding Discovery, Stoopbrain Finds New Heart-throb

Deer Sally,

Horace Bilgewater, famus skolar and engineer, wonced sed as hea spoke befour a fruit growers convension, quote: a girl iz like a peeche, thea more yew skweeze her, the mushier shea gets, unquote, and I hope yew our the same.

Wel, life haz ben going on the same as usual, being published monthly az always, and my skool path haz ben flowing sweetly onward tew greater glorys. Spring iz in the aire, the birds our singing gently in the tree tops. The purty flours and the bees . . . say, my fare won, hav yew heerd about the little bees, and stuff . . . wel, that's life four yew.

An Armore stewdent wuld think it feberary the foreteent by wat hapened laste weak—yes, wonce again owr honered and beloved deen, Slats I. N. McBelfry, haz sent owt tew us valentines, those semi-annyewal mis-sives informing us that "wea are defective in sum subject, and since it probably iz just a matter wich slipped owr minds, wuld wea give it owr imediate attenshun. . . ." Four a change, deer won, I didn't receive any, wich grieved mea and left mea very disappointed, to bea shure.

The droolers or froshman class had they're yeerly danze laste friday nite at a downtown hotel, and I had a grate tyme. The latest lite of my life is Tewbella, a glamore dame if there ever wuz won. I met her at a recent

A. I. Ch. E.—

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ner and will include the following student papers dealing with investigation work in the Department of Chemical Engineering:

"Liquid-Vapor Equilibrium"—R. M. Levy.
"Small Scale Fractionating Apparatus"—E. C. Berger.
"Dehydropolymerization of Ethylene"—C. H. Riesz.
"A New Use for Cocoa Beans"—R. T. Smith.
"Organic Compounds of Cacao"—G. F. Morris.
"Heat Transfer Through a Bank of Pipes"—R. I. Jaffee.

stag party and bekause shea wuz so owtstanding (six feat threa in her stocking feat, six threa and a quarter in her bare feat). Shea haz hare so long it hangs down her bak tew her nees. However, az I danze withe her and peer thru her golden vale of hare, my heart melts intew little pieces. And then she looks at mea and sez . . . gosh I'll hav tew continue thiz after my next date withe her. I always faint wen she looks intew my eyes and wen I wake I kan only ketch her laste words—"I have six Jacks and a diamond, but the hearts belong tew Daddy, dade da da de da da. . . ."

Wel, thiz friday and saturday the new stewdent union (loco 10) is going tew resound withe cries of: "Unhand her, yew rat, yew," "Show mea the treasure or Island thiz nife in yewre midriffs," or "Ten men on a ded rats chest, ei, ei, ooh," and "Have an Apple, Captain Jack." It aught tew bea grate, and they are having a danze tew boot (but not yewr partner).

Lots of things owr abowt tew hapen, Junior weak (no, the stewdents due not bring junior down tew skool) is early next month, az iz the junior informal and Open Howse. Open howse iz thea annyewal afare wear the profs open awl the doors and windows in the classrums and let owt the air (?) that haz ben incased in them during the previous 12 months. Of course, other minor things hapen, such az laste yeer a kiss-o-meter wich sum brain-struck embrionic engineers hear at skool developed (they dew most of their developing friday and Saturday nites).

The glea club makes itz trip tew a town withe a womens reformatory in it the latter part of thea month, so thea boys better watch owt . . . if yew don't no wat I mean.

Wel, az tyme is geting short, I muste klose. Az the young lady sed tew the druggist wen hea inquired az tew why shea wanted a bottle of italian balm tew drink, shea sed, quote, it's fore a little chap, unquote.

Yures,
Stoopbrain Bliss.

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