



SIDELINES

By Paul Schultz

THE HANDWRITING on the wall, as read by some Americans, is that if the United States goes to war again within the next quarter century, it will be with Japan. There is an increasing strain between the two nations which may cause an open rupture at any time. It is high time that both the United States and Japan should look at the issue calmly and squarely.

AS A MATTER of fact, no two countries have less reason for going to war. Although both countries are bounded by the Pacific, there is no real point of friction, either geographically or economically. Japan should remember that the United States, unlike European nations, is not interested in territorial expansion. We are gradually relinquishing our territories. The principal interest of the United States in the orient lies in the peaceful promotion of trade and commerce. As far as the United States is concerned, foreign trade with Europe is practically a thing of the past. Almost every European country owes this nation billions of dollars, and until these loans are paid no new loans will be made. European nations take the position that until new loans are made there will be no trade. Thus the United States must look to Japan and the orient for trade. To date, Japan has paid her loans promptly and has been a good customer for our raw materials. In turn, the United States has been Japan's best customer.

IF THERE IS any friction between United States and Japan it is entirely due to misunderstanding. Japan, on one hand, fancies that the United States has blocked her ambitions in the orient, while the United States has been led to believe that Japan has colonial aspirations on this continent. If this nation has interfered with Japanese colonial enterprises, Uncle Sam has been merely a cat's-paw dragging European chestnuts out of the Asiatic fire. Great Britain, the Netherlands, Belgium, Italy, and France have territorial interests to protect in the orient. The United States has none.

SHOULD AMERICA and Japan go to war, the results could be nothing but disastrous. As in 1918, we would be fighting Europe's battles, and these European nations would use the war as a cloak under which to consolidate their own colonial and territorial ambitions in the orient. The only leader in the orient would be crippled for generations. Nor could America fare much better. To the present back-breaking load of war debts would be added a new debt to keep additional generations of Americans in poverty.

Next Topic of Math Club Is Nomographs

At its last meeting, the Math Club voted to hold its next assembly at 3:30, Friday, March 22, which is a change from the usual time of 10:30. The paper to be presented at this meeting is on "Nomographs," a subject which should be of universal interest since it is the common engineering method of solving equations graphically.

After the reading of Mr. Bronwell's paper on "The Analysis of Harmonic Motion" last Friday, the meeting was adjourned so that the members could attend the play. Some of them, however, stayed for a brief discussion at which time it was brought out that there are mechanical harmonic analysers at present which will give thirty-two harmonics. There are also machines which will draw the resultant curve when given the separate harmonics. It was suggested by this after-the-meeting group that time for discussion be allowed in the programs for future meetings.

A NIGHT OF STARS



Players' Efforts Are Well Received

By R. Weissman

Behind the "Mission" footlights last Friday morning moved characters vividly portrayed by the Armour Players, who gave two splendid productions. In the first play, "The Boor", the impatient landowner who had no use for women, despite the fact that he finally fell madly in love with the beautiful "petticoat philosopher," was played by John Styrsky, a newcomer to the Armour Players, and a valuable addition, if one might judge by his first performance here. The attractive Miss Martha Naylor, also a new comer, played the part of Elena, a young widow mourning for her husband. She was determined to be true to him forever, that is, at the start. However, when the voluble young man arrived, she did not forget to powder her nose.

The humor in this comedy is not the broad, farcical kind, but rather the sly, insidious, implied humor of a more "digging" type. Her determination to be true, obviously weakening from the start, still left in her enough perversity to accept a duel with the stricken landowner, and it certainly seemed for a while that the quick tempered Elena would put an end to her sudden infatuation; but the admission on the part of the hero that he would shoot above her head saved the day. The real finishing touches were made when Gregory was ordered to leave, (Continued on page 3)

A. S. M. E. Smoker Will Be Held on March 19

Next Tuesday, March 19, the members of the student branch of A.S. M.E. will hold a smoker in room "D" Mission. Refreshments will be served and the entertainment will include three fifteen minute talks by members who are competing for the honor of representing Armour at the national meeting to be held in Chicago in April. All senior, junior and sophomore mechanicals are invited to attend. A nominal fee of 25 cents is charged to help defray expenses.

Spring Will Blossom On Heads of Loyal Freshmen Monday, March 18

Not because of the laws of nature, but because of the rules at Armour, little green things will magically appear on the morning of March 18. These "little green things," apologetically dubbed "caps," will be seen resting on the very top of every (?) freshman's head.

In an effort to eliminate any possibility for enmity between the freshman and sophomore classes, it has been suggested that the persuasive methods to be used should differ widely from those applied during the previous semester.

Dean Heald has suggested that a meeting be held during the next week in order that the leaders of the freshman and the sophomore classes might decide upon some definite procedure to be followed in order to make the green-cap wearing class-wide. For, basically, the wearing of the green caps should be considered an honor, and consequently the freshman class itself should see that all of its members wear the markers. The members of the class who do not wear the symbol merely show disrespect for class spirit and, logically, should be attended to by the loyal members of the class of '38. If the class as a whole doesn't put forth the

spirit or strength necessary to enforce the custom, then it is simply a reflection on the class's spirit, fellowship, and team work.

It should not be necessary that the sophomore class engage in a brawl in order to impress the idea on the mind of one freshman. These brawls become especially tiresome when they occur daily. They influence not only those participating, but they also have the tendency to give any chance visitor an impression that is not altogether favorable. So for the good of the Institute, freshmen are urged to be loyal to their class and wear their green hats.

Graduation Invitation Orders Being Taken

Copies of invitations to the June graduation were shown to the seniors last week. The invitations have been selected and orders are being taken.

The invitations may be had with leather or paper covers, or without covers. Leather bound invitations will cost thirty-five cents, paper-bound invitations twenty cents, and the sheets alone six cents.

Orders will be taken by departments. William B. Ahern, chairman, has placed a man from each department on the committee. Ahern will take orders from the electricals, R. D. Armsbury from the chemicals, L. W. Biegler from the fire protects, L. W. Davidson from the architects, and W. W. Henning from the mechanicals. All deposits for the invitations must be made before April 1.

Tantalum and Paper to Be A.I.Ch.E. Topics

A talk on the preparation of paper will be presented in the near future at a meeting of the A. I. Ch. E. The date will be announced later. Dr. C. W. Balke of the Fansteel Products Co. could not be present at the last A. I. Ch. E. meeting, but has promised to give his talk on "Tantalum Alloys" at a later date. Plans for a smoker are also being formed.

SEVENTH ANNUAL TRACK AND RELAY CARNIVAL TO BE HELD AT FIELD HOUSE SATURDAY

Nationally Famous Luminaries Attempt Record Smashing Performances; New Markers Due

SEVEN BIG TEN SCHOOLS ENTERED

Those students who have applied for positions on the Armour Engineering staff are requested to meet in the News office at 12:30 Wednesday.

The next issue of the Armour Tech News will be distributed on Wednesday, March 20, instead of Tuesday.

Report Presented on Shop Courses

Committee Recommends Shop Work Be Given

The News is authorized to announce that shop courses will be given during the school year beginning next September in the third and fourth years. The suspension of shop work does not involve the omission of the subject from the program of any student taking the engineering courses in which the work is required. In the electrical and mechanical courses, two years are required, while in the chemical and fire protection departments, one year of shop (in the senior year) will be given. Since the chemicals and fire-protects of the present junior class have had one year of shop, the program for these departments will not go into effect until 1936.

Shops Recommended

The report may be summarized as follows:

Shop courses are included in the curricula of most colleges of engineering. Deans of engineering, the faculty, the Tau Beta Pi graduates of Armour Institute, and a representative group of officers of important industrial organizations are, by large majorities, of the opinion that shop work should be required in certain specific engineering curricula.

The committee recommends that at Armour Institute shop courses be required in the case of students of mechanical, electrical, chemical, and fire protection engineering, and that they be listed as electives for students of civil engineering and of engineering science.

Shop courses should be directed by an engineer who will be able to coordinate these courses with other subjects included in the curriculum.

Objective of Shop Courses

The objectives of shop courses are defined by the committee as follows: the development of knowledge of shop machines and processes; the development of knowledge of properties of materials used in shop practice; and (Continued on page 5)

This Saturday night brings one of the greatest gatherings of sportsdom—the 7th annual Tech Relays. Like the world awaiting the sunrise, Armour looks forward each year to this event that brings together men prominent in track and field. The carnival, only four days away, will be the biggest and the best that Armour has attempted, with more than 35 colleges and universities competing. To be sure of having plenty of room for this affair, the fieldhouse of the University of Chicago, home of the Tech tracksters, has been chosen.

Though the main meet is in the evening, preliminaries will be run off at 4:00 in the afternoon so that only the fastest will be able to show their prowess during the games. The dashes, high hurdles, and low hurdles will be run to the finals in the afternoon because there are so many entrants in these events. But the biggest doings will start at 7:30 in the evening, when the high jump, pole vault, and shot put start off the program. As stars in these events will be Murphy of Notre Dame, who can jump over 6 feet 7 inches, and Elser, also of Notre Dame, who has put the 16 pound shot more than 50 feet.

The relays, dashes, and finals in the hurdles will start at 7:30 and continue till a little after 10:00. Moore, of Purdue, and Farley, of Northwestern, will be in the mile for a real race as each can do better than 4:25 in that section. Northwestern has also entered a mile relay team that they are sure will win, besides offering good half- and quarter-milers. Jessel, from Marquette U., is running the 440 and the dash and will, in his estimation, break at least one record. This, however, will not be unusual as seven outstanding records were broken in last year's meet.

Coach Staggs as host to all these foreigners will certainly not feel embarrassed if one of his men cops a medal, or if one of Tech's relay teams does what none of its predecessors has done—gives Armour a first in a relay event! In the college two mile relay, Nelson, Faust, Tuma, and either Friede or McGrath will represent Armour. Neal, Rigoni, Dunbar, and Trzyna will each reel off a snappy quarter in the college (Continued on page 5)

To Hear Talk on U. S. Waterways

At the next meeting of the Armour branch of the W. S. E., which will be held in B Mission at 10:30 next Friday, March 15, Mr. John W. Woermann will talk on the Illinois waterways. Being an engineer for the U. S. government, Mr. Woermann should be able to give some very important ideas on this work. His talk will be supplemented with several slides.

In an informal discussion at the W. S. E. meeting on Friday, March 8, Mr. John J. Schmitt Jr., a former Armour student and a representative of the Housing Service Bureau, brought out that the problem of slum clearance and housing is, for the most part, a sociological and economic problem, rather than an engineering problem.

What to do with the people whose homes and shacks are to be demolished is the real problem. What is the government to do with these people, who at present find it difficult and in some cases, even impossible, to pay their rent of ten to fifteen dollars a month or less; and how will they be able to pay the thirty and forty dollars per month for the government apartments?

THIS WEEK

Tuesday, March 12 to Monday, March 18

Tuesday—Swimming; Irving Park "Y."
Orchestra practice; Assem. Hall; 5:00 p.m.
Wednesday—Fencing; Gymnasium; 4:00 p.m.
Thursday—Baseball practice; Gymnasium; 4:00 p.m.
Chicago W.S.E.; Engineering Building; 7:00 p.m.
Glee Club practice; Assem. Hall; 5:00 p.m.
Friday—Armour W.S.E.; "B" Miss.; 10:30 a.m.
Campus Club Initiation; Club Rooms; 8:00 p.m.
Saturday—Armour Tech Relays; U. of C. Field House; 7:30 p.m.
Monday—Green Caps Appear!!