



## SIDELINES

By H. M. Ross

IT WAS JUST two months ago that part of the Spanish Army in Morocco revolted and the unrest which had been sweeping Spain into insurrection first flared into world wide importance. Last week, though the outcome was still uncertain, the bloody struggle approached a decision. Spain, however, was only one of Europe's sore spots. In the center of the Continent Adolf Hitler, reviewing his troops and followers at the closing sessions of the Nazi Party Congress in Nuremberg, renewed his thunderous attacks on Soviet Russia and Democracy. As the drum-fire of these anti-Bolshevik speeches which echoed around the world grows more distant and the verbal onslaughts are now calmly perused in cold print, the sound and fury which made them bristle in the ears of the world lost their first effect.

SO FAR AS Britain is concerned public opinion persists in refusing to take notice of the denunciations of Moscow as a source of mortal danger to Europe's peace and civilization. Seen from London, the European situation presents itself in the following manner: British advertisers know well the danger of overstatement. Exaggerated statements kill sales. Hitler, by his frenzied outpourings at Nuremberg, produced in England an impression contrary to that which he expected. The public was repelled by the violence of the expressions used and it refuses to take seriously a man who works himself into such a passion over a question not considered topical there. They see in Hitler's proclamation of a holy war against Bolshevism an attempt to make Europe forget its chief problem is the menace of militarism in Germany.

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## Chess Club Meeting at Noon Tomorrow

Armour's Chess Club will hold its first meeting tomorrow during the lunch hour on the fourth floor of the first entrance, Chapin Hall. The meeting will be devoted to the enrollment of new members and to the mapping of a program for the club's activities during the year. Prof. H. Ensz, who was at Harvard last semester, will resume his position as faculty sponsor.

The chess team engaged in many meets last year, including a city tournament and a mid-west intercollegiate tourney, besides meeting a few independent clubs. The team is practically intact this year, but new members are welcome to try for positions. It has been the policy of the club to select the members on a competitive basis, and this has usually been accomplished by means of round-robin and other types of tournaments.

## A. I. Ch. E. to Present Program of Speakers

Last year's A.I.Ch.E. program of having a well known man in chemical circles speak before their meetings each week, which was considered successful last year, will again be followed this year, the officers have declared.

However, their first meeting, this Friday, will be purely a business meeting. The main business will be to make plans for the joint meeting of Armour's branch of the A.I.Ch.E. and the professional branch to be held either in November or December.

J. A. Haase, president of A.I.Ch.E., said this joint meeting would be the society's big event of the year. The entire chemical department will be open that night in an open house program, showing all the apparatus in use.

## W.S.E. To Show Civil Camp Movie Pictures

The Armour branch of the W.S.E. will hold its first meeting of the year on Friday, Oct. 2. A business meeting is planned and everyone is invited to come.

Pictures are planned for future meetings, showing some of the happenings of last summer's civil engineering class at summer camp, and several construction projects of interest to all engineers. Two smokers are to be held this semester. Officers for the coming year are: president, P. L. G. Moore; vice-president, Jack Stern; secretary, C. J. McCarthy; assistant-secretary M. S. Herz; treasurer, J. J. Lopina; and student representative to the W.S.E., M. F. Jaedtke.

At the next meeting of the downtown W.S.E. to be held October 1 at 7:00 p.m. in the Western Society Rooms, 12th floor, 205 West Wacker Drive, Mr. J. R. Pelt, Jr., will present a talk entitled, "The Next Ten Years in Engineering—A Study in Trends." On Monday, October 5, at 7:00 p.m., Dr. F. R. Watson, Professor of Experimental Physics, University of Illinois, will speak on the subject of "Insulation of Sound in Buildings." "New Outlooks in Illinois Communities Through W.P.A. Projects" is the title of the talk to be given at 7:00 p.m. on October 8 by Dr. M. H. Bickham, Assistant Administrator of Labor Relations, Works Progress Administration of Illinois.

## Students' Vandalism Costs School \$3000

Money used for repairing tables and chairs would re-landscape the entire Armour campus annually, according to Prof. H. A. Vagtborg, superintendent of grounds and buildings.

Each year more than 200 seats and 50 arms on chairs are replaced and 25 tables repaired. The school carpenter, who is busily engaged throughout the year merely doing this unnecessary repairing, estimates that he has replaced about 5000 nails which students have pulled out. The replacing of broken windows which students have broken with chalk and erasers or other missiles required several hundred dollars. Mr. W. Koster, Superintendent of Maintenance, reports that the lawns have had to be seeded three times because of the students' habit of walking across them.

Mr. Koster estimates that \$3,000 per year is used to repair things which have been mischievously broken, the money for which could be used in beautifying the campus.

## Dean Announces Elective Courses

In addition to the regular elective courses offered in previous years, the Dean's office announces the inauguration of new elective courses in the departments of Social Science, Chemistry, and English.

The Social Science elective is under the guidance of Mr. B. Goetz, and consists of the discussion of Utopia, socialism, communism, democracy and various other phases of modern government. The course will require considerable outside reading, followed by vigorous class discussion. Membership in the class must consist of at least five men and will be limited to a maximum of twelve. The time set is from two until four on Friday afternoons. Membership is open to all who have completed freshman social science with at least an average grade of "B".

The elective in the department of chemistry is one in metallurgy offered by Professor A. H. Carpenter. The course will consist of three lecture and four laboratory hours per week.

Although the department of English is planning to offer some new elective courses, nothing has been definitely decided. However, Professor W. Hendricks is hard at work and will announce the optional courses as soon as necessary plans are completed.

## Council Completes 'Rush Week' Plans

### Official Rushing Period Begins Thursday

Final plans for the fraternity rushing period were made at the Interfraternity Council meeting held last Thursday in the Tau Beta Pi rooms. Following the Freshman Handshake tomorrow night the official rushing period will begin and last for nine days until Friday, October 9 when new students may pledge one of the eight social fraternities on the Armour campus.

### Hold Dances Saturday

At the group conferences of new students held last Friday the incoming men were given pamphlets explaining the organization of fraternities and giving a brief description of each fraternity. On Thursday afternoon the fraternities will begin rushing by signing up the new students for dates of entertainment, luncheons, dinners, and parties. On Saturday night most of the fraternities will hold an open house dance for the rushees, and the new students will visit from house to house in the fashion of the Fraternity Open House Night held during last Junior week.

### Distribute Handbook

A new freshman handbook of fraternity rushing rules and regulations together with a full description of each fraternity will be distributed to all new students at the Freshman Handshake. Approximately 150 students are members of the fraternities at Armour. The social fraternities coordinate their activities and cooperate through the Interfraternity Council in conjunction with the Faculty Committee on Fraternity Affairs. E. Skeppstrom is president of the Council and Prof. Spears is head of the Faculty Committee on Fraternity Affairs.

## President Welcomes Incoming Students

At their first assembly on Tuesday morning, members of the forty-eighth freshman class at Armour Institute of Technology were welcomed to the campus. In his welcoming address, Dr. Hotchkiss, President of the Institute, discussed the wide and varied opportunities in engineering and science for which education at Armour is an excellent preparation. The talk was followed by brief speeches by Dean H. T. Heald and Dr. C. A. Tibbals, Assistant Dean, in which they brought out points of interest to freshmen.

Following the assembly, the two hundred nineteen freshmen with no previous college training were given the orientation tests in the gymnasium and drafting room on the fifth floor, main building. These lasted from 10:00 a.m. to 12:30 p.m., and from 2:00 p.m. to 4:30 p.m.

## New Courses Offered For Evening Classes

About eight hundred and fifty men have enrolled in the night school at Armour at press time. This number is expected by the dean to increase to about 1200 after classes open this week.

Several new courses and an improved plant are factors which aided in this record night school enrollment. A comprehensive program of graduate courses has been introduced which is of great value to those who are interested in study after graduation. The more important of the new courses include welding engineering, foundry theory and practice, and an extended course in metallurgy which will include metallography and heat treatment.

These new and extended courses offer considerable inducement to prospective students. According to Dean H. T. Heald, the improvements made in the physical plant and the additions to the faculty, the Armour Evening school will well be able to accommodate the large group of students.

## New Coach



G. N. Stenger

## G. N. STENGER IS APPOINTED COACH OF TECH CAGERS

### New Coach Has Good Record As Basketball Mentor

By Al P. Schreiber

John J. Schommer, Director of Athletics at Armour Tech, announced this afternoon the appointment of Grant N. Stenger to the position of Basketball Coach and Instructor in Physical Training. Grant Stenger, or "Booker" as he is known to his friends, takes over the position formerly held by W. C. Krafft, who was with the Institute for the past 15 years. Bill Krafft has resigned as coach and instructor so as to devote full time to his insurance business, having been connected with W. V. Woody, Chicago agents for the Equitable Life Insurance Company for the past six years.

### Coached at Wheaton

Grant Stenger comes to Tech from a series of successful positions with prominent high schools both in Illinois and Indiana, his latest position being Athletic Director and Coach of Wheaton High School since 1927. "Booker" graduated from Naperville High School in 1915 and both he and Bill Krafft fought their way through undergraduate days at North Central College, Naperville, Illinois. In high school Grant won the distinction of being the all-state fullback and all-tournament guard in 1915.

### Served in Army

After two years of undergraduate work at North Central, Grant entered the service and spent two years overseas with the 33rd division, 129th Infantry Medical Corps before returning to finish his course in Physical Education at this prominent Chicago school.

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## Glee Club Meeting Attracts Seventy

The effectiveness of the registration booth conducted by the Armour musical clubs was well demonstrated by the turnout of 70 men at the Glee Club meeting last Thursday, September 24. Applications for membership were accompanied by pledges to be prompt, and to attend, when possible, all rehearsals and concerts given by the club. To make the latter more emphatic, it was announced that a low limit will be set on the number of rehearsals a member can miss before he will receive no grade.

A survey of the applications indicates the necessity of shifting men from the second tenor and first bass sections in order to balance the chorus. The relative numbers at present are: first tenor, eight; second tenor, sixteen; first bass, thirty-two; and second bass, six. An adjustment of this situation will probably be made this Thursday.

Director O. Gordon Erickson spoke of the good impression made by both the Glee Club and orchestra in their engagements last year, and said that plans were being laid for as good a season this year. The dates for the concerts have not been definitely set.

The position of advertising manager for the 'Cycle' of 1937 is open. Applications for this position must be left with Paul Martin not later than Wednesday, September 30. Applicants for all other positions will meet for a short time at 12:20 tomorrow, Wednesday, in the physics lecture room.

## A.S.M.E. Has General Information Meeting

S. M. Miner, president of the A. S. M. E., urges all sophomore, junior, and senior mechanical students to attend the first meeting of the mechanical engineering society Friday at 10:30 A. M. The place of the meeting will be announced on the school bulletin board tomorrow.

The meeting will be opened by an explanation of membership and activities, after which Professor D. Roesch, honorary chairman, will introduce the speakers and their topics. Professor H. L. Nachman will speak on the "A. S. M. E. at School," Professor P. C. Huntly's subject will be "Activities and Papers," and Professor J. C. Peebles will talk on "The A. S. M. E. after College."

At future meetings of the A. S. M. E., an attempt will be made to alternate outside speakers, movies, and student speakers. Other plans include joint meetings in cooperation with the society's branches in other schools, in and around Chicago; and cooperation with the downtown junior branch of the organization.

Inspection trips to industrial plants nearby are being planned by the inspection trip committee under the direction of P. A. Reh, chairman. I. Thomas, chairman of the smoker committee, has not, as yet, announced anything definite but his group will present a smoker for members of the A. S. M. E. as soon as the membership list is complete.

## Oil, Coal, and Stoker Research Progresses

Various varieties of coal are being tested for stoker use by Prof. W. A. Pearl under the stoker research project of the Armour Research Foundation in the refrigeration laboratory at 23rd and Dearborn streets. Fourteen different kinds of coal have been tested from mines located in the United States and Canada.

### Examine Sugar Beet

The behavior of soft and hard coal, coke, and charred sugar beet pulp has been examined in the several stokers used in the laboratory. The charred sugar beet pulp was waste material from sugar beet farms, and an attempt is being made to find a use for this waste product.

In addition Prof. Pearl has been conducting thorough tests on limit controls for hot air, water, and steam; heat controls; and thermostats. All the instruments are used to regulate the operation of domestic stokers for home use.

### Analyze Cracking Process

Dr. Vasil Komarevsky, who is in charge of the oil research project, has been conducting a very careful and exact chemical analysis of the entire cracking process for breaking down crude oil into its various products. He has been trying to discover and make use of certain hydrocarbons of the oil which yield usable products and also to salvage waste products for new uses. In this work three processes have been used; namely: hydrogenation, dehydrogenation, and polymerisation.

Throughout his research Dr. Komarevsky has placed special emphasis on the discovery and use of new

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## Scholarship Offered To Select Students

The Alfred Noyes Scholarship offers each year to worthy students who either have served or whose fathers have served in the World War. Applications are being received by Dean Heald, who desires to see all men qualified and interested. Because the fund offers considerable amounts, Dean Heald is anxious to see that the right men receive the awards.

## FRESHMAN SOCIAL SEASON TO BEGIN WITH HANDSHAKE

Amsbury, Schommer, and Coaches to Give Talks

BEGINS AT 8:00 P. M.

Tomorrow night freshmen and other new students will have the opportunity to meet and associate with upper classmen and faculty members at the traditional Freshman Handshake. For about an hour before the official program begins, general handshaking, back-slapping and socialities will be in order. The committee of senior group leaders will again sponsor the program. Identification cards will be had on which every freshman and upper classman will print his name, class, and course.

Martin is M. C.

Officially the program begins at 8 o'clock in the assembly hall of the Mission. Paul M. Martin will be the student master of ceremonies. Professor P. C. Huntley and assistant dean, Dr. C. A. Tibbals will give short talks. Professor John Schommer will introduce the athletic coaches including: W. C. Krafft, baseball; E. W. McGillivray, swimming; N. R. Root, track; G. Stenger, basketball; and B. Weissman, boxing and wrestling. Professor Schommer is certain to have a good anecdote up his sleeve to set everybody rolling. Rounding out this short program is scheduled, the students' old friend, Professor Amsbury with his French-Canadian dialect and the ever-popular "Captain of Ze Marguerite."

### To Serve Cider and Doughnuts

Afterwards the party will move to the Students' Union to enjoy the traditional cider and doughnuts. The refreshment committee promises to have an assortment of doughnuts, sugar-coated and otherwise. Enough cider and doughnuts will be on hand so that everybody can have a second helping and more. While everybody is enjoying his refreshments, members of the boxing and wrestling teams under the direction of Gene Kreml will entertain in a ring which will be set up in the Students' Union.

## A. I. E. E. Holds First Meeting This Friday

More student participation in meetings will be planned by the A.I.E.E. this year. Student papers will be read and debates will be held between members on electrical, economic, and technical problems.

Speakers, too, are planned for the meetings. At the next meeting, which will probably be held this Friday at 10:30, there may be a speaker. The speaker will probably give a welcoming speech for new members. Plans are also being conducted for social activities throughout the year. According to Leonard Holmes, president of the society, these will be as good as or better than those held last year.

## New Officers Chosen As Radio Club Meets

The new men who have been enlisted to guide the Radio Club for the next year are: R. Colin, president; J. Sodaro, vice-president; and F. Fanta, secretary-treasurer.

With most of the remodeling work completed, the club is now turning its attentions to the technical side. Plans were discussed for a high powered amplifier for the transmitter, as well as a new receiver.

The club now has seven licensed radio operators and many new men interested in radio. If the programs can be arranged, the club will have an operator on duty, so that communication with other colleges can be established.

Code classes for new and non-licensed members will soon be started. The club meets again Thursday at 12:20, during the lunch hour.