



SIDELINES

By Albert M. Lane

THE EBB AND flow of human entity is strange in its conformity to pattern. The age through which we are passing bears a marked resemblance to a great transition period existent some one hundred and sixty years ago. The drops wear a different coat of paint, and the footlights shine more brightly. But behind them both man toils relentlessly, as in bygone ages, with the eternal struggle toward social equilibrium.

FOR UNTOLD centuries all effort was bent toward loading the high scale pan, that from the world might be wrought a supply of its fruits sufficient to meet the demands of the rapidly propagating human race. Progress was meager until the weight of the dawning "Machine Age" slowly tilted the balance. Then man staggered back from his place as prop to watch the new order gain in momentum. Enthusiasm grew apace. Each generation bred its quota of engineers and scientists destined to add larger, more effective contributions to the equilibrium load. In all history there is no reading so full of tingling thrill as is the account of their accomplishments—the record of the freedom of mankind from drudgery.

GLORIOUS IS THE story in the telling, but sad in its realization. Somewhere, somehow, the decimal point must have slipped, for the balance failed of being struck. The balance load has gone on past dead center and its speed remains unchecked. What man started out to do, the engineer and the scientist have well accomplished. Lured on by the glamour of each success, they have far outstripped the world's fondest illusions in their provision for supplying life's demand. Perhaps they should have stopped short of their present advances, for the ability to supply is hopelessly beyond the capacity of the race to consume. Perhaps those who stood idly by gaping in amazement should have undertaken the task of providing against the override. They who have been absorbed in material gain from the advances might have lent an eye to the approach of the disaster that has befallen us. It all might have been kept in hand, but it was not. That would not be the human thing to do.

IT MATTERS NOT who should have done what. Whatever could have prevented the present situation was not done, so we have to cope with the problem rather than lament its existence. It is not enough to merely recognize the fact that it is a thing to be done. There is a greater charge. The problem is ours; and we, the engineering students of today, are going to have to solve it. The responsibility of effecting a balance between demand and ability to supply has been thrust upon us. Look at the generation before you if you will. All that you will see is the torch being flung back to you.

(To be continued next week)

Salamander Initiates Two Men at Banquet

Marshall T. Horn, a senior, and Donald N. Brissman, a junior, were initiated into Salamander, honorary Fire Protection Engineering Fraternity, last Tuesday evening at a banquet in the Swedish Club of Chicago at 1258 N. LaSalle St.

Informal talks were given by Professor Finnegan, former Professor Holmes, Professor Robinson of Underwriters' Laboratories, Mr. Snediker, Mr. Townley, several of the founders, and other alumni.

A.T.A.A. SURPLUS

Although an official announcement could not be obtained last week, it was reliably reported that the amount of the surplus of the A. T. A. A. is approximately \$9000. This was the status of the fund when the resolution permitting advances to the student loan fund was adopted on October 10, 1933. At that time the money was invested in securities paying a low rate of interest.

Since the student loan resolution was adopted, a portion, probably not more than one-third, of the surplus has been reinvested in student loans. Repayment of this amount was guaranteed by the Institute at the time the resolution was adopted.

As far as could be learned last week, the only actual expenditures from the surplus have been small amounts to balance the A. T. A. A. budget in years when the income was too small to cover all necessary disbursements.

Next Play Will Be Presented Dec. 17

Cast for "Dust of the Road" Is Complete

Tryouts for "Dust of the Road," the play to be presented next by the Armour Players, have been completed, and the date has been set for Tuesday Dec. 17, at 11:30. There will be no charge.

The cast, which is now complete, is as follows:

Tramp Monte MacConnell
Peter Joseph Reim
Old Man Herman Ross
Priscilla Lawrence Cuneo

Considering the time that the players have to present their next play, they will have to work exceedingly hard to complete preparations.

Elaborate Scenery Rejected
An elaborate scenery design by R. Liseher was rejected because O. Gordon Erickson said that the stage would be necessary for Glee Club rehearsals.

While not essentially a religious play, "Dust of the Road," will be in keeping with the spirit of the season. Professor Hendricks who directs the players, is putting in a great deal of time on this play and expects good dramatic effect in his presentation, with powerful scenes and gripping drama.

S. Miner is assistant director in this play and will also direct the stage work. Properties and costumes will be handled by J. Kubert and W. Emmerich is to take charge of lighting effects, which will be particularly important in this play.

Rehearsal Period is Short
"Dust of the Road" will be the first production to be given by the players with so short a time for rehearsal. The players having only a short time ago, finished "House of Juke," are already deep in rehearsal for the next play.

A welcome visitor at rehearsal last Friday was Michael Pantone, who was stage manager last year, but who was unable to return this year. Mike says that he will return next year, and his return will be appreciated by the players.

B. Freud to Address N. U. Chem Honorary

Professor B. B. Freud has been elected a counsellor of the American Chemical Society for the fifth consecutive year. The group of which he is a member is the executive council of the society.

Under the auspices of the Northwestern chapter of Phi Lambda Upsilon, honorary chemical society, Professor Freud is to give an address at Northwestern University on December 12, 1935. He will speak on "Chemical Warfare as a Phase of Applied Chemistry," a subject for which he is well known because of his work with the Chemical Warfare Division during the World War.

Major G. F. Lee to Speak Friday

Major George F. Lee, veteran army officer, will present an interesting and informal talk on his experiences in the United States army, through the courtesy of the Western Society of Engineers on Friday, December 13, 1935, at a general assembly in the Mission at 10:30 a. m.

Major Lee's connection with the army began when enlisted as a private many years ago. His service has carried him through many campaigns including encounters with Indians in the West and finally through the World War. He will present the human side of army life, including its humor, its sorrow, and its romance.

Mr. J. F. Peterson, chief engineer of the Chicago Tunnel Company, spoke at the last meeting of the W.S.E. He explained the operation of the vast network of underground tunnels beneath the downtown streets, how coal is hauled in, ashes carried out, merchandise transferred, and the history of its construction.

Future activities of the W.S.E. include a combination smoker and Monte Carlo party to be held on Friday evening at 7:30 p. m. at the Triangle house, 3222 S. Michigan Blvd.

Spirited Student Opinion Greeted Discussion of A.T.A.A. Constitution

Led by R. A. Peterson, president of the senior class, the three or four hundred Armour students who turned out for the general assembly last Thursday voted almost unanimously to withhold the vote on the proposed new constitution for the Armour Tech Athletic Association until a later meeting. Almost at once D. J. Neal, president of the Association, began taking steps to prepare still another form, embodying the ideas of all those who took any part in the discussion at the meeting.

Constitutional Committee Appointed
A committee composed of those who took part in the discussion met on Thursday evening and succeeded in preparing a set of revisions designed to insure dissemination of information about the A.T.A.A. among the students which met with the approval of all those present except Peterson. Peterson objected to the inclusion of a clause providing that the budget of the association might be made public as soon as it has been approved by the Board.

Interviewed last Friday by the News, Peterson stated that he has no fault to find with the constitution as it stands, and he felt that publication of the A.T.A.A. budget would merely cause unnecessary dissension among the student body. He gave as his reason for wanting a delay in the vote the charge that the students didn't know what the A.T.A.A. was all about and more time ought to be allowed them to discuss the A.T.A.A. in class meetings.

To Meet Again Tomorrow
Another meeting of the group which was appointed last week, together with the members of the Board of Athletic Control, is scheduled for tomorrow at 2 p. m.

Present indications are that before another assembly is called to consider the constitution, there will be a great deal of further discussion about the A.T.A.A., possibly in meetings of the four classes.

Passage of the constitution, general (Continued on page 3)

Math Club to Meet On Friday the 13th

Friday, December 13, has been set as the date of the next meeting of the Math Club. The meeting will be held in the Electric Lecture Room at 10:30 and will be addressed by Roy Kercher on the subject of "Practical Statistics."

The following meeting, to be held soon after Christmas vacation, will be addressed by several freshmen. J. A. Bobhill will speak on the Pythagorean Theorem, the others have not at this date definitely decided on their subjects.

Brissman Chosen "Engineer" Editor

Donald N. Brissman, a junior-fire-protect, has been chosen student editor of the Armour Engineer and Alumnus for the next two semesters, to succeed Harry S. Nachman. Brissman has filled the position of associate editor of the publication during the past year, and was also in charge of the college section. Professor Hendricks is the faculty editor in charge.



D. N. Brissman

The last issue of the Engineer under the editorship of Nachman will be ready for distribution on December 18. There will be a slight modification in the color of the cover, and there will also be a few minor changes in the magazine itself to meet some of the objections which have been raised relative to the alterations made in the contents of the magazine.

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Salamander Initiates Two Men at Banquet

Giving the chemical engineers of the Chicago area a chance to inspect the Institute, a joint meeting will be held tomorrow by the local section of the American Institute of Chemical Engineers and the Armour Student Chapter.

Students Invited
The meeting will get under way with a reception at 6 p. m. in the faculty club. However, the chemical laboratories will also be in operation during the afternoon for the benefit of Armour students. Dean Heald has notified instructors that they may excuse students wishing to see the exhibit between 3 and 4 in the afternoon. In view of the evening meeting, the Institute will extend its facilities in offering water pressure, flood lights, and police protection.

The last portion of the evening will be devoted to an inspection of the junior and senior chemical engineering laboratories in which all equipment will be in operation to display the type of work included in the courses at Armour Institute.

Twelve Are Initiated to Electrical Honorary

Twelve pledges became members of Eta Kappa Nu, honorary electrical fraternity, at the initiation and banquet held Tuesday evening, December 3 at the Union Station. The initiation ceremonies were held in the Conference Room, and the banquet followed in the Cactus Room of the Fred Harvey restaurant. The evening was topped off by a real entertainment program put on by five of the actives and the twelve initiates. This meeting was held in conjunction with the Chicago Alumni chapter. Thirty graduates were present from the various Eta Kappa Nu chapters.

The men initiated were C. P. Boberg, R. H. Bothwell, W. A. Chapin, J. A. Ganzar, W. Gruca, A. J. Haeger, E. J. Kirsch, R. Knaus, P. M. Martin, G. R. Rothschild, R. B. Ruppert, and P. L. Slugg.

M. E. Honorary Elects Five to Membership

Professor S. E. Winston and four students were initiated two weeks ago into Pi Tau Sigma, honorary mechanical engineering fraternity, during ceremonies held at the Motor Club Inn. The students initiated were Hugh M. Greenman and Anthony S. Majercik, seniors, and Frederick L. Leason and Sidney M. Miner, juniors.

ARMOUR BASKETEERS SWAMP ARKANSAS, 44-19, IN FIRST ENCOUNTER OF THE SEASON

Large Crowd Turns Out to Witness Game; Cheer Leaders Given Opportunity to Test Their Ability

HEIKE HIGH POINT MAN OF THE GAME

Blank sheets for senior Cycle bibliographies may now be obtained in the book store. All senior Cycle pictures must be taken by January 1.

Bids For Junior Informal On Sale

Roy Lind's orchestra, featuring a new torch singer, will provide the music at the Junior Christmas informal to be given on Friday, December 20, in the Boulevard Room of the Stevens Hotel. Bids are now on sale in the foyer of the Main building every day during the noon hours; the price having been set at \$1.50. The sale is limited to 250 bids. A new type program, in keeping with the Christmas season, is promised. Ample parking facilities can be found at the Stevens Hotel and on Wabash Ave., according to Oreste Tomei, junior social chairman. Plenty of room for dancing is assured, since the upper portion of the Boulevard Room easily holds 700 people, and has comfortable lounge facilities.

To stimulate interest in the dance, the social committee is conducting a poster contest. All entries in the contest must be in by Wednesday, December 11, the winner receiving a free bid to the dance. The junior commission, acting as a social committee has charge of the arrangements for the Christmas Informal. Its members are E. H. Brink, W. A. Chapin, F. Hackman, E. Kream, F. L. Leason, R. J. Magnuson, C. Saletta, J. C. Stern, O. A. Tomei, and L. E. Zwissler.

Electricals Discuss Lockport Field Trip

Lively discussions on proposed field trips and W. Gruca's paper, "D. C. Transmission" occupied the lime-light in the A. I. E. E. meeting last Friday. Despite the sparse attendance, trips to Lockport and to the North Shore Electric shops were discussed with great vigor. President Kirsch read an invitation from the W. S. E. to attend their meeting next Friday to hear Major Lee discuss his military experiences. The remainder of the hour was occupied by Gruca's theme concerning methods and advantages of direct current transmission.

A.S.M.E. Votes for Smoker This Friday

In answer to the questionnaire recently circulated among members of the student branch of the American Society of Mechanical Engineers, the smoker committee announces a smoker next Friday night, December 13. All seniors, juniors, and sophomores in the mechanical engineering department are invited, the charge to students being twenty-five cents. Members of the faculty are also welcome after their evening classes.

Entertainment will be varied and plentiful during the evening, and refreshments will be sandwiches and coffee with perhaps cider for the coffeetoters.

The questionnaire revealed some interesting facts about the requirements of students for their entertainment. Of 74 votes cast, 42 wanted the smoker in a fraternity house, 35 wanted coffee and sandwiches, movies, and a humorous speaker; and Friday night was selected by a large majority.

ARMOUR (44)	ARKANSAS ST. (19)
Helko, f. 1	B. F. P. 1
O'Brien, f. 3	Norris, f. 0
Merz, c. 2	W. Davis, c. 3
Warner, g. 2	Langley, g. 1
Dollenmaier, g. 2	Rorex, f. 0
O'Connell, g. 2	Shannon, f. 1

Repeating last year's flying start, the Armour cagers trampled Arkansas State underfoot last week by a score of 44 to 19. The opposition was not all that was expected but perhaps it was Armour's advantage of height that made the score so one sided.

An unusually large crowd turned out to witness the game and to cheer under the able leadership of Jimmy Dunne and John Ratto. It is quite evident that the Armour spirit has reached a new high. Even a few of the members of the faculty have taken an interest in sports and turned out to cheer the team to victory.

Action Begins
Determined to show the crowd a little action, captain Dollenmaier opened the game by taking Merz' tip to race down the floor for the first basket. After a bit of sec-saw play, a jump was called at the free throw line under Arkansas' basket. Heike tipped the ball to O'Brien who sank a beautiful hook shot. Not to be outdone, the rest of the team laid down a barrage of shots which netted three more baskets in quick succession. The game then became an exhibition of expert ball handling and passing by both teams.

It was quite evident during this exhibition, that the Arkansas players were failing to follow up their shots. The Armour men always took the ball off the backboard while the visitors were left flat footed.

Arkansas Calls Time Twice
Warner finally got loose and dribbled through the whole opposing team for a nice step in. By this time the southerners were disorganized and had to call a time out. Soon after play was resumed, a rejuvenated visiting team started their attack. For the first time they followed up their shots and Baldwin scored for State. Encouraged by this score, the team continued to drive for the basket. Their offensive was disrupted, however, when Merz blocked a shot, grabbed the ball, and raced all the way down the floor but missed the set up. Arkansas, thoroughly disorganized, took time out again. Soon after play was resumed, Baldwin again rushed in under a shot, took the rebound, and netted another score.

A nice hook shot by the Arkansas center served to quiet the crowd a bit but soon afterwards Heike grabbed a blocked shot and passed to Merz, who was open under his own basket, a quick set up netted another score. The exertion must have been too much for Merz, for he came out of the game soon afterwards, pretty well tired out.

New Men Get Chance
The home team managed to keep the play in the visitors' territory for the rest of the half, but was unable to score again. The half ended with the score, Armour 21, Arkansas 9. At the opening of the second half the crowd was treated to some fast play. Finally Heike, at his position as pivot man, managed to twist around his guard and angle in a shot. The remainder of Armour's scoring was dominated by Heike, who was fed well at the pivot position. He piled up a total of 17 points by the end of the game.

With six or seven minutes of play left, Coach Kraft began substituting his new men. When there were still four minutes of play left, Armour's team was made up entirely of new men. All this time, Armour's score was piling up, while Arkansas was unable to score against our second team.