



KREISMAN ELECTED EDITOR IN CHIEF OF ARMOUR ENGINEER

**Barry Kostenko Takes
Place of Lomasney
as Comptroller**

BRENNER IS ASSOCIATE

At a meeting held Friday, the Board of Publications selected Herbert Kreisman, '34, as the editor of the Armour Engineer for the coming year. He succeeds Earl T. Sorensen, who has served in that capacity for the past year. Barry M. Kostenko, '34, was promoted to comptroller, and John L. Brenner, '34 was chosen associate editor. Kostenko, formerly assistant comptroller, replaces E. P. Lomasney, while Brenner follows H. Kreisman.

Kreisman, a mechanical, has worked for three years on The Armour Engineer. He has been promoted from the position of Associate Editor, in which capacity he aided Sorensen in the publishing of the Engineer under the new format.

Brenner has served two years on the editorial staff of the magazine. During this time he acted as an assistant, helping in the make up and copy reading. Kostenko is also a worker of two years experience.

Appointments Announced

The new Editor-in-Chief announces the appointment of Donald N. Chadwick as Technical Editor, the third major position on the editorial staff. As Technical Editor, Chadwick is in charge of the Technical Abstracts section and the Engineering Progress section. Other members of the editorial staff to serve for the next term are as follows: P. P. Polko, Technical Abstracts; E. W. Goswiler, Reviews Editor and E. O. Meacham, College Editor.

While, in the past, it has been the policy of a new staff to take office before the May issue of The Armour Engineer, under the new system the newly elected executives will take charge with the issuance of the March number of the magazine. These men will hold office until after the January, 1934, issue. The retiring senior executives and departmental editors will act in an advisory capacity for the remaining two issues of the year.

Engineer Reorganized

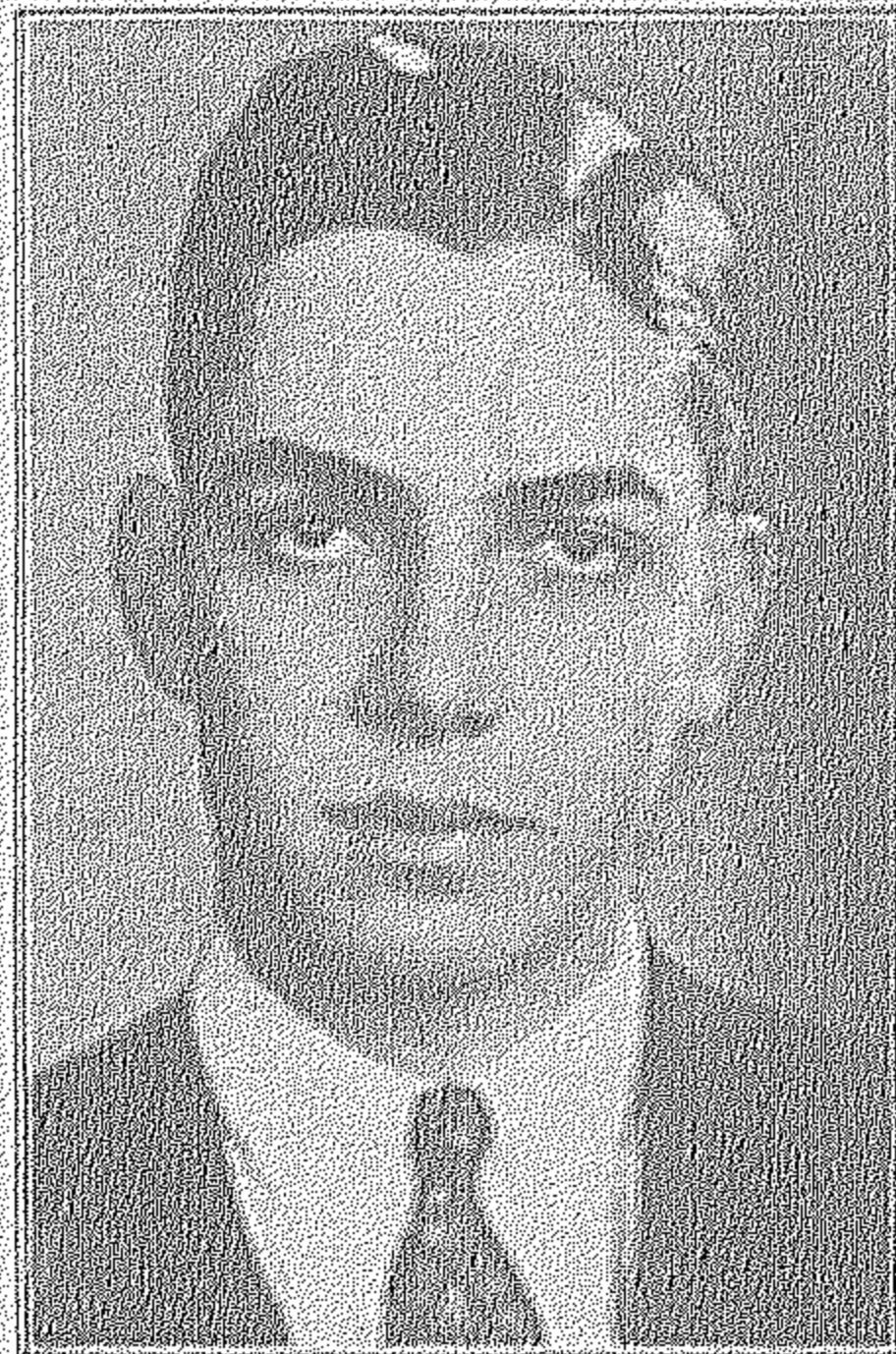
The Engineer was completely reorganized by the retiring officers, when it was found that considerable improvements could be made in the magazine by withdrawing from the Engineering College Magazine Association of which it had been a

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RETIRING, NEW ENGINEER EDITORS



Earl T. Sorensen



Herbert Kreisman

A. C. S. Addressed by Dr. Compton

An address on "The Nature of Cosmic Rays" delivered by Dr. Arthur H. Compton, Professor of Physics at the University of Chicago, featured the program of the regular monthly meeting of the Chicago section of the American Chemical Society held last Friday night, January 20, at the Midland Club, 172 W. Adams Street. The meeting was preceded by a dinner, and following the main address group meetings involving the various branches of chemistry were held in adjoining rooms. The program was arranged by the women members of the society.

Dr. Compton's talk was well worth hearing as he has devoted much of his time in recent years to the study of cosmic rays and is one of the outstanding authorities on the subject. The talk proved to be very interesting to all those interested in physics and scientific research as Dr. Compton presented his subject in a clear and simple way. Dr. Compton ranks high among the physicists of the world having won both the Nobel prize for Physics awarded by the Swedish Academy of Sciences and the Rumford Gold Medal of the American Academy of Arts and Sciences. He has been a professor at the University of Chicago since 1925.

Quite a few Armour students, past and present, and professors as well, attended the meeting to hear Dr. Compton. Among some of the Armour professors at the meeting were Professors Carpenter, Bentley, Freud, Gill, and Tibbels.

Junior Informal Huge Success

Festivities are over, the Junior Informal is history, and students who for Friday night longed, now remember once more that the final examinations are almost upon us. Beyond a doubt the things of the Informal were of such an order that "ordinary" things such as funds were swept into oblivion—and therein lies the success of the Junior Informal, which everyone knows was held last Friday night in the main hall of the Illinois Women's Athletic Club. In every possible standpoint—in gaiety, in sports, and in general good fellowship—the dance was all that the junior social committee had predicted that it would be. To use a little phrase far and of a better one he came up the evening, "a good time was had by all." Stated mathematically, again Friday night—a corking good time.

Professors Hault, Ross, and Gratton, and Messrs. Ketcher and Weinman with their wives (of course) were all present and they had even more fun than the students, if that were possible. Doug Peppard and his Northwestern University.

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Mr. Kelly Represents Tech at Lindblom High

Mr. E. Kelly, recorder in the office on January 11 represented the Institute at the Lindblom high school, "College Day."

Representatives of twenty-nine colleges attended the meeting, whose purpose was to familiarize the graduating students of the school, with the various opportunities offered by each college. This was accomplished by having the delegates all assembled in a conference room, and then assigned to a table, to which a student could go to obtain any information he desired.

Before the opening of the conference, the representatives were introduced to the members of the February and June graduating classes at an assembly, and later were the guests of the school at a noon luncheon.

Roesch Speaks to Members of A. S. M. E.

Members of A. S. M. E. met last Friday, January 20, in the Midland Building to listen to a talk given by Professor Roesch. No meeting of the A. S. M. E. had been held Friday, January 13. Professor Roesch gave an interesting talk to the members present on the subject of "Detonation."

NEW CYCLE SPONSORS

Professors J. F. Mangold, R. V. Perry, and W. A. Spencer have been appointed faculty sponsors of the Cycle by Dean Penn. They are to succeed Professors C. E. Paul, J. C. Peebles, and J. B. Finnegan who were recently appointed to the Board of Publication.

STUDENTS URGED TO ENROLL NOW TO AVOID RUSH

In order to avoid the confusion that is usually occasioned by registration day, students may register a week earlier if they so desire. Tuition may be paid on either Wednesday, Thursday, or Friday, January 25, 26, and 27, or on Monday or Tuesday, January 30 and 31, between the hours of 9:30 a. m. and 1:00 p. m. Students are requested to make these payments by personal check, money order, or certified check, in the Cashier's office on the second floor, Main Building. Enrollment in class may also be completed on these days by presenting receipts and tentative programs to instructors. For those who cannot take advantage of this opportunity for registering early, the regular registration day will be held on Monday, February 6, where the same procedure will be followed.

Registration by department can be made by enrolling in the following offices:

Mechanical Engineers: Mechanical Laboratory, basement of Main Building.

Electrical Engineers: Electrical Department, second floor Main building.

Civil Engineers and Architects: Civil Engineering Department, second floor Chapin Hall, 3527 Federal Street.

Chemical Engineers: Chemical Engineering Department, fourth floor, Main Building.

Fire Protection Engineers: Office of the Deans, Main Building.

Science: Professor C. E. Paul's office, second floor Chapin Hall, 3527 Federal Street.

Individual Bulletins on Courses Out Soon

A new series of bulletins relating to the courses in engineering, architecture, and science offered by Armour Institute of Technology has been prepared by the various departments of the Institute. Each bulletin will describe the field of work covered in a given branch of engineering or architecture, the kind of instruction given to the students in that department, and the opportunities for practice open to its graduates.

Such information should be of value to students in the freshman or sophomore classes who do not have a clear understanding of the kind of work which they are choosing as a profession, and also to those outsiders interested in work here at the Institute.

The bulletins will also be available to prospective students in high schools or preparatory schools who desire similar information.

The first bulletin will relate to the course in mechanical engineering and will be ready for distribution from the Office of the Deans on Thursday, January 26th. One week later, another will be issued by the Department of Electrical Engineering.

Positions Open on News Business Staff

All men interested in obtaining positions on the business staff of the Armour Tech News are invited to report to the News office at five o'clock Tuesday.

Freshmen and sophomores are urged to grasp this opportunity to acquaint themselves with the management of a newspaper. There is an excellent chance for advancement for those interested.

Offer New Course in Light Next Semester

A course in Light will be offered next semester by Professor Doubt. All students interested in this course are asked to see Dr. Doubt as soon as possible so that the class can be scheduled and the hours arranged.

The lectures and laboratory studies will include an extensive study of the phenomena of refraction, dispersion, diffraction, interference and polarization of light.

PRESIDENT HOTCHKISS TO ADDRESS STUDENTS AT ASSEMBLY FRIDAY MORNING

**A. A. Potter, Dean of Engineering at Purdue,
Will Speak Thursday on Engineer's
Part in Reconstruction Work**

FACULTY TO HAVE RECEPTION FOR HOTCHKISS



Dr. W. E. Hotchkiss

A. I. E. E. to See Sound Pictures

Plans for a smoker in the near future are being completed by the social committee of the A. I. E. E. It will probably be held between semesters and will thus enable the electricals to partly recuperate from the various tensions caused by final examinations, and properly prepare for the new semester. It is hoped that the affair will disappoint no one. Complete plans will be announced this week.

Negotiations are being carried on for the presentation before the A. I. E. E., sometime in February, of three sound films. Two of them are about sound pictures, and the third concerns trans-oceanic radio communication. The apparatus for the presentation of these sound films will, of course, have to be brought here.

Members of the senior class are preparing speeches on various technical subjects which they will deliver before the organization.

A. X. S. INSTALLATION

Alpha Chi Sigma, professional chemical society, has installed its new officers. They are as follows: M. A. D. J. Mollane; V. M. A., R. W. Marty; Reporter, R. McFarland; Recorder, R. H. Schorling; Treasurer, A. F. Kapecki; M. C., K. E. Eberly.

Fire Protect Fails to Distinguish Difference Between Water and Gas

By C. R. Bristol

As the old saying goes,—history often repeats itself. It so happened in organic lab a week ago last Monday, that E. N. Searl had difficulty in telling the difference between the gas tap and the water tap. Whether the water tap was the closer or not is hard to say, but anyway the strangest thing happened. For lo and behold, when Mr. Searl held a match to his bunsen burner, he was greeted by a stream of very wet liquid which ascended to the ceiling with very little hesitation. It so happened that Professor Bentley was standing near by and witnessed the fountain of youth.

In previous attempts Mr. Searl had met with much better success. This being the third time it had happened, he had the situation well in hand before the other fire projects could come to his aid. The first time, he was unable to leave the danger zone before things started to happen, with the consequence that he was unable to keep out of the line

of fire. He managed to become well saturated in the vicinity of the ears before he noticed that his match was out.

Later in the day, after being encouraged by his discoveries of the properties of water gas, he decided to see what further experimentation he could accomplish. Whereupon, he cautiously dropped his flask of sulphonic acid and found that it would not bounce.

Professor Bentley, hearing the small pop, rushed over to investigate. Seeing who it was, he decided the third attempt might be fatal, and excused the student with the understanding that he could get the results some other way.

A few days later, Mr. Searl began to wonder how the moths had liked his pants and how the leather in his new shoes could become worm eaten. He would like to announce that anybody wishing to know the facts about how to make a bunsen fountain, can obtain same from him for a reasonable fee.

Radio Programs Heard by Numerous States Throughout the Middle West

Listeners to the Armour Tech radio programs, which are broadcast every Sunday evening from station WJJD, range from Maine to Texas, and from professors in engineering colleges to little girls named Katherine whose fathers are captains of the Fire Department in East Orange, N. J., according to the letters received by the Development Committee. More than four hundred requests for copies of the talks have been received since the programs were started last fall.

Only about half of these requests are from Chicago, Indiana, Illinois, Pennsylvania, Michigan, and Iowa are the most consistent sources of letters. Toronto, Montreal, and Quebec lend an international flavor to the interest which has been recorded. One listener in Birmingham, Alabama and one in Scarborough, Maine write religiously each week.

It is difficult to calculate the occupations of the listeners from their letters. Careful reading between the lines, however, can sometimes reveal something of the nature of the writer. There is, for example, this request for a copy of Mr. O. B. Carlisle's talk on water supply systems, "Dear Sir: I am sending for the pamphlet that you talked about on

water. I would like very much if you could send anything also on water. We are studying water in school and I would like to get more on water. Your friend, Violet." Violet neglected to mention her last name and her address, so the Development Committee was forced to disappoint her.

An aviation enthusiast whose interest obscured his attention to syntax wrote the following in a careful round hand: "Gentlemen: I have been listening to some talks on aviation subjects by a man who at present I have forgotten the name of. I wish you would send me the copies of the talks on aviation of which I am very fond . . .", and so on, until he finished with a courteous and dignified statement, "I will be more than pleased if you will send the copies." The forgotten man was Professor Joel M. Jacobson, whose talks have drawn the largest response.

One young man, inspired by Mr. Henry Penn's recent talk, "The Story of Steel," volunteered a 200 word essay entitled "Nothing Stronger Than Our Steel." The essay concludes with a paragraph indicating a sound grasp of the current economic situation, "A steel mill pays cheap wages therefore it can be paid cheap."