



Arx to Hold 'Carrossel' at Electric Club Friday

'Swing to Bob Phillips' Rhythm' Exhort Architects

It's here! What? The Arx informal! With this announcement, a horde of 'Teachers and 'dates' will "swing it" next Friday evening at the exclusive Electric Club, located in the stratospheric atmosphere of the 37th floor of the Civic Opera Building, W. Madison Street and Wacker Drive. Bob Phillips and his aristocratic purveyors of the fine art of rhythmic harmonies will furnish the music.

The Arx dance, a traditional affair given yearly by the Architects, has always stood out among the many dances given by various school organizations. Last year the dance was held at the Diana Court and was thoroughly enjoyed by the large crowd attending. This year the dance promises to be an even bigger affair, with a still more enjoyable time in prospect.

The Electric Club has an ideal dance floor, where all who care to can do the "Big Apple," "Suzie Q," "Truckin'," or a waltz. For those who would rather do other things, spacious lounges are provided. This latter feature should please the student who doesn't like to ride around on the little woman's feet all evening.

The stipend is \$1.50. Bids may be obtained from any architecture student. An added feature is that the dance is being held in the downtown district, but away from the huge crowds that monopolize parking space around loop hotels. Thirty-seven floors up also insures complete privacy from outsiders.



AI N. Schrieber

UNDER THE LEADERSHIP of Joseph P. Kennedy, chairman of the comparatively new Maritime Commission, the United States' Merchant Marine is undergoing a thorough overhauling.

A new first class passenger ship is being built to compete for North Atlantic trade of which only 6% goes to American ship lines. Also plans have been approved for the mass production of inexpensive steel freighters one and one half times as fast as present boats in service. Shifts are being made by shipping lines in conjunction with the Maritime Commission to place the existing modern American liners for the greatest travel demand.

THE U. S. FOREIGN SHIPPING business has total assets of about \$400,000,000 and does about \$200,000,000 worth of freight carrying. This is about the size of the soft-drink business. However a ranking difference between these two businesses is the fact that soft drinks net a tidy profit every year, while our Merchant Marine has and is operating at great losses.

This has brought about an entirely new principle in American business—this is the direct out and out subsidization of a private industry by the federal government. Here-to-fore the profit motive was the basic foundation of the economy of the United States, and those businesses which could not or did not show profit were rapidly replaced by those that did.

IN CONTRAST TO President Roosevelt and Shipping Dictator Kennedy those who follow through the American principle of economy say that shipping is a service and if a foreign ship can perform this service cheaper than American ships (as is usually the case) it should be allowed to do so. Further, since the U. S. is an inland nation, almost self-

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Pestalozzi Froebel College to Entertain Musical Club

A special invitation to a tea-dance on next Friday, November 19, has been extended to the members of the Armour musical clubs by the girls of the Pestalozzi Froebel Teachers' College. The affair will be held from 4 to 6 o'clock in the afternoon in the assembly room of the college in the Fine Arts Building on South Michigan Boulevard. The program planned by the young ladies should furnish a very attractive afternoon.

Colloquium Will Hear Lecture by Spencer

Krathwohl to Present Paper on Effective Teaching

Prof. W. A. Spencer of the mathematics department will speak on "Mathematical Charts and Models" in Chapin 102 next Thursday afternoon at 5 o'clock before the "Mathematics Colloquium."

The Mathematics Colloquium meets every two weeks for the discussion of mathematical research and items of mathematical interest. Members of the faculty and advanced students are welcome. At earlier meetings, Dr. L. R. Ford spoke on "The Green's Function" and Mr. Sachs on "Newton's Polyhedra."

Dr. W. C. Krathwohl will give a paper on November 20 before the Northern Illinois Junior College Conference on the subject "Effective Teaching." The first part of his paper will stress the use of color in teaching. He will point out that advertisers have recognized the value of color appeal; however, many teachers still use the drab white and black and probably will for years to come.

The second part of Dr. Krathwohl's paper will show how the principles of Gestalt psychology can be applied to the construction of models. Gestalt psychology was primarily developed in Germany by a group who conceived of events as occurring not through the summation of separate elements but through the function of forms as units.

Last Wednesday evening, Dr. L. R. Ford, head of the mathematics department, spoke on "Fractions" before the Northwestern University faculty mathematics club. Professors S. F. Bibb and W. A. Spencer also attended this meeting.

'Stokers' Discussed At A.S.M.E. Meeting

At the last meeting of the society which was held Friday, November 12, in the Gas laboratory, Edmund Skrzydlewski, M.E. '38, addressed the group and discussed the subject of stokers. This is in accordance with the society's aim to have student speakers address the meeting and thus gain experience in public speaking.

The student speaker illustrated his lecture with slides showing the various types of stokers and the peculiarities of their installation. Describing the various fuels for industrial purposes, it was pointed out that bituminous coal is by far the most commonly used fuel. The increasing use of petroleum and natural gas in competition with coal was also pointed out. The discussion was aided by Prof. H. L. Nachman who described the types of boilers capable of generating a million pounds of steam an hour.

Associate Dean Publishes Hours of Room Vacancies

Associate Dean Tibbals has had posted on several bulletin boards the list of vacant classrooms at hours during the day. Students are welcome to use these rooms singly or in groups for study purposes.

Any responsible group may reserve a classroom by applying to Dr. Tibbals. Smoking, however, is not permitted in any room.

P.L.U. Pledges Three Men, Two Juniors, One Senior

Phi Lambda Upsilon, honorary chemical fraternity, gave its laboratory quiz last Friday night and pledged three men. Wearing the pink and blue pledge ribbons are B. W. Gamson, senior, and E. J. Loutzenheiser and P. J. Peltier, juniors.

The written examinations had been given two weeks ago. Now the pledges are going through their various pledge tasks.

Juniors Plan Smoker for Next Wednesday

With all the thrills and gaiety, Monte Carlo will take over, in spirit, the junior class at a smoker to be held on Wednesday evening, November 24, at the Lawson Y.M.C.A. starting at 8:30 o'clock.

Swimming, ping pong, all dice and card games, and all other methods of gambling will feature the evening. Each member of the class will be given paper money of a certain amount at the start of the evening. The money will be used in playing the various games. The holder of the most money at the end of the evening will be considered the winner. The very valuable prize of a bid to the Junior Formal Dinner dance will be the prize awarded. This bid will be worth at least five dollars and entitles the winner to all privileges at the highlight event of the Armour social season.

Refreshments will be served as a fitting conclusion to an evening of fun. Tickets may be secured from members of the social committee or from any of the class officers. These men are: B. G. Anderson, I. M. Footlik, D. Jacobson, W. A. Stuhr, W. E. Kruse, E. C. Mitchell, P. Peltier, and L. A. Bain.

400,000 People in Hysterics; Cyril Flies into Walls of Mission

By R. Perry

Once, there was a pigeon; there have been pigeons before this pigeon and there will be pigeons after this pigeon. (If the CHICAGO DAILY NEWS can write about pigeons on an average of once a week the ARMOUR NEWS ought to be able to. What have they that we ain't besides 400,000 circulation and a profit?) This pigeon shall be called Cyril because that was not his name.

Everyone knows how much a pigeon resents publicity; even though there are some publicity seekers, these may always be identified by the fact that they generally arrive at a large office window in the middle of a driving snowstorm wearing an aluminum leg band and an assumed tired look. Someone in these offices picks up these notoriety hounds, nurses them, and then phones for the riot squad and the reporters. The choice wits of the police department are all on this squad and succeed in getting off such devastatingly humorous remarks that all the reporter has to do is to iterate and edit their remarks while pointing out the manner in which they entered the room with drawn guns and tear gas. Presumably 400,000 people are that night, feebly twitching on the floor, overcome by laughter.

Cyril Was Abnormal

Cyril, however, was not an ordinary, aluminum band wearing, riot squad inciting pigeon. While other pigeons were off playing and doing whatever it is that all young and care-free pigeons do, Cyril remained on his perch and meditated with a very thoughtful and, it must be admitted, smug look on his face. He had a superiority complex, had Cyril. He yearned for the Higher Things.

Somewhere along the mental track his admirable thought processes were side tracked and he arrived at the entirely fallacious conclusion that Armour Tech was the place to pick up the knowledge, since, as has been known for some time, the average engineer's idea of the Higher Things are the LL scales on his slide rule.

Comes the great day when the search for food for the seething gray matter is to center on Armour. Seizing himself cautiously in a ventilator that fails to ventilate in Mission, little Cyril happily waits for a

Fire Hazard Resulting From Air Conditioning Discussed by Fleming

A woman on the eleventh floor of a modern metropolitan hotel went out to drop a letter in the mail chute and fell dead. Murder? No, merely an illustration used by Mr. T. A. Fleming of the staff of the National Board of Fire Underwriters in his lecture on the increase in hazard arising from new developments of industry, given to the Fire Protects last Friday.

Emphasis was placed upon air conditioning and through a number of examples and explanations he brought home the point that no community has sufficiently considered air conditioning as a fire hazard, although it may form a serious menace to life and property.

The woman's death was caused by the superheated air, at a temperature of three to four hundred degrees, inhaled by the woman as she walked into the hall. The source of the air was a harmless fire in the boiler room, eleven stories below, which caused no damage in the immediate vicinity, but killed an elevator operator and the woman, and started fires in several rooms on the floors above. The superheated air, which caused the havoc, escaped up from the boiler room through the cracks which occur between doors which were supposedly of the best fireproof construction.

Sometimes the air conditioning ducts are of flammable material and the superheated air sets fire to them, spreading the flames at a terrific rate. The ducts for air conditioning also act as conveyors of toxic fumes and what then results was illustrated by the Cleveland hospital fire in which the fumes from the burning x-ray films killed over one hundred patients.

Bishop Stewart Moves Audience With Stories of Personal Experiences in World War

With Stories of Personal Experiences in World War

Opening with the singing of "America" followed by selections by the orchestra and glee club, the Armistice Day assembly was successfully climaxed by a most stirring and dramatic speech by the Right Reverend George Craig Stewart. Speaking with a firm voice, Reverend Stewart commanded the utmost attention of the entire audience as he related his various experiences bringing out each point directly and briefly.

Speaking of the wartime days when he served as chaplain for troops at Chateau-Thierry and in the Argonne, he pointed out that the true test of bravery is found under shell fire. "Every man is afraid of shelling going over," he continued, "but bravery is found when the man says to his legs, 'go ahead and tremble, you'll tremble worse when you know where you're going.'" "Courage is a distinctive feature, but unselfishness is also another noble quality. I have yet to remember a man coming up from unconsciousness to consciousness, having lost an arm or leg say: not 'will I see again or have I lost an arm,' but 'did we take our point, did we hold the line, did we take the brigade, did we cross the river,—did they do what they set out to do?'"

One of the main objections which Reverend Stewart presented was the thought of men being mere mechanisms or eugenic accidents. He then continued to speak of the "pressure" which plunges nations into war. War is a "doom laid upon us and plunges into destruction our modern culture and education." "When," he then went on, "youth does not want it, governments don't want it, dictators, mothers, churches, and religion don't want it—what pushes us into war?"

He described how man's avarice represented by economic pressure and growing nationalism, causes war.

He then told how educated men must understand ways to keep the world from war. They must learn "mutual understanding of each other."

Following the pledging, Dr. Poulter gave a very interesting talk on meteors in which he recounted the results of observations conducted at the South Pole.

Two Students Speak at A.I.Ch.E. Meeting

Civil Honorary Pledges One Junior and Three Seniors

Talks by N. K. Anderson and E. F. Wagner, senior chemicals, featured the meeting of the A.I.Ch.E. last Friday, in the physics lecture room.

N. K. Anderson spoke on the use of "Logarithmic Mean Temperature and Radius in Chemical Engineering." Anderson pointed out that these concepts, although finding wide application in chemical engineering, must be utilized under conditions corresponding to the assumptions made in deriving the formulas.

Armour Players Present O'Neill Drama on Friday

Juicers to Revel at Stag Smoker Tomorrow Night

Tomorrow night the juicers of Armour will gather for an evening of gaiety at the A.I.E.E. smoker to be held in room "D" Mission. There will be games, prizes, music and refreshments as well as cigars and cigarettes. The fun is scheduled to begin at 8:00 o'clock.

"Rectifier Tubes and Circuits" was the topic discussed by Z. J. Atlee at last week's meeting. Mr. Atlee pointed out the physical factors influencing the design of high voltage vacuum tube rectifiers, and he showed how these tubes are used in conjunction with X-ray tubes. The group was shown a commercial oil-immersed rectifier tube capable of withstanding a peak of 140 kilovolts. Instructive leaflets on tube design were passed around to the students.

Honorary Mechanical Pledges Six Men

Pi Tau Sigma, honorary mechanical engineering fraternity, pledged three seniors and three juniors last week. The senior pledges are C. Malmfeldt, D. B. Rodkin and E. F. Sipp. The junior pledges are M. Ephraim, C. J. Kovacic and N. D. Rice. Professor W. A. Pearl was also pledged as a faculty member.

A group which will represent the Armour Delta Chapter at the national convention of the society, will leave tomorrow by automobile for Philadelphia where the convention will be held. The men who will make up the group are C. K. Nauman, official delegate, L. I. Thomas, H. B. Nicholas, P. Neuert, J. Prochaska and A. N. Schrieber.

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Drama of Sea Marks Guild's First Play of Season

Eugene O'Neill's play "Where the Cross Is Made," will be presented next Friday morning, in the Mission auditorium at 10:30, by the Armour Players as their first play of the current season. Tickets selling at ten cents may be obtained from any of the Armour Players. The Guild, honorary society controlling the Armour Players, in cooperation with their new sponsor, Prof. Homer C. Combs, newly appointed instructor in the department of English and languages, has planned an extensive and active program.

One-act Play

The play to be presented is one of the more popular "one-acts" written by Mr. O'Neill, considered by many to be the most outstanding modern American playwright. It was chosen after careful consideration of many plays, by the Guild, and has five men and one woman in the cast. The play was given special attention because of the enthusiasm with which Armourites received the last O'Neill play presented by the Armour Players, "In the Zone," three years ago.

The cast as it now stands is as follows:

- Captain Isaiah Bartlett.....
-A. N. Schrieber
- Nat Bartlett, his son.....
-Charles MacAleer
- Sue Bartlett, his daughter.....
-Mary Russo
- All of the Schooner "Mary Allen"
- Silas Horne, mate.....
-Monte MacConnell
- Cates, bo'sun.....Sidney Kreiman
- Jimmy Kanaka.....John Catlin

Mary Russo Donates Services

Miss Mary Russo appeared some time ago in a number of Guild successes, and will be most remembered by her excellent portrayals in "The Red Robe," and "Waiting for Lefty."

The technical staff which will be largely responsible for the success of the play consists of

- R. Erisman.....Publicity
- M. Pantone.....Stage Manager
- Scenery Designers.....A. George, G. Danforth, J. Rea, G. Scott.
- Electrician.....W. Emmerich
- Costumes.....W. Buchman
- Properties.....R. Brinkman

Freshmen Have Classmates; Sign Petitions for Position on Official Election Ballot

At a freshman class meeting on last Friday, the freshmen decided to use the petition method for the selection of candidates for class officers. Temporary chairman, P. Shaffer, presided at the meeting. The election committee decided that the petitions must contain at least twenty-five names, and that duplicate names must not appear on petitions for the same office. The general election will be held in the very near future.

The petitions for the office of president are: G. Garges, B. Graham, D. Long, and P. Shaffer; for vice president: K. Myers, B. Hoverson, F. Reh, and S. Shapiro; for secretary: J. McAlean and R. Zoellner; for treasurer: D. Crego, D. Graf, C. Kramer, and J. Waber; for social chairman: G. Baumann, F. DeMoney, H. Leave, and J. Smith; and for the A.T.S.A. representative: G. Hamilton, R. Jacobsen, B. Sweeney.

The temporary chairman also announced that there is a standing gentlemen's agreement between the representatives of the freshmen and sophomore classes and dean Tibbals that there will be no more "departing." The freshmen are, however, urged to wear their green caps for the purpose of uniting the class.