

OPEN HOUSE APPROVED FOR 1936

New Cosmic Ray Machine Meters Energy Release

New Instrument To Be Used World-Wide Search Weighs Ton

Prof. Bennett One Of Designers

Variations in cosmic ray intensity, a subject of wide scientific interest, will be studied at the Institute this winter with one of the seven new cosmic ray intensity meters which are to be used in a world-wide investigation of cosmic radiation, under the auspices of the Carnegie Institution of Washington.

These new instruments, each of which weighs more than a ton, were built at the University of Chicago under the direction of Dr. Arthur H. Compton, who, with Dr. A. W. Simon, also of the University of Chicago, and Professor Ralph D. Bennett of the Department of Electrical Engineering at Technology, designed them.

The purpose of these extremely sensitive meters is to measure the variations from normal in cosmic ray intensity and to discover, if possible, the source of the rays by correlation of these variations with such manifestations as sidereal time, sun spot cycles, terrestrial and solar magnetic storms, and the rotation of the galaxy.

(Continued on Page 5)
Cosmic Rays

Chaperones Will Pick Most Handsome Escort At 5:15 "Turkey Hop"

Gift Turkey Will Be Reward For Couples Frequenting Secret Nooks

Are there any handsome men at Technology? The 5.15 Club will try to answer this question at their gala Thanksgiving festival which will be conducted on Thanksgiving eve, in the Main Hall of Walker Memorial from 9 to 2. Beside the "handsome man" contest a turkey will be awarded to the lucky winner.

Believing that women have too much of a monopoly on the beauty world, the commuters will present a beauty contest for men as a feature of the dance. The chaperones will be asked to serve as judges, and will pick six or eight of the more winsome members of the stronger sex. The winner will be chosen from these by popular acclaim, and a device for recording volume of applause will be on hand so that the final decision will be absolutely fair to the beauties.

The committee in charge of the dance, composed of Richard A. Denton, '36; Hyman Brettman, '37; Milton Lief, '37; and G. Maurice Levy, '37, is planning to have the hall decorated in the traditional Thanksgiving fashion, with corn shocks, and pump-

(Continued on Page 6)
Commuters Dance

Musical Clubs Will Give First Concert

A concert, the first venture of its kind, will be conducted tomorrow afternoon by The Combined Musical Clubs Orchestra, in Room 2-390, between the hours of 1:00 and 2:00 o'clock. The concert will be open to members of the faculty and the student body free of charge.

George R. Robinson, '36, will conduct the orchestra. He will also be pleased to interview any one interested in music in the new musical clubs room, 2-390, on Monday or Wednesday afternoons at 5:00 o'clock.

Tech Show Rehearsals Begin on Wednesday and Thursday

Tech Show will go into production early this week, with the beginning of rehearsals on Wednesday and Thursday. The cast will hold their first rehearsal at 7:30 on Wednesday in the West Lounge of Walker; and the chorus will first rehearse Thursday at 7:30 in the Gym in Walker.

It is not too late, according to the management of the show, for prospects to come out for the various departments of the production. All those who wish to work for the management should report on Thursday.

The script for this year's Tech Show was written by Rufus P. Isaacs, '36, of Course IX-B. A good turnout for the cast and chorus have been reported, although any new material will be given an opportunity to qualify.

Purpose Of Life Is Tech Union Subject

Wealth, Learning, Character To Be Defended In Three-Cornered Debate

What is the secret of success in life? Is it Money, Marks, or a Winning Smile? Such are to be the matters of concern at a three-cornered debate to be conducted by the Tech Union next Tuesday evening, November 26, at 8 o'clock in the Eastman Lecture Hall.

Prominent faculty members and students will defend the three respective points of view, namely that the amassing of wealth, the attainment of Dean's List marks, or the development of a personality is the supreme objective to be sought in a college education.

(Continued on Page 4)
Tech Union

Tentative Hockey Schedule For Coming 1935-36 Season

Dec. 3 Boston University.
7 Princeton.
10 Harvard.
13 Brown.
Jan. 2 Northeastern.
8 Dartmouth.
10 Mass. State.
Feb. 1 New Hampshire.
13 Colby.
18 Boston University.
22 Williams.
29 Army.

250 Couples Dance At Boat Club Fete

Marine Atmosphere Prevails As Shell, Oars, Flags Adorn Hall

Over 250 couples traversed the gang plank to Walker and danced to the strains of Al Starita's music at the Tech Boat Club's annual "Yacht Party" held last Friday night in Walker where a jovial marine atmosphere prevailed.

Decorations lent themselves to the spirit of the evening, and Walker assumed a truly nautical appearance. Numerous flags were flung across the ceiling, and a Varsity shell was suspended above the heads of the orchestra. Oars adorned the columns, and sundry other decorations were placed about the hall.

The dance was run in cabaret style, with tables arranged about the main floor and on the balcony. Table service was provided, and refreshments were served throughout the evening.

Attractive souvenir programs were presented to the girls, and the dance sets were arranged in honor of some particular person or group. Coach Bill Haines received a good deal of applause when the set in his honor was announced. In addition, the Varsity, Jay Vees, and 150's were favored with selections in their honor. The Boat Club announced that the dance was a financial as well as social success, with the net proceeds totaling about \$50.

Prof. Burdell Speaks At The Tech Banquet

Over fifty members of the staff of The Tech heard Professor Edwin S. Burdell declare that although they had failed to profit by the mistakes of past Tech writers, the present-day staff apparently had more sense. This tribute to the paper was made at the staff banquet, held last Saturday night. This was the first meeting of the entire staff this year.

General Manager Elwood H. Koontz presided, and Editor Ralph D. Morrison, Jr., and Managing Editor, Anton Hittl were each called on for a few remarks. The banquet broke up with the singing of the Stein Song.

Institute Freshman's Experiences In Soviet Union Told To The Tech

"Their apparent zeal for education, despite advancement in age, was the most amazing thing that struck me during my stay in the Soviet Union". Thus spoke Arnold Epstein, '39, who recently returned to the United States after a three year sojourn in Russia, in an exclusive interview with The Tech yesterday.

Mr. Epstein, who was born in this country spent three years working in both an aeronautical establishment and in a tool plant in Moscow. Last year he attended the College of the City of New York and is at present enrolled as a freshman at the Institute.

"Men of 35 studied side by side with boys of 20; they played the same games and the same pranks. All that they did was done in common. They would attend the theatre and concerts together. They studied, played ball, ski, or partook of vodka in unison."

One Student Was 35
"I have in mind particularly a man of 35, of peasant origin, lame in one leg from a wound received in the civil war. In his youth he had received only four years of schooling in his village and had only recently completed elementary and secondary

(Continued on Page 6)
Russia

Decision Is A Surprise After Previous Indications

Chairman Of Executive Comm. Formerly Expected Negative

Results Of Student Balloting Shows Nearly Unanimous Support Of Issue

Open House for 1936 was recommended by the Combined Professional Societies in a special meeting of the Executive Committee Friday, November 15. The decision came as a surprise since all previous indications were that the Professional Societies would recommend that Open House be discontinued.

Chairman Voices Negative
"In all probability, the Combined Professional Societies will not petition for Open House to be held this year," declared Charles F. B. Price, Jr., '36, chairman of the Executive Committee, at the meeting of the Institute Committee the day previously.

The statement came after John C. Austin, '36, president of the Institute Committee suggested that a resolution calling for the Institute Committee's support of Open House be tabled until the results of the Professional Societies' poll be announced.

"I am for Open House, and I am sure it will go over this year," declared John C. Austin, '36, President of the Institute Committee, when told of the decision last night. The date

(Continued on Page 6)
Open House

M.I.T. Debaters Meet Boston College Team On Next Friday Night

Subject Will Be On Federal Aid To Equalize Educational Opportunities

Following the regular meeting of the M.I.T. Debating Society, on Thursday, at 5 o'clock in the West Lounge at Walker, there will be a short debate on the subject; "Resolved: That Roosevelt can be re-elected." Following the debate will be a discussion of the question from the floor.

A varsity debate with Boston College will be held Friday night at 7:45 in Room 6-120. The subject will be "Resolved: That the Federal government should grant aid to the several states for equalizing educational opportunities for primary and secondary schools." The speakers on the Technology team will be Howard I. Schlansker, '38; Paul A. Vogel, '37; and Philip R. Searito, '37.

Judges for the debate will be Mr. William Pierce and Mr. Joseph Hobbs of the Boston Latin School.

Faculty Club To Hold Luncheon and Meeting

Speech To Be Given On Science Under Soviet Government

Dr. John G. Trump, of the Department of Electrical Engineering, will be guest speaker at the luncheon meeting of the Faculty Club on Wednesday, November 20, at 12:05 P.M. in North Hall at Walker Memorial.

In company with Professor Robert J. Van de Graaff, of the Physics Department, Dr. Trump made a trip to Russia last year at the request of the Academy of Science of the U.S.S.R. to discuss their work on the engineering possibilities of vacuum insulation and on high voltage nuclear disintegration. In his talk Dr. Trump will comment on the re-

(Continued on Page 6)
Faculty Club

Stars of Dramashop Production



Staff Photo
Anne A. Person, '39, playing the role of "Marie" and James J. Souder, '36 as "Josef" in Wodehouses "Candlelight".

Dramashop Presents Wodehouse Play On Thursday, Friday, and Saturday

Dramashop will present the P. G. Wodehouse comedy "Candlelight", Thursday, Friday, and Saturday nights, November 21, 22, and 23 in the Commons Room of the Rogers Building at 8:15. The price of the tickets is \$1.00 and they may be bought from any member of the cast or in Room 2-176.

"Candlelight" is a translation by P. G. Wodehouse, from German into English of a play written by Siegfried Geyer. The title is from the old quotation "Choose neither women or linen by candle-light", and the play is a light comedy in which a man's valet falls in love with a parlor maid while he poses as a prince and she as a baroness. The lines are neatly worded and the acting makes the situation very humorous.

The scene is a small drawing-room in the prince's bachelor apartments, luxuriously but tastefully furnished. The arrangement that is to be used is an original creation of John P. Allen, '36, the stage manager, and consists of two cream cycloramic curtains and a floral mural for the back-ground with modernistic furniture and a

modernistic balcony in the foreground. The colors are mostly blue-green and tan, and the cream backgrounds will contrast the brightly colored dresses. Most of the costumes are formal evening clothes and be-

(Continued on Page 6)
Dramashop



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THOROUGH LITERATURE
A NEW MAN ARISES

THERE exists in every embryo scientist and engineer the desire, sometimes dormant until he is able to see the forest rather than the trees, to possess the ability to deliver well founded opinions upon academic as well as technical subjects. Too often, the aspirant reads a small amount of literature upon some topic of current interest, such as communism or socialism and then stops with the thought that he now knows more about it than his classmate.

Of course his views upon the subject are limited, but it would be a rather futile expansion of effort to attempt to point out to him that fact. Furthermore, the character of the reading which he has accomplished is very likely to be of the light type, in words of one syllable, yet containing the fiery enthusiasm necessary to the breeding of young radicals. The literature which really presents the political views of world leaders, the deep and heavy reading which alone can present the careful, original thought and logic of the propounders of political theory, is seldom seen by this public enemy, who thinks he has grasped a three dimensional comprehension of the subject from the shadow which has passed before his eyes.

Yet he insists upon presenting his distorted opinions to others, even attempting to spread them, with no more grounds than that he has a constitutional right to do so. It is probable that Marx would turn over in his grave if he were to hear some of the statements attributed to him. The only manner in which the original view can be obtained is to go to the original volume and read it, even if such action requires familiarization with a foreign language. Even translations are to be avoided, because of the national or racial prejudice of the translator, if the undistorted viewpoint of the original logic is to be obtained.

It is unfortunate that some students are so weak as to succumb to the patter of this type, under the delusion that they are following disciples. Actually, the blackguard who spreads the so-called teachings operates upon the principle that he has graduated from the disciple stage and become the prophet and leader. It would be well for those of the mob who follow him, for those who really wish to see the worthwhile political theories as they were originally propounded, to heed the maxim "What is worth doing is worth doing well", and to peruse less biased literature to an extent which will permit them to see the falsity and perversion of the teachings of the student demagogue.

PROFESSORIAL LANDMARKS
TECHNOLOGY ARRIVES

IT is generally conceded that a school which begins to point out certain members of its Faculty as landmarks has arrived where it is considered "well-and-long-established"; it is granted all the glory inherent in tradi-

tion, and may begin to point out the age of its ivy.

It is not generally realized that Technology has been in this class for some time now, although for obvious reasons the age of our ivy has been no source of pride. But the professorial landmarks are here for the most part; some of them have passed into the shining halls of tradition, but many still remain.

Within our time we recall the beloved "Beaker Joe". The name was not applied with any feeling of disrespect; it was the expression of true ownership, meaning that "Beaker" was our own, loved and admired for his keen humor and intelligence. The sagas of this man are endless in number; he is a part of the tradition that makes us feel that we belong.

The man whom most of you know now, and whom all of you will know before you graduate is Professor X. Recitations of his mannerisms have become a ritual with those who attempt a general picture of the school by impressionistic means.

His entrance into the classroom is a well-regulated habit. First the chair at the front, usually covered with a small film of chalk dust in which a less meticulous soul might sit, is flicked in a slightly annoyed manner with a large white breast pocket handkerchief. He is a lover of fresh air: in practically all weather except when wayward flights of snow might inundate the room, the window is raised exactly one foot, if necessary there is another demonstration of annoyance, this time with the janitor for not having erased the board.

His wit makes him the center for whatever discussion in which he participates in the Faculty Dining Room, and this same wit bites deeply into the shell of the lazy student.

And with many of his colleagues he has become part of the Institute in truth. Some of the stories told about them seem almost mythical, some of them may actually be so. Yes, Technology has established its professorial landmarks and may be said to have arrived.

EDITORIAL NOTES

It is seldom that we take the liberty of recommending to you any student activity even on its own merits, but this case is particularly exceptional. On Thursday, Friday, and Saturday the Dramashop will present "Candlelight", a comedy adapted by the brilliant English humorist Pelham G. Wodehouse.

Because the facilities of the organization are necessarily limited, as are those of most Technology undergraduate activities, relatively few students may participate, and many prospective members of the audience do not become aware of the Dramashop's work until after it is completed.

Rather than urge you to attend Dramashop, we prefer to urge you to seek out someone who has attended previous performances. At least this will test the organization's prideful statement that no one has ever been disappointed.

Editors' note: We are in receipt of a letter signed "Ignorant Foreigner" which under ordinary circumstances we would be very glad to publish. However, the writer neglected to place his real name on the letter in addition to the pseudonym he wished used in publication. If "Ignorant Foreigner" will call at the office of The Tech, in the basement of Walker, and sign his letter, we can assure him that his name will not be revealed, but that his letter will.

With The American
College Editor

Youth Alert

"The Youth Movement in America has not gained the strength or position that it has in Europe. We have thirty million students but they don't seem to realize the vast political influence they could exert."

Thus speaks Robert A. Klein, president of the Day Student Organization at New York University. And the significance of this student leader's remarks involves the following three points:

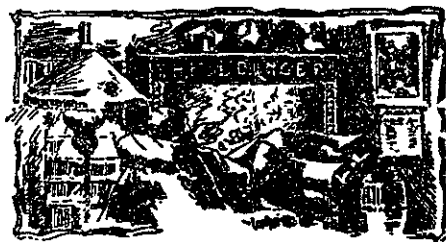
First, there is unbelievable strength in the present student generation which could immediately be utilized in shaping present-day politics. This does not particularly limit itself to student affairs or national affairs directly affecting students, but also to major policies of our government which are part of our older generation's heritage.

In the second place, college students today must utilize their opportunities to digest thoroughly current and historical politico-socio-economic happenings, to quarrel among themselves that they may learn to intelligently criticize and master the intricacies of modern imbroglia.

In the third place, the demands of changing social systems upon youth give our college students the opportunity to form their political philosophies early.

For it is only too obvious that the new dictatorships and the new democracies are absolutely dependent upon the world's youth for their continuation and their success, and in this situation youth finds itself subject to propaganda and facts and figures which make demands upon its intelligence.

—Exchange



Woeful wanderings

Not the least of the disappointments which fall upon the unsuspecting heads of expectant youth is the feeling of absolute emptiness after a banquet over at 10:30 at the prospect of a whole night with nothing to do. So, we have been assured by a half dozen searchers after free fun, is the case. The scene was the streets of Boston.

Bostonians are disappointingly self-centered folk, the sextet found. Standing at six street corners, one after the other, and gazing excitedly into the air brought many upward looks, but no crowd. True, a proud mother of four lively offspring experienced considerable difficulty in inducing her charges to come away from the "funny mens," but otherwise there was no result.

Finally coming to the "Met," one of the group, a candid camera fan, decided that he wanted an informal shot of the ticket seller. Approaching the booth, he lifted his camera to his eye. The young lady, very intent on figuring the receipts for the day, did not look up. "Please," he remarked. She glanced up, lost several degrees of color, and made a grab for the alarm button. But the shutter had clicked and the young man was on his way again. The debate is now whether the damsel really believes that everything shiny black with a round opening in front is a gun, or whether she just didn't want her picture taken.

Complaint

Once in a very long while we are so dissatisfied with affairs outside of Tech that we want to tell every one about it. Take the picture of the late American humorist now showing in Boston. A few weeks ago it was advertised as part of the great legacy of entertainment left by the comedian to the American people. Today it is co-featured with the story of a pretty little amateur prostitute. Something should be done.

Caught red handed

The story of the photophan and the law has enjoyed a wide circulation in the dormitories. Though a few weeks late we feel that it is still good enough to print. The young man had built himself a telescopic camera from the range finder of a machine gun. About three feet long, it was, cylindrical with a three inch diameter. At one end was a hood to keep the glare from the lens. The whole was mounted on a tripod, and a heavy cloth thrown over the image end for focusing.

At eleven one night the owner knelt on the front steps of Walker, adjusting and testing his contraption. Suddenly, "Get away from that machine gun." He looked up into the drawn revolver of the Cambridge police department. "Don't make a move." He tried to explain. The tripod was much too weak to support a machine gun. If the officer would just lift a corner of the cloth he would see that the contrivance was a camera. Finally, his hand steady and his eyes glued to our hero, the officer lifted the cloth from the camera. Not another word did he say. Just walked away, shaking his head.

XV reports

Professor Schell had just finished advising his charges in XV to take the color test being given by Filene's. The purpose being to determine what colors, contrasts, etc of colors in neckties would make the future executives look properly dignified. And in walked Prof. Fernstrom with a white necktie with red diagonal stripes.

Odds and ends

At least the profs who give quizzes the day after Thanksgiving know what we think of them . . . we suggest that all Tech men interested in the Anne-combine find another place to eat than the establishment across the river . . . because Anne left due to differences of opinion . . . co-eds still trying to get free publicity . . . one receives circulars from Falstaff press . . . 2.30 class instructor draws eutectic diagram . . . man in front asks "What's the name of this picture" . . . voice from the rear "Mutiny on the Bounty" . . . Let's go—this is where we came in.

Reviews and Previews

AT THE THEATRE

PLYMOUTH—Three Men On a Horse, a comedy.

BOSTON OPERA HOUSE—George White's Scandals with Bert Lahr and Sheila Barrett.

COLONIAL—Eva La Gallienne; tonight and Friday night: The Women Have Their Way and A Sunny Morning; Wed. mat. and Sat eve.; Rosmersholm.

SHUBERT—Continental Varieties with Lucienne Boyer.

COPLEY—Katydid. So What, with Mary Young and Elaine Barrie.

PEABODY PLAYHOUSE—Dr. Knock with Norman Lloyd.

COMMENTS

George Andre Martin makes his debut tonight at the Shubert. Co-starring with Lucienne Boyer in Continental Varieties, Mr. Martin, a round-faced, bald-headed, middle-aged gentleman, credited with conceiving and executing the most novel dance steps, will entertain with dance steps not only Russian and Spanish but also present day ballroom style. Notice Electrical Engineers! He was born in France, adopted by an American and trained to be an Electrical Engineer. Can you dance?

Music still may be heard at the Opera House for those interested in a rather erratic production. Starting off in a very nonchalant but boring fashion, Bert Lahr's comedy almost puts one to sleep. But miracles of miracles! Soon we are introduced to such interesting song hits as "Life Begins at Sweet Sixteen," "Anything Can Happen," and "I'm The Fellow Who Loves You" (Are you listnin' B.R.). The production ends with a bang! The play is a success! But why the slow start? But it might have been reorganized by now, opening night was a week ago.

Sex and implied filth runs rampant at the Copley. My! My! And in Puritan Boston too! Well "Anything Can Happen" even in such a conservative town as this. The play is interesting. The characters are fairly good. Mary Young, a woman in her late fifties tries to act as a restrained Mae West. Yes, she gets her man and doesn't want him. For an amusing Saturday afternoon Katydid. So What, might be worth while seeing.

Comedy again. It seems that drama is no more, at least the real interesting drama . . . the plays of the great authors. Well let's wait and see what next week brings.

At the Peabody Playhouse Dr. Knock is featured. It is a comedy, a satire on medical quackery, the story of a man who buys the practice of a small time physician. By the end of the play, his practice is so great that the village hotel is used as a relief hospital!

For those who have palled at the scarcity of good drama presented in Boston these months, there is always Miss Eva Le Gallienne at the Colonial. Miss Le Gallienne's vehicle is "Rosmersholm", a little known tragedy of Ibsen. And although the time-worn early psychological play may occasionally have a tendency to pall, the brilliancy of finished performances by Miss Le Gallienne and her company will suffice to do something more than entertain.

Frederick R. Sullivan
Will Speak Thursday

Harvard Graduate Will Address
Tech Catholic Club

Mr. Frederick R. Sullivan a member of the Boston School Board, will speak at the first supper meeting of the Catholic Club in the Faculty Dining Hall, Walker Memorial, Thursday, November 21, at 6:15 o'clock. The topic for his address will be "Catholic Action in Public Life." Mr. Sullivan who was a member of the St. Paul's Catholic Club at Harvard University until his graduation, will be followed by Mr. Joseph Anastasi, '30, who plans to discuss "Charity Work in the Federation of College Catholic Clubs."

The committee in charge of this and subsequent meetings comprises the following members: Walter G. Silvestrovich, '36, Pres.; William A. Cresswell, '36, V. Pres.; Peter White, '36, Treasurer; Ehrler Wagner, '37, Corresponding Secretary.

Third Handicap Meet Met Enthusiastically

Freshmen Participate In Meet Races In Spring Events

Coach Oscar Hedlund held the third of a series of handicap meets on Saturday, the results of which proved very promising. The freshmen were in this meet because the policy of Mr. Hedlund is to provide stiff competition for the Tech yearlings to prepare them for their schedule. Although the runners were slowed considerably by the slow track and cold weather some very good times were made. Robbins won the 80 yard dash in 8.2 seconds, while Weathersbee turned in a very fast 300 yards. The results of the meet are:

80 yard dash — 1. Robbins, 2. Weathersbee, 3. P. W. Sokoloff, 4. E. V. Corea, 5. Kites.
300 yard Dash — 1. Krey, 2. Weathersbee, 3. Robbins, 4. F. D. Houghton, 5. E. V. Corea.
880—1. R. Campbell, 2. Coile, 3. Cook, 4. E. Peter, 5. Farguhar.
1 1/4 mile—1. Chalmers, 2. Cooper, 3. Guerke, 4. Fitch, 5. Oakes.
220 low hurdles—1. Faatz, 2. Walker, 3. Kites.
High jump—1. Henshow, 2. Hamilton-Kites, 3. Breyer.
Javeli—1. Ross, 2. Sawyer, 3. Kites, 4. Renshaw, 5. Haughton.

Faculty Chooses Names On Pylon

World Leaders In Sciences Which Are Represented Here Were Chosen

"Who picked the names that are on top of the building?" This question is frequently asked by students, and is one about which few people seem to know. The names are there, and didn't get there by accident; someone picked them, but who?

The truth of the matter is this: Realizing that the pylons at the corners would appear drab and uninteresting if no decorations were put upon them, some of the important men at the time that the new Technology was being built held a consultation. It was decided that the best decoration for the buildings would be the names of world-famous leaders in the various branches of science represented at the Institute.

Most Important On Top
The most important man should appear at the top of the column, his name written in larger letters than the others. At another point on the pylon should appear the names of the runners-up in this popularity contest. The right to choose the names was given to the man who was at that time president of the Institute, Richard C. MacLaurin. He in turn called in to assist him Professor Charles R. Cross, who was the head of the Physics and Electrical Departments before they divided, and who continued as head of the Physics Department.

Increasing Numbers Admitted To Institute Without Examination

An increase in the number of freshmen admitted from secondary schools without examination was shown by the report of the Registrar. The percentage has risen from 18% in 1932, when the plan was first introduced to 44% of the entering freshmen in 1933 to 54% in 1934, and this year the percentage is 60%.

Those students who have been in the upper fifth of their class in the last two years of their preparatory school and those who have attained a grade of 80% or more in the New York Regents State examinations have been admitted under this plan.

Professor J. Tryon, Director of Admissions made the following statement in describing the plan when the plan was announced: "The Institute has always maintained that the thorough training in English, History, Languages Mathematics and Sciences given in the better class of high and preparatory schools is the best preparation for its courses. A recent study of the records obtained in the Institute by men trained in such schools shows that the majority of those who

Guerke Is First Tech Harrier In I.C.A.A.A. Race

Guerke Is Eighteenth Runner, Tech Fifteenth Team In Big Field

Cross-Country Season Is Ended

Henry Guerke, outstanding Tech harrier all season, capped his year's performance with a fast race as he finished 18th in the I.C.A.A.A. cross-country meet in New York City yesterday afternoon. Guerke's placing was a big factor in bringing Tech into fifteenth place in a field of 24 teams.

In addition to Guerke's fine effort against a field of 120, Captain Doug Chalmers finished 69th, Fitch 70th, Cooper 94th, and Oakes 102. This gave Tech a team total of 353, the fifteenth lowest total.

The races, an annual intercollegiate meet, were held as usual in Van Cortlandt Park in New York City. This year, however, authorities abandoned the old 6 mile grind in favor of the accepted five mile race.

The most closed the season for the Tech team, which failed to win a race.

ment; and also he called in Professor William T. Sedgewick, the head of the department of biology.

Represents Fields Of Science
The fields of science to be represented by famous men were chemistry, physics, mathematics, electricity, mechanical and steam engineering, biology, civil engineering, and the English Department.

What chemist was most deserving of recognition? Who is considered the father of modern chemistry? The final decision is placed where anyone can read it; the name is Lavoisier. Next in line come the fields of mathematics and physics. These may both be represented by one man, some outstanding mathematical physicist. Who was the fellow, who, when hit on the head with an apple, realized the gravity of the situation? He did remarkable work in both mathematics and physics. His name is Newton.

Electricity Important
Electricity is an important branch of science which certainly should not be neglected. Even though it is fairly new, it has come to be of prime importance. The man who contributed most to the development of this science is the one who should be honored with a conspicuous place on the building. The man chosen was Farady.

Of all the mechanical engineers, ancient and modern, who can be picked as the supreme example? The man who first discovered that steam could be utilized for power deserves a place of honor. A bit of investigation finds that Archimedes was the man. He has another claim on greatness, being the philosopher who did such a good job in establishing the foundations of hydraulics.

Harvard Defeats Engineer Kickers In Close Contest

Crimson Scores Twice In Last Half To Beat Beavers By 2-0 Score

Team Leaves For Army Today

The M.I.T. soccer team dropped its third game of the season when it was beaten 2-0 last Saturday by a smooth-passing Harvard eleven. The teams played scoreless ball throughout the first half, but Harvard pushed across a goal in each of the last two periods.

Although the contest, played on the Harvard Business College field, was carried on in a continuous rain and hail, the game was quite interesting. Tech again flashes its fine defense to break up most of the Crimson advances, but the Beaver offense again was unable to get moving. Center Wu had several attempts at the goal but none were converted. Captain Hamilton, Essley, Gillis, Perry, and Goalie Gray were outstanding defensively.

Hastings of Harvard, broke the ice after the half with a beautifully placed shot into the top corner. And it was Hastings again in the final quarter who scored Harvard's final goal after a Tech mis-kick of a slippery ball.

Those who played for Tech last week include Gray, J. Hamilton, Brittenham, Lindesay, Wemple, Gillis, Essley, Wojtezak, Ceballos, Wu, Arino, Dreselly, and Kron.

With The American College Editor

Editor's Note: The following letter was written to the student publication of a New Mexico College by one of the co-eds who had become disgusted with the male students. It is worth passing on.

"The average college man is a smirking young fathead. He is stingy; wants everything for nothing, and thinks that a girl is a poor sport who doesn't give in.

"The average girl matures earlier than the man of the same age. By the time that a girl reaches the end of her college career she has a little sense. Perhaps she is a cat, but let the average college man get a chance to wink at a girl's reputation in a fraternity bull-session; poof, there it goes. Far be it from him to stick strictly to the truth—oh no! Imagination supplies much more interest, and we might say, detail.

"They love—oh yes, they love every girl on the campus, but as the song goes, 'You want loving and I want love.' They expect any girl to be overjoyed to go riding with them. Such an honor, you know. But, say, when there is a dance do they take a girl? No, they stag it.

"As for lines—yes, the latest wisecracks taken from 'College Humor', or heard over the radio, and the girl who occasionally gets weary of playing up to them is 'all wet', she doesn't know the game. Perhaps she responded to the same line the night before, and the night before that. They expect a girl to be always sparkling and gay, never realizing that perhaps a part of the evening's entertainment falls on their shoulders. If they take a girl to the picture show, they afterwards drive to the mesa where they demand

Boston's Foremost Reliable Dancing School
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Uptown School Modern Dancing
330 Mass. Ave. at Huntington
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TEL. CIRCLE 9068
Newest ball room steps. Beginners guaranteed to learn here. Hours 10 A.M. to 12 P.M.
Class and social dancing with orchestra

Peabody Playhouse
Charles and Poplar Streets
Week of November 18th
THE ASSOCIATED ACTORS THEATRE
Presents

DR. KNOCK

Coupons entitling students to a 20% discount may be obtained at The Tech office.
Prices: Evenings at 8.30: .55 - 1.65
Thurs. and Sat. matinees: .55 - 1.10

SPORTS COMMENT

We believe that the story of the attempted hockey comeback of Paul Daley is one of the best human interest stories we have ever heard. Daley, star center of the 1933-34 hockey team, was elected by his team mates to pilot them through last year's season in the position of captain; but when school opened last year, Paul was not a student. A serious automobile accident had injured his leg so badly that he was unable to attend the Institute. Needless to say, hockey was out of the question and Daley had to sit back and watch his year of captaincy float away.

The hockey team therefore elected Dave Mathias as their new captain; but when the season was over, Daley was not forgotten. He was appointed manager for this season. But Paul was not satisfied to let his closest contact with the game be from the bench. When the skaters took their first workout this year Daley was on the ice in a pair of skates ready to put his mended leg to a full test. After a year of patient waiting, he was once more playing hockey. And at this writing it appears as if his comeback will be a success—that he will contest for the center position on even terms with last year's centers—Red Cohen and Jean Leman. Sports Comment sincerely wishes Paul the best of luck in his effort to return to the ice for Tech.

* * * * *

We were delighted to get such a kick-back from our error in the Soccer team's record last year. Some one was reading our writings. Incidentally, if any other reader disagrees with any of our opinions or wishes to bring any athletic situation of interest before the readers of The Tech, he may do so by addressing a letter to Sports Comment and placing it in the door mail-box of the Walker basement news room.

Co-eds At University Of Tennessee Revert To Smoking Corn Cob Pipes

the compensation of at least a necking party—'An eye for an eye, and a tooth for a tooth.' As a general rule, however, they never take a girl to the show, unless it is free, preferring to wear out the upholstery of sorority houses, or perhaps spend the evening parked.

"They never doubt their sex appeal. Every girl must naturally, as a matter of course, fall for them. It is impossible, in their eyes, for them to be repulsive to any girl. They know their stuff, and practice all their brothers' techniques.

"The college man likes the college girl for her superficiality. Any college girl knows that to go over she must disguise the fact that she has brains, and can think for herself. She must pull this, 'aren't you wonderful' stuff and pamper his male egotism. She may play him along for the sake of going places, but she is contemptuous of him. There is not one girl in ten, who dates, because she wants to, but because she has to keep up a standard. She never knows whether she is more bored by going out, or by staying at home. If her sisters were at home to keep her company, she would prefer staying at home. There she could at least carry on an intelligent conversation.

"Why, oh why, aren't there some interesting, intelligent, real men on this campus; instead of silly young fops!"

A Disgusted Co-ed.

From the University of Tennessee comes the astonishing news that the dainty co-eds have forsaken the smoking of cigarettes and have begun to smoke pipes, not ordinary Dunhills, but corn cob pipes. No longer will it be possible to see an advertisement of a tobacco company in which we view the loving female glancing with admiration toward her visitor for the evening, and saying with maidenly sighs, "I love to see a man smoking a pipe."

A reason that is offered for this remarkable state of affairs by the druggists about the campus is that the price of cigarettes has gone up to twenty cents a pack. It is doubtful to see how this would affect the co-ed, for from a varied experience the information has been gleaned that co-ed smokes any "given amount" and abstains when this amount is not forthcoming.

While she is on her way dragging on her pipe, she may be met by another of the fair type, and the friend would perhaps gently chortle with expectancy, "O-oh, could I have a puff, I haven't smelled a good pipe since I started to break my new corn-cob in a week ago!"

Various co-eds about the Institute, when asked their opinion about the question of women smoking pipes, assumed an all knowing air and refused to offer any of their thoughts on the idea.

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Second Floor—Store for Men

College men are buying our
VARSITONIAN 2-trouser Suits at **\$29.50**

Youth Forum Section Formed By Ford Hall

Position Of Present Day Youth Keynote Of Discussion

A "Youth Forum" section of the Ford Hall Forum, Boston organization for the free expression of controversial issues whose motto is: "Let there be light," is to have its initial session next Monday, November 25, the management of the Forum announced today.

At the same time it was made known that Rennie Smith, of England, a member of the British House of Commons, will address the group on the subject "Youth Faces War." Widely travelled in Europe and Africa as a student of political, educational and religious conditions, Mr. Smith has made a special study of the European situation, and in particular of German-speaking and Central Europe.

Meetings of the Youth Forum are scheduled to be held once a month at the Kingsley Hall, Ford Building. The meetings will start at 8:15, while the doors are to open at 7:30.

Announcement of the inaugural meeting is accompanied by the following expression of the keynote of the new organization: "We believe the youth of America is suffering today even more than men and women and the aged. These young people are discovering with amazement that there seems to be no place for them in our present disorganized economic society."

The Ford Hall Forum founded in 1908, has been conducting discussion meetings each week for almost thirty years. Nationally prominent people are brought to speak each Sunday evening, and to answer to the questions of the audience in the open forum session which follows the presentation of speeches.

John Polando Relates Adventures To A. E. S.

Famous Flyer Speaks At First Dinner Held This Year

John Polando, world-famous New York-Constantinople flyer, spoke on his adventures as an aviator before fifty members of the Aeronautical Engineering Society, at a dinner held by the Society last Tuesday in North Hall, Walker, at 6:30 o'clock.

Mr. Polando described the difficulties of a take-off with a heavy load of gasoline aboard; the necessity for a tremendously long runway, the sensation of flying down a main street at the level with the third floor of the houses, and the sudden dumping of four hundred gallons of gas in the street when the plane reached a sharp corner.

This dinner is the first of a number of dinners and smokers to be conducted by the A.E.S. during the year. The first such feature is usually conducted earlier, however, because of the intensive flying that has been carried on recently, the dinner has had to be postponed until last Tuesday.

A. C. S. Makes Awards To Sophomore, Senior

Two awards for outstanding work in chemistry were made at the evening meeting of Alpha Chi Sigma held in the Faculty Dining Room in Walker on November 5, the Junior Award of a membership in the American Chemical Society and a year's subscription to "Industrial and Chemical Engineering," awarded on a basis of three years work, was presented to James L. Vaughan, '36, Course X; the freshman award, consisting of a year's subscription to the "Journal of Chemical Engineering," and based on the first year's work in chemistry, was awarded to Dale F. Morgan, '38, Course X.

Professor Clark S. Robinson, of the Chemical Engineering Department, spoke after the dinner on "On Getting Fired," and presented the awards.

The next meeting of the fraternity will be held on the 20th of November, in the Faculty Dining Room at Walker. Professor Ernst A. Hauser, of the Chemical Engineering Department will speak on the subject of "one of his five world trips."

78 Floodlights Used In Institute System

Total Nightly Illumination Cost Is Extremely Low

A total of 78 floodlights ranging from 250 watts up to 1000 watts are used nightly in lighting up the buildings and grounds of the Institute. Distributed along the grounds nearest the Charles River on the inside of the huge horseshoe formed by the main group of buildings, and so focussed that their beams illuminate the buildings are 56 100-watt floodlights. The lighting of the dome, so that it can be seen at night from a great distance, is accomplished by eight 1000-watt and two 500-watt lamps on the roofs of the adjoining buildings. The length of time that the buildings are illuminated nightly depends on the season of the year. Three hours each night is about the average. The nightly lighting of the buildings and dome was started in June, 1929, about the time Dr. Compton was inaugurated as President of the Institute.

Twelve floodlights are employed in lighting the grounds of the Institute. One 1000-watt lamp is located on the roof of Walker Memorial; another, of 500 watts, is placed on the roof of Wood dormitory; a 250-watt lamp on the roof of building 20 illuminates the track, while another 250-watt lamp on the roof of building 8 lights the grounds between buildings 38 and 46. Eight 1000-watt floodlights on the roofs of the main buildings complete the nightly illumination. The grounds lighting, which was instituted about ten years ago, is carried on throughout the night.

Because of the fact that the Institute generates its own electrical power, at a cost of about \$.009 per kilowatt hour, this elaborate illumination is carried out at an average cost of only \$.25. Of this sum \$.25 goes for lighting the grounds and \$1 for lighting the buildings.

Tech Union

(Continued from Page 1)

Professor F. Alexander Magaoun, of the Human Engineering Department, will maintain that the cultivation of personality and participation in activities are absolutely the fundamental requisites to the education. "I will advise the audience not to let their studies interfere with their activities," the Humanities professor told The Tech yesterday.

Undergraduate Notice

Tickets for the Harvard-Yale game to be played at the Stadium this Saturday are now available at the T.C.A. office. The tickets are priced at \$3.85, tax included, and are all for seats in rows GG and HH in section 44. As this is Harvard's last home game of the season, tickets for the remaining games will not be available from the T.C.A. Ticket

Girl Band Features First Avukah Dance

Horah, National Palestine Entertainment

Featuring not only the M.I.T. Date Bureau but also the Diane Sisters, first girls band ever to have been featured at the Institute, the Intercollegiate Avukah Society held its first affair of the season in the Main Hall of Walker Memorial, last night. Included in the program was the Horah, a ring dance, the national Palestinean festive form of entertainment.

In charge of the affair was Justin Shapiro, '36, of M.I.T., and representatives of various colleges in and around Boston. Babe Radcliffe, popular singer, supplied the vocal arrangements.

The date bureau, assisted by Charlotte Sugar, Teachers College, '39, succeeded in adding quite a number of names to their already large list of datables. Chosen as date No. 2 was Miss Beatrice Fishman of Cambridge, a Freshman at Radcliffe.

Dean Samuel Prescott Appointed To Board

Professor Samuel C. Prescott, Dean of Science, was appointed by the Governor to the Commission for Review of the State Health Laws and Practices of Massachusetts. Professors Murray P. Horwood and Bernard E. Proctor were also appointed to the Commission.

The purpose of the Commission is to consider the health situation of the State with reference to future legislation.

Professor Prescott is chairman of the special committee on General Sanitation. Professor Horwood is chairman of the sub-committee on Housing, and a member of the sub-committees on Stream and Lake Pollution, and on Sanitation of Swimming Pools and Bathing Beaches.

In addition to this appointment, Professor Prescott was elected second vice-president of the American Public Health Association at its recent meeting in Milwaukee.

At this time, Professor Prescott, who is also chairman of the section on Food and Nutrition, addressed the sub-committee on "Some Observations on Food Poisoning Bacteria."

The American Public Health Association is a professional society of extensive membership, and it embraces not only the United States, but also Canada, Mexico, and Cuba in its organization.

Infirmary List

Arnold, Mary, Employee; Baillie, Robert, Employee; Evans, R., Faculty; Gage, Robert, '39; Leavitt, Miss, Employee; Schneider, Rolf E., '36; Vose, Robert W., Faculty.

THE TECH Inquires

This column endeavors to solicit student opinion on questions of timely interest. Persons are chosen at random and interviewed by a reporter. Questions for this column may be submitted by readers. Open Forum comment on any question or the answers thereto will be welcomed.

QUESTION TODAY: "A prominent woman stated recently, 'There are more women fit to be president of the United States than there are men.' What do you think?"

C. William Guy, '39, 290 Massachusetts Ave.

"No, few women are physically capable of enduring the strain, let alone being fit temperamentally and intellectually. If you have ever compared the picture of a president when he entered office with one of him when he left, you saw that in the four years he has aged some twenty years. Many women are extremely capable, but I don't think many women are strong enough to endure the physical and nervous taxes of the office."

George G. Palmer, '39, VI, 1865 Hyde Park Ave, Readville.

"There are exceptions to every rule, but generally speaking, I do not think that women are as well fitted to hold this important office as men are. Some exceptional women hold minor offices, but they do not possess the intelligence required for such an office."

Miss G. T. Meyer, '39, XVI, 47 Tobcy Rd., Belmont.

"There is little question as to the truth of her statement. Followers can never rise above their leaders, and so long as our social system forces men to politics for leadership, we will have politics in all government. Women, having less inherent experience in the game, would make far less corrupt leaders."

W. H. Gray, '39, XVI, 71 Wallace Ave., West Somerville.

"Considering the fact that balancing the budget and supervising the home are main factors in the life of the woman of the house, and since these things trouble the chief executive most, the women are more fit for the job than the men are."

W. M. Wochos, Jr., '38, II, 326 Bay State Rd.

"I wonder upon what grounds this prominent woman bases her startling announcement. There never having been a woman president, she probably compared the business and political ability of members of her sex to that of our past presidents; neglecting, of course, that universal weakness of all women, their emotional instability."

Joseph J. Donovan, '39, V, Dormitories.

"This is not true because these women, although they may have the knowledge requisite for the office of President of the United States, do not have the lasting power of men. The presidency is a very strenuous post."

Robert W. Hannahan, '36, XV, Dormitories.

"Undoubtedly there are many women who have the requisites for being President of the United States. Congresswoman Edith Nourse Rogers from Massachusetts is an excellent example. The important question, however, is not the person in the White House, but rather the policies of the party which he or she represents and the ability of that party to carry out such policies."

W. G. Osmun, '39, III, Dormitories.

"This question rightly calls for an evaluation of the natural differences between feminine temperament—a most difficult feat. As a rule, though, I don't believe a woman can handle complex impersonal executive positions as well as men. Women's success in business is dependent upon their ability to adjust themselves to the personalities of their employees or employer."

Riley Anthony, '39, VII, 355 Massachusetts Ave.

"Since I am of the opposite sex, my tendency is to say, 'No.' However, when one looks from the neutral side of the question, I believe he or she would be justified in saying, 'There are perhaps just as many, but not more, women capable of being President of the United States as there are men.'"

C. E. Taylor, '39, V, 20 Mt. Vernon St.

"The presidency requires a range of knowledge and experience that few women have. In addition, a woman would make too many emotional decisions which would be out of place in a government."

Herbert Jaffe, '39, V, 100 Kilsyth Rd., Brighton.

"Strange is it not that after a century and a half of existence the United States has never had the privilege of having one of her women citizens as her chief executive? Women, if you are better fitted (as you think you are), next year is your chance."

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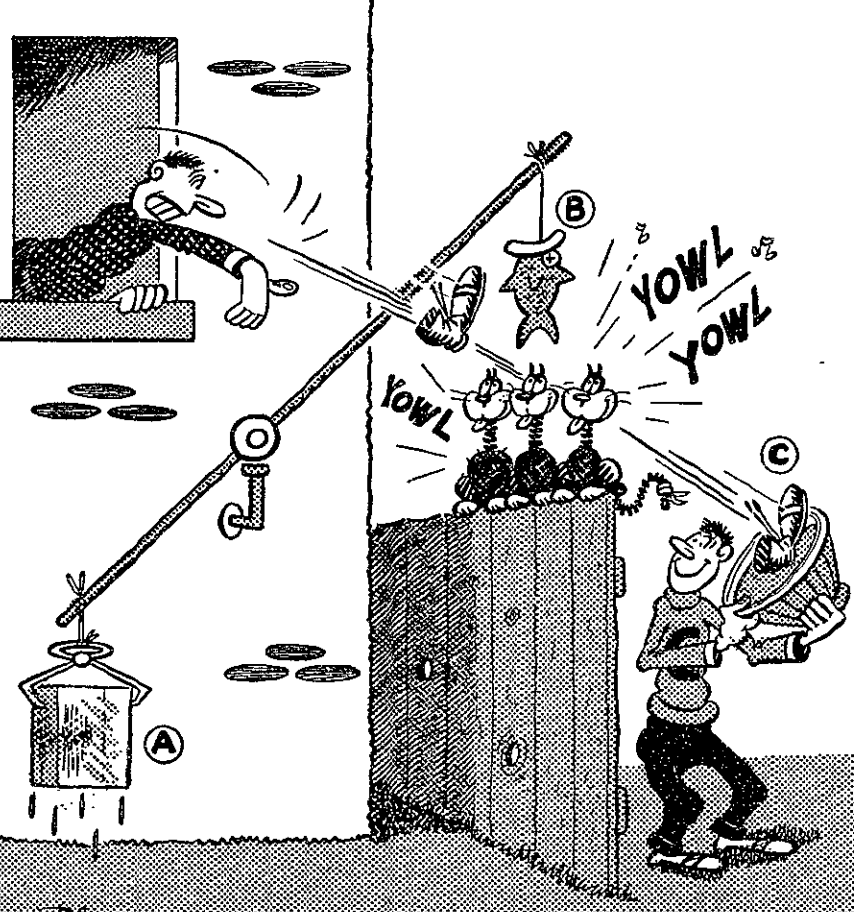


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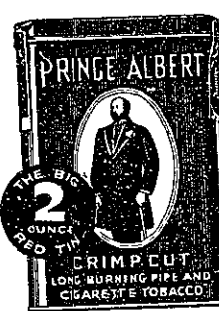


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PACKED RIGHT—PACKS RIGHT



PRINCE ALBERT IS
PACKED RIGHT—IN
TIN, TO KEEP P.A.'S
RICH, MELLOW
FLAVOR INTACT. AND
P.A. IS "CRIMP CUT"—
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THERE ARE AROUND
50 PIPEFULS IN THE
2-OUNCE ECONOMY
TIN. TRY P.A. TODAY

PRINCE ALBERT
THE NATIONAL JOY SMOKE!

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Prof. J. Zimmerman Will Speak In Ohio

Professor J. H. Zimmerman, of the Department of Mechanical Engineering, will be one of the speakers at the 36th Annual Convention of the International Acetylene Association which is holding its meeting at Cleveland, Ohio, this week. Professor Zimmerman's paper, entitled "Further Studies of Oxy-Acetylene Cut Steel Plate" is given before the session on Metallurgy of Welding and Cutting.

Dinghy Is Presented To New Sailing Club

Mr. Francis W. Fabyan, '93, who as a member of the corporation has long taken a keen interest in student activities, has announced that he will make a gift of a dinghy to encourage the development of small boat sailing as an undergraduate activity at Technology. This is the third boat to be donated, for President Compton and Mr. Alfred L. Loomis, also a member of the corporation, have already announced that they plan to donate dinghys to the proposed sailing club.

Mr. Fabyan's interest in yachting is indicated by his own record as a racing skipper in various classes. He holds two magnificent cups offered by Sir Thomas Lipton some years ago for competition among American yachtsmen. Mr. Fabyan has loaned these cups to the Institute, and they are now on exhibition in the Department of Naval Architecture and Marine Engineering.

Announcement of the gift of a dinghy was made by Mr. Fabyan in a letter to John C. Austin, president of the Senior Class, in which he said:

"I have been very much interested in hearing from Dr. Compton and Prof. Schell of the enthusiasm of the Student Body in sailing. Having lived on the North Shore for many summers, I sailed in most of the races of the different yacht clubs in one design and different class boats.

"It is a great sport and surprising to me how few fellows can sail a boat well, going to windward. I do not remember a good sailor man who was not a fine fellow.

"It gives me great pleasure to donate one of the boats to Tech for the encouragement of the sport."

Cosmic Rays

(Continued from Page 1)

The meters will also be used to study the nature and origin of the terrific bursts of energy released in the form of thousands of cosmic ray particles traveling downward together at enormous velocities, the total energy in each burst surpassing that of any other known atomic catclysm by thousands of times.

In designing these instruments the problem was to produce a mechanical observer which would make continuous records of the behavior of cosmic rays day and night for long periods without attention. Each of the new meters employs a small motor to drive a moving strip of photographic film in a camera which records the measurements over a period of months.

Measurements of cosmic ray intensity are made possible in this instrument by their effect on very pure argon gas, which is confined in a 14-inch steel bomb at a pressure of 750 pounds per square inch. To avoid interference from other forms of radiation such as those from radioactive substances in the earth and air, the argon gas bomb is buried in the center of a large steel sphere containing 2500 pounds of lead shot, which acts as a shield against undesirable radiation, but which is easily penetrated by the powerful cosmic rays.

The cosmic ray meter at Technology is already in operation in a laboratory in the Department of Electrical Engineering under the supervision of Professor Bennett. After tests under various conditions during the winter, the instrument will be taken next summer to the storm-swept peak of Mt. Evans, Colorado, where at an elevation of 14,265 feet above sea level, it will begin operation as one of

the instruments in the world-wide chain of stations.

It was to the top of Mt. Evans that Professor Bennett, Gordon S. Brown, and Henry A. Rahmel of Technology's Department of Electrical Engineering took the first model of the meter for tests last year. For several weeks in the face of snowy gales, violent electrical storms, and freezing temperatures they carried on investigations that aided in the final design of the meters that have just been completed.

One meter is now in operation at the Carnegie Institution's field station at Cheltenham in Maryland. Another is on its way to Peru, where it will be installed at the Institution's magnetic observatory at Huancayo. Another is expected to go to the interior of the Mexican highlands and one will be taken to the Danish observatory in the northern Greenland ice fields. Still another will be stationed in New Zealand, and the seventh at the University of Chicago.

Two Hundred Guests Attend Graduate Tea

Season's First Tea Successful Despite Bad Weather

More than two hundred guests were present last Sunday in the library of Crafts for the afternoon tea given by the Graduate House. In spite of the inclement weather, most of the invited guests arrived; the group comprising the heads of departments, their wives, members of the Graduate House, and several young ladies as their guests.

These meetings are intended to sponsor good fellowship and better acquaintance among the students and professors as well as among the students themselves; and for this purpose, all of the members of the Graduate House are invited to be present (with guests if possible) to meet the representatives of the Faculty who are present.

Butler Gives Address Tomorrow At Rogers

The series of lectures sponsored by the Architectural School for this year is in full swing. Mr. Charles Butler, an architect of New York City, who is the President of the National Council of Registration Boards and for many years Chairman of the Board of Registration of New York State will speak on "Registration of Architects," tomorrow at 10 o'clock in the Rogers Building. Mr. Howard W. Green, who graduated from Technology in 1916, will speak at 10 o'clock on Wednesday, November 27th, in the Rogers Building. Mr. Green is the Secretary of the Cleveland Health

Judging by the number attending this tea, the popularity of these affairs is even greater than ever before; and those in charge are looking forward to a more than successful season.

Council and is one of the foremost experts in compiling statistics for health surveys and planning projects in this country.

Last Wednesday on November 13th Mr. William G. Perry, who graduated with the Class of '07, and who is at present in the firm of Perry, Shaw and Hepburn, spoke to the architectural students on the work that the firm have been doing during the past seven years in the re-building and restoring of Williamsburg, Virginia. One of the partners of the firm of Perry, Shaw and Hepburn was Mr. Andrew H. Hepburn who graduated from Technology in 1904.

In the last Conjective Problem in which the architectural students of Harvard, Technology, and the Boston Architectural participated, two four year students, L. G. Cyr of Lawrence and W. C. of Charlestown, S. C., received "First Mention Place"; and other Technology students received two "First Mention" awards, out of a possible three in each case.

Rinaldo had geranium trouble



ALTHOUGH Rinaldo's job is plumbing—his hobby is geraniums. He grows some pretty swell ones in his spare time.

Not long ago the geraniums were attacked by bugs, and Rinaldo was downhearted until he found the right insecticide. He was pleased because it worked so quickly—but he didn't know that Du Pont chemists had labored long and patiently to produce that formula.

It's a far cry from Rinaldo's little garden to a thousand-acre wheat farm in South Dakota, an orange grove in Florida, or a truck farm on

Long Island—but chemistry is providing similar protection for growing things in every corner of the country.

Even before insecticides are needed—soil must be rich enough to feed the plants. Here, too, the chemist does his part. Out of air and water he creates valuable nitrates to replace the natural nitrogen that nature cannot make fast enough for modern agriculture.

In these and other ways, Du Pont chemical research and discovery make life happier and more secure for nearly every person in the land.

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CALENDAR

Tuesday, November 19
 6:30. Alpha Chi Sigma Dinner, Faculty Dining Room, Walker Memorial.
Wednesday, November 20
 2:00. Soccer vs. Army at West Point.
 5:45. Graduate House Dinner, North Hall, Walker Memorial.
 7:30. Tech Show Rehearsal, West Lounge, Walker Memorial.
Thursday, November 21
 5:15. Christian Science Meeting, Room 10-200.
 6:00. Plant Engineers' Club Dinner, Walker Memorial.
 6:15. Catholic Club Supper Meeting, Faculty Dining Room, Walker Memorial.
 8:15. Dramashop Presentation of "By Candlelight", Commons Room, Rogers Building.

Dramashop

(Continued from Page 1)

long to the actors, but livery will be rented for the parts of the chauffeur and the valet.

The mural was painted by H. A. Tonsager, '36, student of architecture, has a floral subject, and is about three feet wide by eight feet high. Sketches of the proposed paintings were presented to the judges and the choice was made Saturday, November 16. The judges were Prof. H. L. Beckwith, Prof. J. L. Reid, and John P. Allen, '36. Honorable mention was accorded Frank B. Sellev, G., for his sketch.

Anne A. Person, a second year architectural student plays the part of the parlor maid, "Marie" who is described as a "pretty, petite girl—sufficiently refined to pass for a lady—with a fine sense of humor". The part of "Josef" is taken by James J. Souder, a fifth year student, who fills the description of a "Distinguished, polite, charming dark, tall valet".

Charles L. Austin, Jr., '36, plays the part of "Prince Rudolf Haseldorf-Schlobitten", tall, good-looking, man-about-town. Vernon G. Lippitt, '38, is the heavily built aristocratic "Baron Von Rischenheim", while Mary M. Goldwater, a special student, plays a dashing, imperious, beautiful aristocratic "Baroness", Ruth G. Raftery '38 portrays the role of "Liserl" a fiery, smartly dressed girl friend of

Johnson O'Connor To Lecture In G31 Class

Formerly Assistant Professor At Technology

Mr. Johnson O'Connor, the man who says he can tell you whether or not you will be a successful engineer, will lecture to the classes in G31, (Humanics) next Monday and Tuesday at 1 o'clock in Room 3-370, according to an announcement by Professor F. Alexander Magoun today.

Mr. O'Connor, formerly assistant professor in the department of Business and Engineering Administration, specializes in the "identification of aptitudes". By means of a series of tests which he gives, he attempts to predict the success or failure of an individual in a certain occupation.

Mr. O'Connor has been employed by the General Electric Company in their vocational guidance department.

He is at present connected with the Human Engineering Laboratory of the Stevens Institute of Technology, Hoboken, N. J.

Professor Magoun invites all persons interested in the lecture to attend the class.

the Prince. Arthur S. Douglass, Jr., a second year architectural student, and Arthur E. Wells, Jr., '36 play respectively the typical chauffeur and the typical waiter.

Open House

(Continued from Page 1)

recommended by the Combined Professional Societies fixed Open House for Saturday, May 2, 1936.

Decision of the Executive Committee was influenced by the results of the student-faculty poll conducted on November 6 and 12, the committee reported in announcing the result last night. Students voted nearly 98 per cent in favor of Open House, while the Faculty vote was only 69 per cent in the affirmative.

Balloting Results

A total of 581 ballots were cast in the student balloting, and only 12 expressed the opinion that Open House should not be held this year. Constructive suggestions were submitted by 158 of the students voting. Of those who indicated disapproval of the suggestion, two were graduates, five seniors, one junior, two sophomores, and two freshmen.

The faculty vote was by secret ballot, and showed 57 of 159 returned to be opposed to holding Open House in 1936. Remarks on a majority of these negative votes, the committee reported, indicated a general approval of Open House as an institution, but a preference for holding it on alternate years.

Committees

Standing Committees for the administration of Open House are headed by the following students: Charles F. B. Price, Jr., '36, chairman of the executive Committee; James L. Abdou, '36, chairman of the Office Committee; Julius B. Schlieman, '36, chairman of the Program Committee; and Sebastian G. Mazzotta, '36, chairman of the Publicity Committee.

The various departments will be administered by the Executive Committees of the Professional Societies or other groups appointed by the Combined Professional Societies.

Undergraduate Notice

The Technology Christian Association desires to express its thanks to all students who contributed in its recent drive for financial support.

Russia

(Continued from Page 1)

school at night, while employed as a lathehand in a steel plant.

"When I was first introduced to the group he was there to ply me with questions, both important and silly, about the U. S. A. He was interested in subways and chewing gum, washing machines, and Doug Fairbanks, television and the price of a necktie. His mind was always alert. He was a hungry child grasping for knowledge. His mind was approaching its inherent potentialities.

"In private conversation, I discovered that he had been married for eleven years and that his wife was back at the home town attending an agricultural school. I once remarked about his age and he was immediately very amused. 'Don't people in America ever start college at 35?'

"When my reply indicated this to be quite unusual, he evinced surprise and told me that in his year there were twenty-seven students over thirty and six over forty.

Describes "Good Times"

Questioned further about life among the Russian students Epstein described some of the 'good times' he attended.

"On one of the Soviet holidays, the boys invited me to their gloomy quarters where a party was in full swing. A Korean of twenty, a Ukrainian of thirty-five and a miner of forty-eight were discussing ultra-shortwave beam transmission. A half an hour later the Ukrainian was pulling chairs from under people about to sit down and the miner was all over the place stamping out a folk dance with youthful vitality. On one side of the room a girl senior in electrical engineering was having a tilt of vocabulary with a freshman twice her age from Leninrad. Two other girl students, ranking at the top of their classes, were very busy in the next room, dancing with the Moscow youngsters to an outworn American record of 'Hallelujah.'

"Imagine my surprise when I was told that the day before half this

Faculty Club

(Continued from Page 1)

cent developments in science and engineering under the Soviet administration.

Arrangements have been made for Faculty Club members to use the Institute pistol practice range on Mondays or Fridays from 12:00 to 1:00. Instruction will be available during these hours, and the only charge will be for ammunition. All those interested in this practice are asked to communicate with Major James F. Hyde, Room 1-331. Practice will start on Friday, November 22, if a sufficient number respond.

Commuters Dance

(Continued from Page 1)

kings. Hidden about the halls and gymnasium of Walker will be small cards with a turkey sticker upon them. These will be found by privacy-seeking couples, and the four or five couples collecting the largest number will be eligible to be picked to receive a turkey which even now is being fed and fattened for the gala occasion. They will form a circle around the bird, and the couple the turkey walks to will be the victors.

The dance will be free to all members of the 5.15 Club, and will cost \$1.00 a couple for others. Tickets will be on sale a few days before the dance and at the door. Dancing will be to the music of Ken Reeves.

group had been involved in smearing glue on a professor's desk to teach him a lesson. It was his custom to doze off during recitations and this time when the bell had rung, he awoke to find his shiny beard solidly attached to the desk."



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