

WITTSTEIN'S NOTED AS COLLEGIATE ORCHESTRA

Is Chosen as Best by Eastern
Colleges—Signup Sale
Begins Monday

Where it was in direct competition with the leading orchestras of the East, Ed Wittstein's orchestra completely and easily captured the admiration and appreciation of those attending the Yale Prom, according to independent reports received by the committee during the last few weeks. The Junior Prom committee believe they have made no mistake in choosing the Hartford orchestra instead of the several Boston and New York orchestras which were under consideration.

He has become an annual institution at Yale and with 30 pieces he battled against Paul Whiteman and Zee Confrey of New York, a short time ago. He has the reputation of being a strictly collegiate orchestra and to substantiate this he has been engaged for the Wellesley Senior Prom and for Vassar Prom as well as most of the dances to be held later on during the year at Yale.

Juniors Send in Postals

In order that the Juniors should have the first chance to sign up for the Prom, postals were sent out the latter part of last week and the committee wishes to have these answered as soon as possible before the actual sale of sign-ups next week. The sign-ups are to go on sale next week, Monday and Tuesday, to be reserved for the Juniors and Seniors and Wednesday and Thursday for the whole student body.

The price of the signup is \$5 and the redemption cost is \$6. On Monday and Tuesday of next week only one signup can be purchased per man but on the two remaining days five per man can be bought. The two booths in the main lobby will be open on Monday, March 5, from 9 o'clock to 2 o'clock, and on the other days from 11 o'clock to 2 o'clock.

LAST DORM DANCE OF TERM FRIDAY EVENING

The last Dorm Dance of the term, informal, but including special leather favors for all, will be held next Friday evening at 8:15 in the main hall of Walker. The ten-piece Touraine Orchestra, which has largely contributed to the popularity of the Braeborn and Brookline Country Clubs' dances will furnish the music.

The matrons for the dance are Mrs. Robert Bigelow, Mrs. Richard C. MacLaurin, and Mrs. Theodore H. Dillon. O. L. Hooper '23, P. K. Bates '24, J. E. Jagger '24, H. E. Whittaker '24, and C. H. Wardwell '24, will usher. Tickets at \$2 may be secured from any member of the committee, all living in the Dorms.

SENIORS ELECT CLASS DAY COMMITTEE SOON

Nominations Are Due in Room
10-100 by Monday
March 5

The Senior class will elect its Class Day Committee Thursday, March 3. This body will be entrusted with the supervision of Class Day and the events of Senior Week. Twenty-five men will be elected to the committee by the Hare-Spence system of voting. The names of all men nominated for the committee will be placed upon an Australian ballot also, and the three men receiving the highest number of votes on this ballot will be the three class marshals.

In the elections the regulations outlined by the Institute Committee will be followed. There will be no voting by mail or proxy.

Nominations must be turned in at the information office, room 10-100, by 12 o'clock noon, Monday March 5. These nominations must be on the regular form as prescribed in the T. C. A. Handbook and must bear the signatures of the nominee and five sponsors.

INSTITUTE TO RECEIVE NEW SCHOLARSHIP FUND

The Technology Club of New York announce the establishment of a fund for scholarships at the Institute. This fund is to be given through the New York Club of Technology and full information concerning the terms of the scholarships may be obtained from the officers of the club.

FINAL CAMPAIGN BEING MADE FOR MISS PIERCE

With only one more day remaining before the close of the Good Will elections in Boston, a final intensive campaign is being made for Miss Marjorie Pierce '22, Technology's candidate. Today is "tag day" at the Institute for Miss Pierce, the tag selling starting this morning in the corridors.

Miss Pierce is at present in fifth place, with over 30,000 votes to her credit. Tomorrow is the last day of the election.

DESCRIBES SUBMARINE DETECTION APPARATUS

W. E. Lamson '15 Speaks at
M. I. T. Radio Society
Meeting Wednesday

Mr. H. E. Lamson '15, of the General Radio Company, spoke at the meeting of the M. I. T. Radio Society held last Wednesday evening in room 5-330. A talk was also given by J. K. Clapp '23, vice president of the society.

Methods of submarine detection were the subject of Mr. Lamson's talk. He described the development of these devices, beginning with the first attempts to make satisfactory submarine locators during the war. The earliest system used employed two microphones, placed in the opposite sides of a ship, beneath the waterline. To locate a submarine with this, it was necessary to turn the whole ship. An improved device, the "sea-tube," which was purely acoustical in principle, obviated the necessity of maneuvering the ship, since it was used over the side of the hull.

This device was difficult to use in rough weather, and was superseded by the so-called two spot compensator, which was used in a fixed position. Then followed the multipoint compensator, and finally the electric compensator, which uses microphones in place of the hollow rubber spheres used as receivers in the acoustic compensators. In its present highly developed form the electric compensator consists of microphones, a "lag line" consisting of inductances and condensers, special tone filters, and receivers. It is possible with this device to obtain accurate soundings from a moving vessel, by sound waves reflected from the sea bottom.

Following Mr. Lamson's talk, a discussion of several vacuum tube circuits was given by J. K. Clapp '23. The theory and operation of a general circuit and its two adaptations were presented together with circuit diagrams.

THE SHOW COSTUMES by MADELINE MAURICE

I have heard a lot about Tech Show and what good girls you men make and so when I was invited to go to the Rogers Building and see them taking the show pictures, I made sure not to miss the opportunity.

When I arrived, I went down to their Commons Room where the men were waiting while others were being posed. It was a bright scene with the lights on the stage where the make-up women were at work fitting wigs and replacing the scrubby beards by "that school-girl complexion."

In the main part of the room the men were lounging about and there were some of the architects in their smocks and a woman at a sewing machine.

Mr. Sovey, who designed the costumes was there fitting and arranging them as best he could for quite some fitting was necessary with some of the men.

The most spectacular costumes were those of the ballet. They are mostly a collar and a skirt for the girls and a breech cloth for the men. The colors and design are very effective.

The men's costumes for the rest of the show I have not bothered with but the ladies' gowns I have written up in the style I use for the dailies and are as follows:

ACT I.

Cast:

Evelyn (Dick Whiting): Auburn hair, pale blue and brown changeable silk trimmed with flowers.
Betty (Fletcher): Blonde, orchid charmuse and silver cloth.
Madge (Joe Keegan): Blue taffeta figured with bunches of violets.
(Continued on Page 3)

MASQUERADE GIVEN BY ROGERS AND HARVARD

300 Couples Present at Dance
Held on Washington's
Birthday

Three hundred couples were present at the masked ball given last Thursday evening in the Hemenway Gymnasium by students of the Architectural department of the Institute and the Harvard Architectural School. The dance started at nine, and during the evening special entertainments were given.

At 10 o'clock there was a pageant to enable the judges to pick the best costumes, and this was followed by a solo dance by Cheney, of Harvard. Later in the evening a cast of 25 students from Rogers put on a show entitled "Tut-an-kh-amen's Farewell Party, or Why the Tomb was in Disorder." At 12 o'clock there was the grand march, and prizes for the best costumes were awarded. Miss Elizabeth Capen of Technology received the first prize for Ladies, a silk scarf. The gentleman's prize, a cigarette case, was awarded to Peek of Harvard.

After these awards, the dancing continued until 2 o'clock, when the ball broke up amid showers of confetti. The patrons and patronesses for the occasion were: Professor and Mrs. William Emerson, and Mr. and Mrs. Everett Morss of Technology, and Dean and Mrs. Edgell, and Professor and Mrs. Haffner, of Harvard. The hall was specially decorated by the students.

THREE BOIT PRIZES FOR THEMES AWARDED FRIDAY

Gaylord, Gilboy and Huthsteiner
Win \$25 Each

In presenting the Boit Prizes which are awarded for excellence in the written work done in the first term of the second year course in English and History, Dr. Stratton stated that training in English is so important that it should receive recognition in classes in every subject at the Institute. He presented the prizes, which are \$25 each, last Friday at about 12:45 after a short introductory talk by Professor H. G. Pearson, head of the English Department.

The winners of the prizes were A. S. Gaylord '25, who wrote on "The Thinker in Politics," Glennon Gilboy '25, whose subject was "The Shortcomings of Democracy," and R. E. Huthsteiner '25, whose article was entitled "The American Slums." J. B. Klainer '25, M. A. MacDuffie '25, J. R. Robertson '25, and Samuel Samuelson '25, received honorable mention.

The prizes were awarded for excellence in the writing of themes, and in a short talk he made before presenting them, Dr. Stratton emphasized the fact that the art of expression should not be neglected by the engineer since the latter, in order to be successful must be able to sell his work to business men.

Professor H. L. Seaver and Mr. W. A. Crosby of the department of English and History, and Mr. Charles Swaine Thomas of the Atlantic Monthly Press, composed the committee which made the awards.

LAST OPPORTUNITY TO CLAIM LOST ARTICLES

All lost articles which have been accumulating for several weeks at the office of the Superintendent of Buildings and Power will be given to the T. C. A. in the name of the Institute at the end of this week. Notices have been mailed three times to students whose names appear on the lost articles which have been turned in to the Superintendent's office. This will be the last chance to recover this lost property.

(Signed)

Super. of Buildings and Power.

NEW YORK CLUB ELECTS NEW OFFICERS FRIDAY

The New York Club will hold an important meeting next Friday afternoon at 5 o'clock in Walker Memorial. Officers will be elected at this time and a new date set for the dance which was postponed from last Saturday. The room number for the meeting will be posted on the Walker Lobby bulletin board before Friday.

TECHNOLOGY REVIEW FOR MARCH ON SALE TODAY

Feature Article Is Written by
J. P. Munroe '82

The March issue of the Technology Review is on sale today. Among the articles in this month's publication are: "The Democratic Theory and Internationalism," by J. P. Munroe '82; an interview with Col. F. W. Phisterer, the new head of the Military Science Department, by Professor R. E. Rogers; and an appreciation of the works of the late F. W. Hodgdon written by J. R. Freeman '76.

Then there is to be found accounts of the recent Alumni Dinner held in Walker Memorial on January 13; and the latest Alumni Council meeting. In the department of "Tech Men In The Public Eye" are a few paragraphs concerning W. H. Merrill '80, who is founder and head of the Underwriters Laboratories, Inc. The department "Undergraduates" is largely devoted to Tech Show which is staging its first performance for this year in March.

CHEMICALS HEAR PROF. WATERHOUSE TONIGHT

Tonight at a north hall smoker Professor Waterhouse will address the Chemical Society on "The Chemistry of Iron and Steel." Professor Waterhouse before coming to the Institute was connected with the Lackawanna Steel people for seventeen years and was chief metallurgist for that company. He has therefore had a great deal of practical experience and is thoroughly acquainted with the steel industry. The smoker will begin at 7:30 o'clock, and a short business meeting will follow the main talk.

The Chemical Society has received an invitation from the American Chemical Society to hear President Franklin of the A. C. S. when he speaks at the Institute on April 9.

ACTIVITIES AT ROGERS FEATURE NEXT VOO DOO

Architects' Number to Contain
Much Art Work

The March number of Voo Doo which is to be the architect number is now complete and ready for the press. It is said to abound in art features, illustrating the activities at Rogers. Among other features will be a calendar for March, a traversary on the recent archaeological activities in Egypt, and a series of cuts and verses depicting the characteristics of Technology's 15 courses. The cover design is by W. R. Amon '23, and suggests the general trend of the issue. The work was handled by a committee consisting of J. A. Henderson '23, C. V. Chamberlin '23, and W. J. Hennessey '23. The committee was supported in its work by the student body at Rogers.

ENGLISH METALLURGIST GIVES THREE LECTURES

Dr. Walter Rosenhain Here on
March 5 to 7

Dr. Walter Rosenhain, the superintendent of the metallurgical department of the National Physical Testing Laboratories of Great Britain, will deliver a series of lectures at the Institute March 5 to 7, under the auspices of the Department of Metallurgy. There will be a lecture each day at 4 o'clock in room 10-250.

The first lecture is on "Hardness and Hardening," the second on "Strain and Fracture in Metals," and the last is entitled "Aluminum Alloys." They will all be illustrated with special slides which Dr. Rosenhain has brought with him from England. These lectures are open to every one.

Dr. Rosenhain is an Australian, and was educated at the University of Melbourne and at Cambridge, England. The laboratories with which Dr. Rosenhain is connected correspond in importance and functions to our Bureau of Standards.

TWO JOINT MEETINGS FOR MENORAH SOCIETY

Mr. Alexander Brin addressed the Menorah Society last Tuesday at a joint meeting with the Menorah Society of the Emerson School of Oratory. The Emerson girls furnished four musical and humorous acts. A joint meeting with the Simmons Menorah Society is planned for the second week of next term.

SIDESHOW STUNTS ALL SET FOR TECH CIRCUS THURSDAY

Basketball With Worcester
Tech at 5.30 in
New Gym

SECOND ANNUAL AFFAIR
BIGGER THAN LAST YEAR

"Red Dog Dalie" to Replace
Former "Leadville
Clarion"

Action, continuous from 5:30 o'clock on, will be the keynote of the Tech Circus, which opens in Walker Thursday afternoon. Specialty acts every 15 minutes, a basketball game, 25 different sideshows, music, and the usual line of sawdust ring refreshments are but a few of the items scheduled for the evening when all Technology makes merry.

The first athletic event will be a basketball game with Worcester Tech, in the new gym, at 5:30 o'clock. Specialty acts will be staged in the gym, at 5:30 o'clock. Specialty acts will be staged in the gym in Walker during the evening by members of the boxing, fencing, and gym teams. One of the acts will be a tight-rope walking exhibition.

The sideshows, which are put on by various activities, societies, courses, and fraternities open both in the main hall and in the gym of Walker at 7 o'clock. Course VIII men are going to demonstrate to spectators that one Course VIII man is stronger than any one else. How to pass Triple E lab will be shown by the Course VI exhibit, which, the Electricals declare, will also be of interest to Course XV men.

The Tech Engineering News will have on exhibit an entirely new and original perpetual motion machine. Technique plans to distribute tickets in a novel manner which will be redeemable for free ice cream. THE TECH will have in operation a real old fashioned bar. The name of the paper which will appear at the circus has been changed from "The Leadville Clarion" to "The Red Dog Daylie."

The Mechanical Engineering Society is offering a five dollar prize for the nearest guess to the maximum load required to break a beam which will be part of their show. The actual testing of the beam, which is made of balsa wood, will take place at the circus. Several specialties, including reception of broadcasting, will feature.
(Continued on Page 3.)

BRIG.-GENERAL HERSEY INSPECTS C. A. C. MEN

Brigadier-General Mark L. Hersey, in command of the first Coast Artillery District, made his appearance yesterday at the Institute to look over the activities of the Coast Artillery Corps unit here. General Hersey is on General Brewster's staff, and was a division commander during the recent war.

TECHNOLOGY CATHOLICS MEET IN NORTH HALL

The February supper meeting of the Technology Catholic Club will be held in the north hall of Walker Memorial tomorrow evening, February 28, at 5:45 o'clock. All Catholic students of the Institute are cordially invited to attend.

The diners will be addressed by Dean H. P. Talbot '85, and L. K. Rourke '95, who was division engineer in charge of Culebra Cut. He will speak on "Engineering Opportunities in South America," where he spent 15 years. Throughout the dinner musical selections will be rendered by members of the club. Following the dinner there will be a short business meeting.

CALENDAR

Tuesday, February 27
3:00—Corporation XV, moving pictures, room 5-330.
5:00—Circus Committee meeting, Faculty and Alumni room, Walker.
7:30—Chemical Society smoker, north hall, Walker.
Wednesday, February 28
5:45—Catholic Club supper meeting, north hall, Walker.
Thursday, March 1
5:00—Tech Circus, Walker.
Friday, March 2
8:00—Dorm dance, main hall, Walker.