

STUDENTS SUPPORT DISARMAMENT PLANS

President Harding Sends Mes- sage of Approval to Conference

Practically every college in the East was represented at the conference which assembled Wednesday at Princeton. In all, delegates from 40 institutions of learning were present. President Harding sent a telegram to President Hibben of Princeton under whose auspices the conference is being held and declared that he was gratified that "the college thought of the republic is being exercised helpfully to commit the sentiment of our country and the world to real achievements." Charles E. Hughes, Secretary of State, also expressed his approval of the conference.

President Hibben read both of these messages at the opening of the conference. Thomas C. McEachin, Jr., chairman of the Princeton Senior Council Committee presided. The speakers were Captain Gordon Macaye, aide-de-camp to General Biddle; Major Van Sanvoord Earle Smith, and Professor Edwin Kemmerer of the university faculty.

Cost of War Shown

Professor Kemmerer who is a well-known authority on statistics presented the cost of the war graphically by means of charts. He said that the war cost the United States a million dollars an hour for more than two years, and that the money used up would have paid the expenses of the government from 1791 to 1914.

Captain Macaye told about the conference at Washington and the influence that the students might have upon it.

Major Earle Smith discussed the way he felt about war after fighting with the 42nd division in France. He said that he hoped that similar conferences would be held in all the European countries and in the West.

Institute Is Represented

Robert Wilberforce, an English representative in America read a message from H. A. L. Fisher, president of the board of education in the Lloyd George cabinet warmly endorsing the conference.

At the evening meeting General O'Ryan said that he thought it was necessary to go further than complete disarmament. He believed that a change must come in the world's way of thinking before war could be completely stopped.

The Institute's representatives at the conference are W. B. Purinton '22 and D. F. Carpenter '22.

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EVERYBODY INVITED TO COME TO THE AERONAUTS' SMOKER

The Aeronautical Engineering Society extends an invitation to all students to attend its first smoker of the season given tonight at 7:30 o'clock in the lecture hall, 5-330. Professor E. P. Warner will give an illustrated lecture on "Recent Developments in Aeronautical Engineering." Captain Wright will explain official movies of tests made at Dayton, Ohio. The society wishes to inform all students interested that this will be the last opportunity for them to enroll as members before the drive closes.

SMOKER FOR TRANSFERS PLAN OF WALKER CLUB

The Walker Club of Technology will hold a smoker for the new men here at the Institute who have transferred from other colleges on Tuesday, November 1, in the north hall of Walker Memorial. The smoker will be from 7:30 to 9:00 o'clock.

Invitations are being sent out. The committee in charge is trying to reach every man but in view of the fact that a few might be overlooked it wishes at this time to extend the invitation to each and every new man here at the Institute. Dean Talbot will be the speaker of the evening. Refreshments will be served.

WALKER CLUB GIVES SMOKER

The Walker Club of Technology will hold a smoker for all new men from other colleges on Tuesday, November 1, in the north hall of Walker Memorial from 7:30 to 9:30 o'clock.

CLUBS ENTERTAIN TONIGHT

Dance in Walker First Event of Season's Activities

The first dance of the Combined Musical Clubs, which is the first dance to be given by an activity in the Walker Memorial this fall, will take place tonight in the main hall of Walker. There are a few of the 200 tickets left and men desiring them may report to the office of the clubs, room 310, Walker, between 4 and 6 o'clock this afternoon.

Bert Lowe with Sanborn and Jacobs and three other men will furnish the music for the dancing, which will last from 8 till 12 o'clock. Mrs. E. E. Bugbee and Mrs. H. G. Pearson have consented to act as chaperons for the affair. Professor Pearson and Professor Bugbee are two of the Alumni advisors for the Musical Clubs this year.

In line with the opening of the clubs' activities comes the announcement that the first concert of the year has been formally arranged and will be at the Franklin Square House as in previous years. The date for the concert is November 8. Details as to program and tickets have not been definitely arranged.

ADD TO NUMBER OF BOOKS IN WALKER READING ROOM

List Includes Works in Non- Fiction, Fiction, and Poetry

A great many new and interesting books have recently been added to the Walker Library. They comprise the newest works in non-fiction, fiction, and in poetry and are listed as follows:—

Non-fiction: The Kaiser vs. Bismarck; The World of Ours, by Curie; The Wats of the Circus, Conklin; The Uses of Diversity, Chesterton; My Methods of Boxing as a Fine Art, Carpenter; Labrador, Cabot; The Inside Story of the Peace Commission, Dillon; America via the Neighborhood, Daniels; Prehistoric Man and His Story, Elliot; Roaming Through the West Indies, Vagabonding Down the Andes, and Vagabonding Through Changing Germany, by Frauck; Breakers and Granite, Fletcher; Riviera Towns, Gibbons; Pelf and Neighbour, Hirst; California Trails, Hall; The Far Eastern Tropics, Neland; The Sea Fisheries, Jenkins; How to Use Your Mind, Kitson; Camping and Woodcraft, Kephart; The Secrets of Earth and Sea, Lankaster; The Diary of a Journalist, Lucy; Modern Movements in Painting, Marnott; Folks, Murdoch; A Naval History of the War, Newbolt; and The Russian Diary of an Englishman.

Fiction: Pigs to Market, Chamberlain; Meet 'em with Shorty McCabe, Ford; The Man Who Did the Right Thing, Johnson; Winsome Winnie, Leacock; and Collected Plays, by Masefield.

Poetry: The New Poetry, Munroe; Collected Poems, Masefield; and The Three Taverns, by Robinson.

T. C. A. DRIVE STILL ON

The T. C. A. membership and financial drive has been progressing very slowly, and to date only \$850 of the required \$2300 has been raised. The campaign is now being directed to the freshmen, and each one is being personally seen by his section representative. The restrictions which formerly prevented solicitors from seeing men outside their assigned sections have been removed, and they are now free to solicit contributions from anyone at the Institute.

The campaign will be continued until the quota has been subscribed, or until every student has been seen. Posters have been placed around the Institute asking for contributions. G. W. Potter '22, and G. P. Schumacker '22 are in charge of the canvassing of the dormitories, and A. L. Johnson '22, is managing the soliciting of the fraternities. W. M. Ross spoke to the various sections of the freshmen military science course last Thursday. He told them what the T. C. A. is doing for the students, and asked them to support the organization.

LECTURE GIVEN ON A NEW FEATURE IN CHEMISTRY

The third lecture of the course in "Recent Developments in Science" will be given today by Professor A. A. Blanchard. The science chosen this time is Chemistry and the subject is "The Disintegration of Elements by Alpha Particles." The lecture will start at 4 o'clock in room 10-250. Next week something of recent note in Geology will be the subject of the lecture.

Sell Tech Night Tickets Today 9-12

Tickets for Tech Night on November 4, after Field Day, will go on sale in the box office in the main lobby today at 9 o'clock. As in former years the tickets will be given out to first comers. Any tickets remaining unsold at 12 o'clock will be put on sale the following Monday at 12.

The performance, as has been previously announced, is to be "The Passing Show" at the Shubert Theatre. The seats will be apportioned among the classes according to registration figures, and only five tickets will be allowed to any one man, Field Day teams occupying the boxes.

ERECT NEW BUILDING TO HOUSE ORDNANCE COURSE

Ground has been broken and cement is being poured for a new building at the Institute, designed to house the activities of the men studying ordnance here. These have to do with tractors, gas engines and tanks used by the Ordnance Department and their operation and testing. The need for the new building arose from the incorporation in the Institute's work of the Ordnance School of Application, located here, and the Ordnance School of Technology, located at the Watertown Arsenal. To these schools officers of the United States Army are detailed for instruction and the new building will have facilities for sending through in five or six weeks a group of 27 officers, who, while they are at the Institute, give all their time to the work. The first use of it will be made early next summer.

The building will be 45x90 feet in size and one story high. It will be built in three bays, each 15 feet wide, and the centre bay will have large sliding doors at each end. In the two side bays will be I-beam trolleys to facilitate the moving of ordnance machinery. All the piping will be carried in trenches under the concrete floor. The structure is expected to be up before cold weather.

NOVEMBER T.E.N. GOES TO PRESS

The November issue of the Tech Engineering News is now at press and is expected to be out soon. The table of contents should compare favorably with any that have yet been put out by the T. E. N., according to Publicity Manager R. K. Turner '23.

In the last issue a general description of the Exposition of Chemical Industries was given. In this issue the same policy has been continued by presenting an abstract of a paper presented before one of the meetings of the Chemical Society. It is an interesting and enlightening discussion on "Theories and Their Value to Mankind," in which, among other things, the author shows the state that chemistry would probably have been in if the atomic theory had not been formulated.

Representatives Attend Meetings

The Tech Engineering News had two representatives at the meetings of the chemical societies and at the exposition which was held a week later. When one of them met Dean Talbot in the lobby of the Waldorf-Astoria and told him he was covering the (Continued on Page 4.)

NOTICE TO SENIORS

All 1922 men are entitled to have their pictures in the portfolio section of Technique 1923 without charge. As there are more than 980 Seniors it will be hard to satisfy everyone. Each year Seniors are disappointed because their picture fails to appear in Technique. This year, Technique will do its part if each Senior will do his. If he will call at Technique office and first, fill out a statistics card, and second, get an appointment with the Technique photographer, the year book will guarantee his picture in the 1923 issue. Unless the Seniors take the initiative and furnish the required data, Technique can take no responsibility in the matter.

G. R. JOHNSON,
Portfolio Editor,
Technique 1923.

Room 908 Walker
Office hours: 9:30-12:30 A.M.
5:00-6:00 P.M.

INSTRUCTING VOLUNTEERS

B. & M. Has Placed Car Here for that Purpose

The reason for the new siding and the passenger car on it on the Institute grounds, near the repair shop, is that the Boston & Maine has placed there an instruction car for volunteers in the emergency of the coming strike.

This car is outfitted with all the appliances for making modern trains safe. These are arranged in view along the sides of the car, both in section and assembled, in order that instruction in them may be more easily accomplished. One of these appliances or rather group of appliances is a complete air brake system, with valves on each brake cylinder, to demonstrate the workings of such a system when installed on a train. There are injectors, steam fittings, and charts showing the working parts of a locomotive. The car forms an interesting working exhibit of the mechanical devices that go to make up a train's equipment.

The placing of this car and the assignment of a competent instructor to explain the details of the appliances is a part of the plan of the Boston & Maine to maintain traffic in the eventuality that there is a strike. Applicants who have had experience in handling an engine and desire to become emergency trainmen are requested to sign up with the Chief Engineer of the road at the North Station.

EXPECTS SHOWDOWN IN R. R. LABOR IF STRIKE COMES NOW

Strike Threat Merely Menaces Further Wage Reduction

That a general rail strike, if carried out now, would be a signal for a showdown between the labor unions and the public, was the sentiment expressed by Edgar J. Rich, speaking in room 5-330 Wednesday afternoon under the auspices of Corporation XV. He does not think, however, that it will come to that, but that the strike threat at this time is merely intended as a menace to any further wage reduction, rather than a protest against the wage reduction of July 1, 1921.

In beginning his talk, Mr. Rich paid tribute to the type of men working on the railroads, saying that they are the most courageous and dependable workmen in any line. The reason that their wages are in reality higher than those of other tasks is not because they have a higher basic wage, but is due rather to working of overtime rulings. The men's objection to reduction of current wages is due to the high wages they received during wartime.

Was Counsel for B. & M. 20 Years

He thinks that the decision of the Labor Board was fair in this matter and that the workmen will be making a mistake if they bring the matter to a showdown, as he says that the resources of the public at large will be brought to bear to break any strike if it occurs. He rather thinks that the men wish to protest against the owners of the roads making any application for further wage reductions and thinks that this would be the cause of a strike in the future if the present one is settled.

Mr. Rich was introduced by President R. H. Brown '22 of Corporation XV. He was for 20 years counsel for the Boston and Maine Railroad, has been in general practice several years past, and is now general counsel of the Associated Industries of Massachusetts. Nearly 200 men heard him speak.

Show Industrial Movies Today

The Corporation XV movies, as announced previously, are scheduled for today in the same room, 5-330, at 3 o'clock when views of the processes of manufacture in use at the Boston Woven Hose and Rubber Company's plant will be shown. A lecturer will explain the pictures and discuss the various processes.

PHOTOGRAPHIC COMPETITION OPENED BY TECHNIQUE 1923

A competition is starting, open only to Sophomores, which will lead to the position of photographic editor of Technique 1924. Candidates are to report to the Technique office in Walker, Monday, at 5 o'clock. The winner of the contest will act as assistant photographic editor of Technique 1923 and will be recommended to the 1924 Editorial Board as photographic editor of Technique 1924.

HARRIERS WILL RUN IN SYRACUSE MEET

Beavers Contend with Cornell and Yale for Honors

FRESHMEN RACE WORCESTER

The Varsity cross-country team leaves this afternoon for Syracuse, New York, to participate in the Syracuse Invitation Cross-Country Run. It is not known exactly how many colleges are entered as there is still time for delayed acceptances to be sent in. Yale and Cornell, two of the strongest teams of the country, will be present. Also Syracuse, Colgate, Columbia, Dartmouth and Technology, all of whom have strong teams, are entered.

Beaver Hopes High

Technology will be represented by Captain E. E. Sanborn, A. L. Flanders, Bob Hendrie, R. E. Robertson, L. H. Poor, W. W. Anderson and G. H. Holt. Coach Kanaly has been working his squad hard this last week and the men are in excellent form. Two years ago, when the Institute competed in the Syracuse Invitation Meet, the Beavers captured third place. This year their chances of winning are good, although they will have strong competition from both Cornell and Yale. Malcolm Douglass of Yale, who won the two mile run in the Oxford-Cambridge, Yale-Harvard meet this summer, will be a strong contender for first honors.

Elmer Sanborn, the Technology captain, has been running in championship form all fall and should finish close to the top. Art Flanders has run at his heels in every race this year, while the rest of the squad have all turned in good times over the difficult Belmont course.

Leave For Syracuse Today

The squad, accompanied by Coach Kanaly, leaves from South Station this morning at 10 o'clock. The meet starts at 1 o'clock Saturday afternoon over the Syracuse course. The squad will be back in Boston Sunday morning. After this Saturday there will be but two meets on the Varsity schedule, the N. E. I. C. A. A. meet at Franklin Park on Saturday, Nov. 5, and the I. C. A. A. A. meet at (Continued on Page 3.)

WHO'S WHO At Technology

The officers of Cleofan are: '22, Hotel President: Martha Elisma, 22, Hotel Hemenway, Boston. Tel. Back Bay 3130. Vice-president: E. L. Morse '22, 42 Kirkland St., Boston. Tel. University 7039-M. Secretary: Jean McInnes, Grad., 310 Bexley Hall, Cambridge. Treasurer: Phyllis Kraft '22, 69 Aldie St., Allston, Mass., Tel. Brighton 1212-M.

CALENDAR

Friday, October 28, 1921

3:00—Corporation XV motion pictures, room 5-330.
5:00—Class of 1924, Smoker, north hall, Walker.
5:00—Meeting of freshman class, room 10-250.
6:30—British Empire Club Dinner, Faculty dining room, Walker.
7:30—Aero Engineering Society Smoker, room 5-330.
8:00—Musical Clubs Dance, main hall, Walker.

Saturday, October 29, 1921

2:00—Chess Club Exhibition, north hall, Walker.

Monday, October 31, 1921

5:00—Choral Society Tryouts, room 10-250.
6:30—Alumni Council Dinner, Faculty dining room, Walker.

Tuesday, November 1, 1921

5:00—Tech Show Orchestra Rehearsal, north hall, Walker.
5:00—Meeting of freshman class, room 5-330.
7:30—Walker Club Smoker, north hall, Walker.

Wednesday, November 2, 1921

7:30—Mining Engineering Society Smoker, north hall, Walker.

Thursday, November 3, 1921

5:00—Tech Show Orchestra Rehearsal, north hall, Walker.
5:00—Cosmopolitan Club Meeting, east balcony, Walker.
5:00—Meeting of freshman class, room 5-330.
7:30—Class of 1924 Smoker, north hall, Walker.

Friday, November 4, 1921

1:00—Field Day Exercises, Tech Field.
7:45—Interfraternity Conference, Faculty and Alumni room, Walker.
8:00—Tech Night, Passing Show, Shubert Theatre.

Saturday, November 5, 1921

6:00—M. I. T. A. A. Dinner, north hall, Walker.
Friday, November 11, 1921
6:00—Student Hospitality Committee Dinner, north hall, Walker.
8:00—British Empire Club Dance, main hall, Walker.