

THE TECH

VOL. XXXV. NO. 84

BOSTON, MASS., FRIDAY, MARCH 24, 1916

PRICE THREE CENTS

NAVAL ARCHITECTURAL SOCIETY DINNER

Mr. White Gives Some Anecdotes, Professor Keith Speaks On Ships' Curves

At the Naval Architectural Society dinner, held last Wednesday in the Union, Mr. Wilfrid O. White spoke on "Anecdotes Connected with Scientific Navigation," and Professor H. Keith of the Naval Architectural Department on "The Mathematical Fairing of Ships' Curves."

Mr. White, who is compass adjuster on the Rockland trial ship course, first outlined the history of the compass, starting with its invention and coming up to the discovery of the liquid compass. This owes its origin to an odd circumstance. At some time in history a sea broke over the deck of a vessel and flooded the ship's compass. The compass was found to work better, so the liquid compass came into existence. The most modern form of compass, invented by Lord Kelvin, has its mass near the circumference in order to give it a longer period of oscillation than any ship could have. One of the anecdotes that he told was about the test on the "Rividavia," a South American battleship, in which it was required that twelve 12-inch and six 6-inch guns be fired simultaneously. The ship yard tried in vain to have it arranged so that each gunner might fire his own gun separately, thereby allowing a fraction of time between the firing. An official photographer, told that there would be no jar, was on top of the fighting tower, camera focussed on the guns, waiting for signal to fire. When he came to, he found himself on the conning tower, camera in pieces, and he, himself, with no memory of how he came there.

Professor Keith followed with a talk on "The Mathematical Fairing of Ships' Curves," the system now employed by the Experimental Model Basin of the Bureau of Construction at Washington. Ships' lines are mathematical curves, which can be regulated by suitable constants to give any desired displacement or form. A definite record of each ship's lines are

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JUNIOR PROM SIGN-UPS

Number Increases Rapidly As Date Of Close Nears

One hundred and twenty-seven sign-ups have been made so far in the Junior Prom campaign which closes April 22. The percentage of sign-ups by classes is as follows:

CLASS	NO.	%
Instructors	2	1.6
Grad. Students	3	2.4
Seniors	23	18.1
Juniors	78	61.4
Sophomores	12	7.1
Freshmen	9	9.4
	127	100.0

The invitations and preliminary orders will be out April 10, while the final orders will be ready April 24. The final payment of \$5.00 may be made any noon at the table in the Union.

SHOW REHEARSALS

The chorus and cast soloists will rehearse this afternoon at 5.00 o'clock in the Union Dining Room.

The ballet will rehearse Saturday afternoon at 2.00 o'clock in the Union Dining Room. The orchestra will rehearse Saturday afternoon in the Union, Room B.

Sunday there will be a rehearsal at the Shubert Theatre, 265 Tremont Street, at 9.00 o'clock in the morning. All members of the cast, chorus and ballet will have to be present as this is to be the first rehearsal of the entire Show. It will be necessary to have all men on time since the management of the Shubert Theatre can only allow the Show a limited time.



ALL-TECHNOLOGY SMOKER

The All-Technology Reunion Smoker will be held in the Union this evening. The speakers will be President Maclaurin, Professors Cram and Miller, and Mr. I. W. Litchfield, '85, Secretary of the Alumni Reunion Committee. A novel entertainment, which is being kept a secret, will be staged and the winner of the prize picture-naming contest will be announced. There will also be music by the Glee, Mandolin and Banjo Clubs. The committee has spared no pains and expects that over 1500 will attend. Look for the big sign.

FRESHMEN CREW MEN EXCUSED FROM GYM

Important Practice To Be Held Saturday Afternoon At Cambridge

An exceptional opportunity for workouts is offered by the Crew practice tomorrow which will be held at the Newell Boat House in Cambridge at 2.30 p. m. The twenty-four machines there installed will allow all the candidates to put the suggestions of Coach Stevens, who will be present, into immediate practice. To reach the Boat House go to Harvard Square, cross the Larz Anderson bridge, and turn up river by the Stadium.

It is desired that men who wish to try for Assistant Manager or Cox, report to Manager Dinkins at this practice. There is a special need for light men from all four classes for Coxswains. It is expected that any men who really wish to make the position

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SOPHOMORE BASEBALL

Candidates for the Sophomore baseball team will report at the gym every day this week at 1.00 o'clock, bringing their own gloves. The first game is less than three weeks out, and men trying out will be judged partly on their attendance. Manager Blank has announced the following schedule, which does not include the three games with the freshmen, to be played some time in May.

April 8, Worcester Polytechnic Seconds; April 15, Mechanic Arts; April 18, Noble and Greenough; April 21, Wentworth Institute; April 28, Tufts Seconds; May 2, Stone School; May 13, Wakefield High.

CONSTITUTION OF MATTER

The lectures by Dr. Comstock on the "Constitution of Matter in the Light of Recent Discovery" began last Wednesday. They are to be held in Room 24 Walker, at 4.15 on Wednesday throughout the remainder of the term.

T. C. A. ELECTIONS

Leslie Hoffman, '17, Is Made President

The following men were elected yesterday to offices in the T. C. A.: President, Leslie A. Hoffman, '17; Vice-president, E. L. Clark, '17; Treasurer, George H. Stebbins, '17.

Hoffman was Chairman of the Student Service Committee, a member of the Rooming House Committee, Information Bureau, had charge of the T. C. A. reception for the freshmen, and was on the 1915 Wrestling Team.

Clark is a member of the T. C. A. cabinet, in charge of the work for foreign students and of arranging talks.

Stebbins was this year's manager of the Wrestling Team, and has been in charge of the Course XIII T. C. A. Committee.

RIFLE CLUB

There are only two more weeks before the indoor rifle season will close. The ranges have been in active use right along, but at present they are in still greater demand by men who are practising regularly in order to qualify with the National Rifle Association this year. Any member of the club scoring 85 or more is eligible to try for his qualification.

GYM TEAM AT AMHERST

Saturday night the Gym Team will meet Amherst at Amherst. The following men will take the trip: Bliss, '16 (Capt.); Ford, '17; Inglis, '19; Kidour, '18; Lichauco, '19; Mason, '17; Means, '17; Mendelsohn, '16 (Mgr.); Webber, '19, and White, '17. There will be a meeting of the team at the Gym at 4.00 o'clock today. Manager Mendelsohn requests the whole squad to be present.

HARE AND HOUNDS

Monday, March 27th, at 1 o'clock the Hare and Hounds Club will hold a meeting in Room 8, Eng. C.

INSTITUTE COMMITTEE HOLDS BUSY MEETING

Recommendations To Abolish The M. I. T. A. A. Accepted—Revisions Made

At a meeting of the Institute Committee held yesterday, a report of the committee appointed to investigate the advisability of abolishing the M. I. T. A. A. was read by N. E. Tourtellotte, '17, and accepted with recommendations by the Institute Committee. Under the suggested plan, the present M. I. T. A. A. will be completely abolished and an entirely new system instituted. It is proposed that a new Athletic Association be formed of all the managers of the recognized teams, treasurer of the Association, and the three undergraduate members of the Advisory Council. Two other undergraduate members are to be elected by the three members on the Advisory Council, and each of the five will have one or more sports assigned to him and it will be his duty to represent his particular activity in the Association meetings.

A budget committee by which all funds will be appropriated to the various teams shall be composed of the ex-manager of the Track Team, a similar ex-manager of one of the other sports, and an undergraduate whose financial experience in Institute activities has been extensive, the last two named to be chosen by the Advisory Council.

The recommendation that the present committee be retained to draft the revised constitution and to de-

(Continued on Page Four)

TRACK MEETINGS

Outdoor Season To Start On Monday, March 27

There will be two Track meetings today in Room 20, Eng. B, at 4.00 and 5.00 o'clock. All men who intend to come out for the outdoor work are requested to be present at one of the meetings. Plans for the season will be discussed and Manager Tourtellotte, '17, will announce the tentative schedule. Captain Guething, '16, will offer some advice to the new men and Coach Kanaly will also speak.

The prospects for a successful season are bright. All of the Varsity men will be back and, as Coach Kanaly has been working hard on the new material during the indoor season, it is expected that there will be some new stars developed.

ORCHESTRA REHEARSAL

There will be a rehearsal of the orchestra, Saturday afternoon, at 1.30 o'clock sharp. The grading of the members will be made, and the management has requested that all be present.

CALENDAR

Friday, March 24, 1916.
 1.00—Sophomore Baseball, Gym.
 1.00—Freshman Baseball, Gym.
 1.05—News Meeting, Lower Office.
 4.00—Gym Team Meeting, Gym.
 4.00—Mandolin Club Rehearsal, Union, Room B.
 4.00 and 5.00—Track Meetings, 20 Eng. B.
 4.30—Crew Practice, D. A. A. Boat House.
 5.00—Chorus and Cast Soloists, Union Dining Room.
 8.00—ALL TECHNOLOGY SMOKER.
 Saturday, March 25, 1916.
 1.00—Sophomore Baseball, Gym.
 2.00—Ballet Rehearsal, Union Dining Room.
 2.30—Crew Practice, Newell Boat House, near Harvard Stadium.
 Sunday, March 26, 1916.
 9.00—Show Cast, Chorus, and Ballet Rehearsal, Shubert Theatre.

THE TECH

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FRIDAY, MARCH 24, 1916

THE SMOKER TONIGHT.

The importance of the New Technology and the consequent dedication festivities next June soars calmly above the head of our average Institute student. Such a state of affairs is due, partially at least, to the rigor of the Technology curriculum and also to the cumulative inertia of fifty years. With respect to the matter of the celebration itself the important phase under careful consideration at present is that of student participation in the dedication.

There is little doubt about the ultimate and the genuine interest of the Technology man after he realizes the moment of the situation. But to obtain results for his alumnus friend, (and also for himself,) an organization must be perfected. Preliminary steps to this end have been shaped by an undergraduate committee acting with the joint sanction of the Alumni Association and of the Institute Committee. This committee will hold a stupendous mass meeting tomorrow evening in both floors of the Union, at which time a unified effort will be made to secure the confidence and enthusiasm of the entire student body. Actual plans and details will be announced concisely and to the point; President MacLaurin will be present and will present an important aspect of the NEW TECHNOLOGY, and a start is to be made in registering men who will stay on for the June affair.

The significance of this meeting prompts The Tech to again urge the importance of the attendance of every Technology man.

COMMUNICATION

To the Editor of The Tech:

In your last issue appeared a remarkable specimen of the epistolary art, under the caption of "The Lounger," and relating to the communicant's prejudice against the Technology Gymnasium. This timorous person, writing under assumed initials and from an equally fictitious address, nevertheless intends to crusade against what he seems to consider is faulty in the physical training course. From a careful study of his frenzied effort at composition we may gather that he has a devout fear of two things—germs and splinters—and that the assumed existence of these things on the gymnasium floor constitutes it a public menace.

The gymnasium, the previous communicant may be aware, is not only well aired and in winter kept at a temperature low enough to kill the hardest germ, but is also thoroughly swept after each day's work. A further fact, probably unknown to "A. W. K.," through lack of investigation, is that for those who fear danger from the exercises, commodious showers are placed contiguous to the Gym floor. As to splinters, the only thing of that nature which "A. W. K." need fear is one of bone lodging in the cavity reserved to his rudimentary intellect.

It is to be noticed that this agitator, like all agitators, gives no facts regarding the danger of which he is so certain. He does not and would not, however cordially invited, show proof that a single case of injury or disease has resulted from floorwork



The Lounger is glad to hear from his friend, the Editor of The Tech, that the publication of the highly hysterical communication he received Saturday has produced the desired effect in today's communication. Now an excellent proof has been furnished that the undergraduates are not asleep, as the Lounger had begun to fear; and the Lounger requests that all future communications, directly affecting him be addressed to him and not to the Editor-in-Chief. The latter, although an excellent gentleman, sometimes has peculiar views which conflict with those of the Lounger.

But to return to the point. The Lounger realized perfectly before he permitted the publication of such an obviously misdirected tirade, that no dangerous conditions existed in the Gym; in fact the whole building shows a marked advance over the one in which the Lounger hirsutely dusted the floor some years ago. Frank Kanaly is more scrupulous about the cleanliness of the Gym than the Lounger's freshman acquaintances are about the order of their study rooms. The floor is swept daily, all unsanitary features, such as expectoration, are tabooed; and no one to the Lounger's knowledge has suffered the slightest ill effect from the denizens of the dust. The Lounger suspects, too, that the communication in question perhaps was intended as a gentle hint that the freshmen would like to see a hardwood floor introduced for floor exercises at the New Institute.

It is always satisfactory to see weird opinions dragged out into the light, minutely examined, and properly disposed of. The process leaves no undercurrent of dissatisfaction. Consequently the Lounger is glad to express his appreciation of the manner in which the students are aiding him in decapitating this hygienic bugaboo.

FACULTY NOTICE

Beginning the week of March 27, drill will be held on Wednesday only, for two hours. The Monday and Thursday hours will be omitted.
EDWIN T. COLE.

at the Gym. No such case exists, and "A. W. K.'s" effort may be placed where it deserves, among ambitious attempts to exercise influence over affairs with which he is not at all intimately acquainted.

SENSIBLE.

COMMUNICATION

A remarkable example of ideal Technology spirit has been shown recently by a portion of the student body occasionally erroneously considered as being outside the pale of undergraduate activities. We refer to the co-eds. It is only fair to them that the efforts which some of them have made toward increasing the success of one of the Institute's activities be made known to the student body.

Tech Show 1916, with elaborate scenic plans, was in danger of having exceptional scenery made ineffective by incongruous cheap modern costumes. Entirely unsolicited, a few of the girls here offered to make the majority of those needed.

The amount of work involved may
(Continued on Page Three)



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MASONS DINE

Professor Harrison Smith Tells Of Borneo

Last Tuesday night the members of the Masonic Club held a dinner in the Union at which several men high in Masonry circles were present.

Rt. Wor. Dr. Hamilton, Grand Secretary of the Grand Lodge of Massachusetts and a former president of Tufts College, gave a short talk immediately after the dinner.

Professor Frank Vogel, head of the Department of Modern Languages, then gave an account of Dr. Hamilton's career.

Professor Harrison W. Smith spoke about his trip along the west coast of Borneo. This part of the island is inhabited by three distinct tribes that are independent of the rule of Borneo, but their chief is an Englishman whom they call "Rajah."

The professor to illustrate his talk showed many beautiful pictures of jungle scenes which gave a good idea of the country and its people. The women of the land are not without their individual styles, the most prominent fashion being to elongate their ears. In some extreme cases they even make them fully twelve inches long, and seem to be proud of their accomplishment.

COMMUNICATION

(Continued from Page Two)

be realized when it is understood that the suits, gowns and cloaks made amounted to over sixty garments. They were all cut, sewed, and stencilled by these girls. Most of them were ready for the recent photographing of the Show, and the contrast with those of previous years was marked.

We wish to take this opportunity to thank those who through the interest they showed have enabled Tech Show to add one more good point to its production.

TECH SHOW, 1916.

NAVAL ARCHITECTS

(Continued from Page One)

made and thus ships of slightly varying type may intelligently be compared. It is also possible to draw up the lines of a ship in about five hours and send them to the shop the same afternoon for the construction of the model. All government ships since 1905 have been constructed by this method.

PREPAREDNESS

Talk By John Spargo, Prominent Socialist Authority

John Spargo, an American writer on Socialism, spoke on "Preparedness" at the Union on Tuesday under the auspices of the M. I. T. Forum. Mr. Spargo is one of the greatest living authorities on Socialism and his books are widely used for the study of that subject in colleges.

Mr. Spargo said that he was a firm believer in preparedness but decidedly a disbeliever in that form of preparedness which is being so strongly urged by President Wilson, namely military preparation. He argued that no matter how much more money the United States should spend on increasing the country's protection against attack by other powers, those powers would just as quickly increase their army and navy proportionally. This being so, military preparation would be utterly of no value, but only a needless expenditure of money and energy, which could much better be utilized to improve the conditions among the poorer classes. The preparedness which America should seek is that which can help to develop better men and women from the laboring masses, thereby increasing the efficiency of the nation.

FRESHMAN CREW

(Continued from Page One)

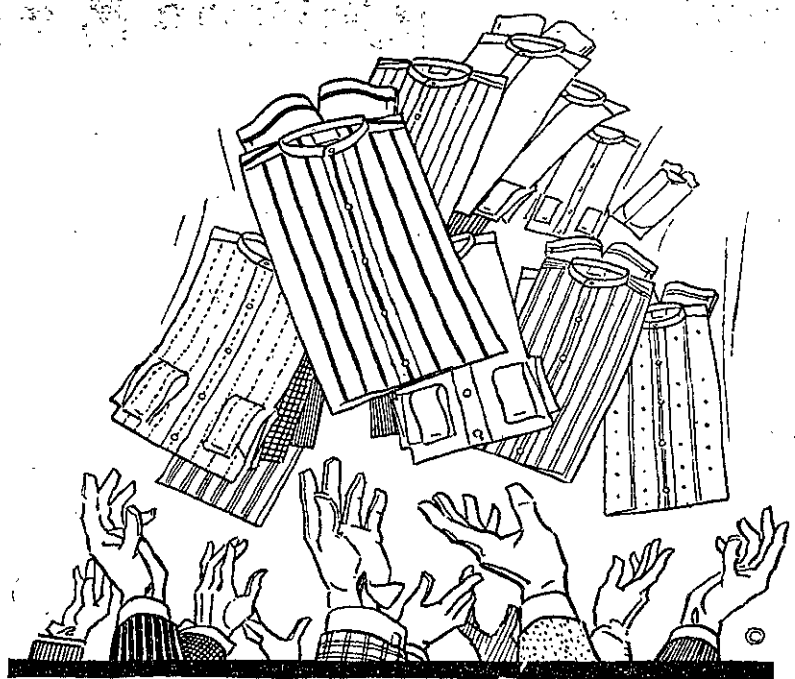
will report regularly to learn the game as worked out by Coach Stevens.

Any freshmen who report for crew will upon application be excused from Gym. It is necessary that all candidates report as soon as possible, because the preliminary work the men are now undergoing is extremely important, and no man will be allowed on the river until he has put in at least a week's practice on the machines.

The plans for the participation of the crew in the June Reunion Program have been practically completed by Manager Dinkins. He has arranged for the Class Day Regatta to be held during this period, the date to be June 12. The class crew which wins this race will be awarded a cup for their class, while each member of the winning crew will receive a medal.

FENCING TEAM

The Fencing Team has been disbanded for the season. Meets had been arranged with Springfield Y. M. C. A. College and Bowdoin, but both were canceled on account of financial difficulties.

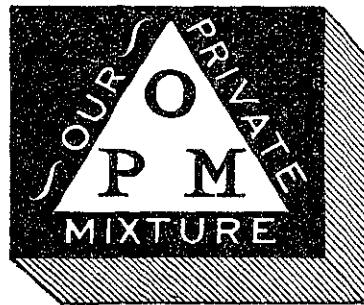


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INSTITUTE COMMITTEE
 (Continued from Page One)

wise some means of placing the financial responsibility of payment in regard to the salaries of coaches was accepted.

An informal report of the Committee on the temporary housing of activities at the new buildings was read by D. B. Webster, '16, and one of the Reunion Committee was read by T. D. Brophy, '16.

The following recommendations for appointments were ratified by the committee: D. H. Parker, '17, to the Union Committee; G. H. Davis, '19, 2nd Asst. Stage Director; N. P. Johnson, '19, 2nd Asst. Stage Man.; and C. P. Wallis, '16, Asst. Gen. Man., to Tech Show; also recommendations to the Tech Board, names not yet announced.

The Executive Committee was authorized to appoint a committee to revise the constitution and by-laws. A motion that the Tech Orchestra be granted representation on the Institute Committee was laid on the table, although a sub-committee was appointed to investigate the Tech Orchestra with reference to giving it representation.

Only one nomination was made for the freshman Football Manager, J. R. Milliken, '19.

The Committee on instituting the Honor System was authorized by the Institute Committee to advertise the Honor System throughout the Institute and put it before a student vote. The plan as suggested is to get a vote from every student at Technology through the secretaries of each class. The advertising campaign is to be carried on by means of posters, meetings of classes, and possibly by calling a convocation.

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