I Duffield, Second Marshal, and Guething Third—Policies of Committees Outlined.

At the Class Day Electoral Committee held yesterday afternoon, C. E. Fox was elected first marshal, T. H. Duffield, second marshal, T. H. Guething, third marshal. J. M. White was elected secretary and E. R. Dawson, treasurer.

Murdock, T., then outlined the policies of each of the various committees. These committees consist of the Class Day Committee of five, the chairman of which is the second marshal. The House Committee, the chairman of which is the third marshal; the Dance Committee of five members and the advisor, and Sermon Committees of one man each. The following were nominated for the Sermon Committees of one man each.

The following were nominated for the Dance Committee of five members, the chairman of which is the third marshal. The following were nominated for the Dance Committee of five members, the chairman of which is the third marshal.

The following were nominated for the Dance Committee of five members, the chairman of which is the third marshal.

The Union of the Class Day Committee will be taken Thursday at four o'clock at Hearn's Studio. The next meeting of the committee will be held on Monday at five o'clock in the Union.

M. I. T. A. A. MEETING

Decide Rules Whereby Wrestling and Hockey Men Get Their "T."

At the meeting of the M. I. T. Athletic Association held last Tuesday morning, certain qualifications were determined for awarding the "T." to members of the hockey and wrestling teams. The requirements were taken almost at random from the rules of the Athletic Association. The qualifications were as follows:

Members of the hockey team, in order to receive the letter, must receive a letter of invitation from a team of at least three varsity colleges that have won three-fourths of all the college games played during the year. At least six different college games must be played.

Each member of the wrestling team, to get his "T.," must win two out of his bouts in intercollegiate competition, and must participate in three bouts of all the meets of the season. The requirements were taken almost at random from the rules of the Athletic Association.

The best seats at "A Royal Johnnie" will be allotted to those whose applications are received before five o'clock this afternoon. If any tickets are left after that time they will be sold at the Tech Show office next week. As a large number of applications have already been received, any seats that are obtained after the first distribution must necessarily be well toward the rear of the house.

INTERNATIONAL NIGHT PROGRAM ANNOUNCED

The program of "International Night," which a large number of the institute men are so expectantly awaiting, has at last been announced and gives promise of being even better than the most favorable conjectures concerning it. It has been arranged as follows:

Violin Selections.

"Chinese School Days."

Banjo Duets.

Swing Dance.

Tenor Solo.

Music.

The Argentine Tango. The Argentine Conference, Dance at the Union—10 o'clock.

Everyone who had the good fortune to attend "Chinese Night" last November will remember how comical was the scene in a Chinese school room. The fact is, it was so good that it is to be given this request as the second number on the program tonight. The author has revised it so that it will not only be more enjoyable than before, but it will also contain new interest for those who have seen it.

The Sword Dance is to be given by an unknown person who, it is rumored, is a relative of "Mr. Smith." This is to be absolutely his first and last appearance on the stage, as it was with the utmost difficulty that he was persuaded to appear.

The "Magic" that is to be presented is the result of research of one of the students here, who has perplexed large audiences of men of science many times in this country.

Those who attend tonight will have an excellent chance to see the "Argentine Tango."

"International Conference" is a play that will make you laugh but is at the same time serious. The time of the conference is in 1865, the fiftieth anniversary of the "New Technology."

Germany and England are at war. The other nations of the world are

(Continued on Page 3.)

FRESHMAN PRACTICE

1917 Baseball Squad Will Start Outdoor Practice Monday.

The Freshman baseball practice will start in earnest next Monday at Tech Field. By that time it will be suitable for practice. This week the candidates and especially the pitchers have been working out at the open space next to the Gym. No opinion can yet be formed as to the calibre of the men but a more definite idea can be obtained when outdoor practice starts. In case the practice time is changed it will be posted in THE TECH before Monday. The season will start April 4 when the Freshmen play Hyde Park High or St. John's Prep. But it is likely that the former will be played.

WEATHER

For Boston and vicinity: Probably rain today, lowering temperature; moderate variable winds.

Cambridge captured the Annual Track and Field Games held with Oxford. Rhodes scholars showed up well in several events.

CIVILS HEAR TALK ON ROAD BUILDING

Mr. Perkins Shows Many Interesting Views of Construction Work.

The meeting of the Civil Engineering Society, held last evening in North Union, was very well attended and, despite the unfavorable weather conditions, several members of the faculty were present. Mr. Perkins, Superintendent of the refineries of the Warren Bros. Co., which is a well known road building company, was the speaker of the evening and spoke on the construction, laying and life of the roads used today.

N. W. Mott, of the Society, opened the meeting and gave a few introductory remarks on the problem of roads versus automobiles. Mr. Perkins first gave a short account of the history of road building and stated that bicycles were the first cause of road building. This was shown by the number of cinder paths that were built for the benefit of bicyclists.

Colonel Pope was the prime mover in this road scheme and he afterward put much attention to better roads in general. Masonry, however, was the first to advance the first law of good roads—complete foundation drainage.

The water which collects under a road works through it and spurs disintegration results. At first, asphalt on the top of the road was used, but this was little more than a dust layer and while satisfactory for automobiles was unable to stand up under teaming for here the heavy wheels cut into and broke off pieces of the surface, after which the asphalt rubbed the pieces aside.

He next took up the various kinds of road mixtures used today and discussed their composition and the effect of the composition on the road's wearing qualities. If the mixture contains too large a proportion of fine material or coarse material "voids" the pieces aside.

(Continued on Page 3.)

SHOW APPLICATIONS DUE TODAY

Best Seats To Be Allotted To Those Who Apply Before Five O'Clock.

INTERNATIONAL NIGHT—HUNTINGTON HALL—TODAY

INTERNATIONAL NIGHT—HUNTINGTON HALL—TODAY

THE TECH

VOL. XXXIII. NO. 163.

BOSTON, MASS., SATURDAY, MARCH 29, 1914.

PRICE TWO CENTS

C. E. FOX ELECTED CLASS DAY MARSHAL

Duffield, Second Marshal, and Guething Third—Policies of Committees Outlined.

The program of "International Night," which a large number of the institute men are so expectantly awaiting, has at last been announced and gives promise of being even better than the most favorable conjectures concerning it. It has been arranged as follows:

Violin Selections.

"Chinese School Days."

Banjo Duets.

Swing Dance.

Tenor Solo.

Music.

The Argentine Tango. The Argentine Conference, Dance at the Union—10 o'clock.

Everyone who had the good fortune to attend "Chinese Night" last November will remember how comical was the scene in a Chinese school room. The fact is, it was so good that it is to be given this request as the second number on the program tonight. The author has revised it so that it will not only be more enjoyable than before, but it will also contain new interest for those who have seen it.

The Sword Dance is to be given by an unknown person who, it is rumored, is a relative of "Mr. Smith." This is to be absolutely his first and last appearance on the stage, as it was with the utmost difficulty that he was persuaded to appear.

The "Magic" that is to be presented is the result of research of one of the students here, who has perplexed large audiences of men of science many times in this country.

Those who attend tonight will have an excellent chance to see the "Argentine Tango."

"International Conference" is a play that will make you laugh but is at the same time serious. The time of the conference is in 1865, the fiftieth anniversary of the "New Technology."

Germany and England are at war. The other nations of the world are

(Continued on Page 3.)

FRESHMAN PRACTICE

1917 Baseball Squad Will Start Outdoor Practice Monday.

The Freshman baseball practice will start in earnest next Monday at Tech Field. By that time it will be suitable for practice. This week the candidates and especially the pitchers have been working out at the open space next to the Gym. No opinion can yet be formed as to the calibre of the men but a more definite idea can be obtained when outdoor practice starts. In case the practice time is changed it will be posted in THE TECH before Monday. The season will start April 4 when the Freshmen play Hyde Park High or St. John's Prep. But it is likely that the former will be played.

WEATHER

For Boston and vicinity: Probably rain today, lowering temperature; moderate variable winds.

Cambridge captured the Annual Track and Field Games held with Oxford. Rhodes scholars showed up well in several events.

(Continued on Page 3.)

CALENDAR

Saturday, March 29, 1914.


2:15—Tech Show Rehearsal. Union.

4:00—Tennis and Squash Rooms. Back Bay Station.

1:45—1916 Baseball Practice. Field.

6:00—Show Applications Due. Show Office.

8:00—International Night. Huntington Hall.
THE TECH


college news

This week is the anniversary of the great floods of the Ohio river, which began March 22nd of last year. The flood did especially great damage at Purdue University. Buildings were in many cases wrecked by the force of the waters. One student lost his life trying to rescue parties from flooded buildings.

Pen has ordered the "Bowl" for the annual "Bowl Fight," which will take place this year on the seventh of April. The committee on the fair expects to introduce several innovations but those cannot be decided until the "Bowl" comes.

Data, which has been collected by the College of Engineering at Purdue and is soon to be published in the Alumni Register of the University, shows that only 17 of the engineer graduates have not followed their professional work. The remainder of about 90 of the 2165 alumni are engaged in engineering or architectural occupations.

The Chicago Tribune last week devoted about half a column a day to lauding Chicago University's chances in the Western Conference track meet. When Illinois walked away with the most losing a poor third the Tribune did not even publish a news note of the result. Illinois authorities "wonder why."

Dean Culvin H. Crouch of the College of Engineering at North Dakota is visiting many of the technical schools in the upper Mississippi valley, preparatory to enrolling the courses at his institution.

The first conference of Ohio State alumni takes place yesterday and today in the Ohio Union. One hundred and twenty-five speakers are scheduled for these two days. The program begins again at two, called for speeches by the eleven deans during the afternoon. At the evening session eight or nine minutes talks were to be given.

faculty notices

Fourth Year.

Exercises in Electric Wiring of Buildings will be held Mondays at 9 in 26 Lowell and Thursdays at 12 in 25A Lowell, beginning Thursday, April 2nd.

WALTER HUMPHREYS, Registrar.

First Year—Course IV.

The exercise in Blades and Shadows scheduled on the Tabular View for Monday 3.3 has been transferred to Tuesday 3.4. The first exercise will be on Thursday, April 2, in room 408 Pierce. Students may obtain the textbooks of Miss Whipple in Room 35 Pierce; price 40 cents. For the first exercise prepare as far as paragraph 32. Bring to each exercise a small T-square, triangle, scale, instruments, thumb-tacks, etc. Paper will be furnished.

WALTER HUMPHREYS, Registrar.

freshmen elect

This union, at 116, in the Union, the freshman wrestling squad will meet to elect a captain for the Freshmen-Sophomore meet.

Boston Opera House

SATURDAY, MARCH 28

ROBERT E. WOODSON, President

PILGRIMS AT PRAGUE

S. E. L'HEUREUX, Vice President

S. C. W. HOST, Secretary

N. W. H. ZIMMERMAN, Treasurer

Single copies, 2 cents.

IN CHARGE OF

OFFICE HOURS

B. N. Stimets, '16; W. F. Johnson, '17.

BUSINESS STAFF

Editors: B. N. Stimets, '16; W. F. Johnson, '17.

E. A. Weaver, '15, Editor-in-Chief

A. E. Lamson, '15, Assistant in-Chief

H. E. Lobdell, '17, Advertising Manager

A. R. King, '15, Circulation Manager

NEWS BOARD

H. C. Brown, '14, Assignment Editor

E. S. Davis, '16, Review Manager

J. H. H. Beatty, '16, Art Editor

H. F. Bix, '16, Athletic Editor

W. T. Knieszner, '16, Institute Editor

C. A. Sandburg, '14, Assignment Editor

L. E. Armstrong, '15, Managing Editor

E. A. Weaver, '15, Editor-in-Chief

MANAGING BOARD

B. H. Parker, '17, Student Manager

E. A. Weaver, '15, Editor-in-Chief

A. E. Lamson, '15, Assistant in-Chief

I. A. H. Maguire, '15, Business Manager

A. R. King, '15, Circulation Manager

Boston Opera House

TABLE d'OTE

10 Huntington Avenue

DINNER 5 to 8.30

Yorke and others Thursday

BOYSLTON PLACE

Nea Colonic Theatre

STRICTLY ITALIAN CUISINE

Rafael Wines

Music

BOYSLTON PLACE

Near Colonial Theatre

Telephone 2942 BOSTON, MASS.

RICHARDS SCHOOL OF DANCING

10 Huntington Avenue

Tango Dances every Thursday

Dancing from 4 to 6

Teaching from 1:30 to 4

Private and class lessons

Telephone B. B. 6069

COLEY SQUARE PHARMACY

E. G. BOSBOM, Prop.

Boston

Italian Restaurant

DON'T FORGET THE TASTE

COLEY SQUARE PHARMACY

E. G. BOSBOM, Prop.

The Senior Class Photographer

for M. I. T. '12, '13, '14 is

Charles Wesley Hearn

727 Boylston Street, Boston

Special Rates to M. I. T. Students

L. PINKOS

College Tailor

338 Washington Street - Boston

Harvard Square, Cambridge

My Spring and Summer importations are now complete and I invite your early inspection.

L. PINKOS, Tailor.
BINDING OF TECHNIQUE ON PAR WITH THE BOOK

C. E. MEETING

(Continued From Page 1.)

or air spaces result which cannot be easily filled and which allow the surface to shift and go to pieces. A better proportioned mixture, but one which varies according to the size and quality of the materials to be obtained, is one that has enough large material to fit quite solidly together and enough small material to fit into and fill the intervening spaces. Unless this is the case water goes through it, the material shifts and soon there is a hole in the road. A striking example of the difference in wearing qualities of the Bitulithic, as the better mixture is called, and the Asphalt Macadam which contains a large proportion of large stone, is shown by the Commonwealth Avenue stretch at Naples Road near the Packard Auto Building in Allston. Here the Warren Company put in a stretch of road using a special binder of their own called Warrenite, and the road today is in as good condition as when it was laid over two years ago, while the adjoining road had holes in it within two months after completion. The Warrenite is laid while it is still hot and after it is laid, a three-ton load of the material may be driven over it, even before it is rolled. This is done while it is still warm without leaving any bad depressions and a road may be open to traffic immediately after the steam roller has finished. Crushed stone or gravel may be used for the coarse material and on a road in Maryland oyster shells were successfully used.

Mr. Perkins had several motion picture films which showed the mixing of the material and laying of the road. Several portable mixers were shown, one of which was built on a railroad car. A much used form is, however, the truck. With the type used four batches can be taken care of at once. The first batch is measured out in wheelbarrows and is ready on the hopper of the machine, the second is in the hopper, the third is in the heater, for the material is warmed first, and the fourth is in the mixer. This is then transferred to the wagons, each batch is advanced on a place. Thus a constant flow of material is kept up. After the mixture is laid a film of the fluid is poured over the top and fine crushed stone is then spread over it, after which it is rolled.

Mr. Perkins then showed some slides showing how the composition stood up under the trying conditions of the road in the mile stretches where some stretches were several feet under water, and other stretches were undermined for distances of six to eight feet without the material breaking up.

SHOW REHEARSAL

Owing to a misunderstanding, the rehearsal which was announced in yesterday's THE TECH was not held. There is, however, to be a very important rehearsal at 2:15 this afternoon. All members of every department are expected to report.

THE SMOOTHEST TOBACCO

All the comforts—When good fellows get together-
then Velvet is supreme. This superb leaf has hung in the warehouse over two years—a tremendous change—all harshness is nullified—leaf grows rich—remarkably smooth—and in the pipe, Ye gods! what a smoked! It's too smooth to bite—homely to be anything but the best smoke on earth. That's why it's called Velvet. One box is a revelation. At all dealers.

The New No. 5 Printype Oliver Typewriter makes an ideal machine for students' use. It is a marvel of simplicity, durability and ease of operation. Printype your notes and they will be twice as valuable to you. Easy terms if desired.

The Oliver Typewriter Company
146 Congress Street
Phone Main 192

YOUR EYES WILL DANCE WITH JOY

Upon beholding our display of spring woolens just placed on our counter—Foreign and domestic weavings—designs and colors for every taste—the largest selection of exclusive patterns we have ever shown—and that means something. Reasonable prices—courteous service—and a guarantee of entire satisfaction—you know these.

BURKE & CO., Inc., Tailors
18 School St.,
843 Washington St., Boston
1246 Massachusetts Ave., Cambridge
THE TECH, BOSTON, MASS., SATURDAY, MARCH 28, 1914.

THEATRES

TREMONT THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE BEAUTY SHOP

HOLLIS ST. THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE POOR LITTLE RICH GIRL

PARK THEATRE
Evga. 8.10. Mat. Wed. & Sat. at 2
FANNY'S FIRST PLAY

COLONIAL THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE LITTLE CAFE

BOSTON THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THEATRES

PRETTY MISS SMITH

HOLLY ST. THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
LITTLE MISS BROWN

THE LITTLE CAFE

TREMONT THEATRE
Evga. 8. Mat. Wed. & Sat. at 2
THE BEAUTY SHOP

ANNUAL SPRING CROSS-COUNTRY RUN
Train Leaves Back Bay At Two-Forty—Large Number Expected To Run.

The spring run of the Hare and Hound Club takes place today and is expected to draw a large number of men. In addition to the regular squad, a large number of men who have not been doing any running, have signed their intention of coming out. This year marks a new departure in the form this run will take. Herefore it has been an inter-course race, but this was so arranged that interest lingered. Beginning this year the squad that goes now will be divided up into two teams of equal strength making the race more even. Since every man that goes will score it will be an incentive to every man to do his best no matter how far he lives.

Next Saturday comes the Freshman-Sophomore race. Today's run will be the first and only chance for Tech students to enter the inter-course class to get acquainted with the course, which is likely to be changed somewhat since last year as many houses are being built and roads cut. In addition many men have been induced to consider taking up running and this will be excellent training for them. The fine weather of Holy Week and the Corporate Rev. F. C. Tanderburn, Vicar of St. Stephen's, will be the first and only chance for Tech Episcopalians next Tuesday evening in the Trinity House, 93 St. James Avenue, at 6.30 o'clock. Tick- ets may be had from Messrs. Cassels, 176 Huntington Ave., at 50 cents.

The speaker of the evening will be Rev. F. C. Tanderburn, Vicar of St. Stephen's. Plans for the observance of Holy Week and the Corporate Communion for Tech men on Easter will be discussed.

The Barber Shops
AT THE
Copley Plaza
Boston, Mass.
AND THE
Plaza
New York
Are Under Management of
Carl A. Zahn

Old Established Dining Room
33 SAINT BOTOLPH STREET

THE TECH BARBER SHOP
585 Boylston Street
Copley Square

Windsor Cafe
78 Huntington Ave.

Windsor Cafe
78 Huntington Ave.

Who Does Your
Typewriting and
Stenographic Work?
Try
W. P. WATSON
The (upper) Tech Office
"The lowest price consistent with the best work."

HERRICK SQUARE
Choice seats for all Theatres
PHONE B. B. 2328
Connecting Five Telephones