

THE TECH

SENIOR WEEK ISSUE

VOL. XXIX. NO. 166.

BOSTON, MASS., MONDAY, JUNE 6, 1910

PRICE FIVE CENTS

GRADUATION

At 11 o'clock Tuesday the candidates for degrees will assemble in Huntington Hall to receive their instructions for the afternoon. The exercises will start at 2 P. M. and will be begun by the reading of theses by the following men:

Course I.—R. M. Gillis, A.B. A Design for a Storage Reservoir on the Deerfield River.

Course II.—R. A. D. Preston. Power Plant Test and Furnace Temperatures on the Oil-burning S. S. Oklahoma.

Course III.—W. B. Hargraves. A Report on the Marsboro Goldmine and Cyanid Treatment of a Silver Ore from Cobalt, Ontario.

Course IV.—W. S. Davis. A Design of a Social Center for the City of Los Angeles.

Course V.—G. R. Lord, B.A. An Investigation into the Effects of Iron-treated and Alum-treated Waters upon Distributing Pipes.

Course VI.—C. S. Humphrey. Voltage Regulation of Alternators.

Course VII.—H. L. Lang. A Quantitative Comparison of the Cellular Contents of Fresh Milk by two Distinct Methods.

Course VIII.—G. P. Lunt. A Process for the Manufacture of Lactic Acid and Calcium Lactate.

Course IX.—S. A. Malcom. Design for a Sewage Disposal System at Manchester-by-the-Sea.

Course X.—G. G. Holbrook. Power Tests of a Steamer and its Model.

Course XI.—R. H. Lombard. On the Equilibrium of the System Consisting of Calcium Cyanamid Calcium Carbide Carbon, and Nitrogen.

The theses of Mr. Preston and Mr. Holbrook will be illustrated by Lantern Slides.

The President's address comes next, and then the degrees will be conferred. After this President and Mrs. Maclaurin and Mrs. Rogers will receive in the General Library.

SENIOR DINNER

It was a happy crowd of Seniors that met at the American House Thursday evening for the final Senior Dinner. With exams, studies, and all their troubles behind them, they enjoyed the occasion as they never had enjoyed a dinner before. From the time the men sat down at the tables, the singing began, and various course cheers were given. The entrance of a newspaper reporter was the signal for the first bread-throwing, which continued for a considerable part of the time. All was well until some bright intellect discovered a powerful arsenal in the bowls of lump sugar, and soon caused a general firing of lump sugar, which had to be stopped by the management. The chairman of the dance committee and the first marshal had announcements to make which they succeeded finally in making, after quieting the unearthly racket, the marshal being made to stand on a chair.

By half-past eight the joyful throng was ready to adjourn for Rogers building, and started out. One crowd chartered a cab, piling nine men into it, others rode in equally crowded taxis, but the main body marched in columns of fours, singing and yelling. In Rogers corridor they were arranged in order of courses and alphabetically. It was a yelling, howling mob that formed in line, but if they were noisy before entering the office they were quiet compared with the Bedlam let loose that came out of the office. The men yelled, sang, danced, shook hands, and hugged each other, jumping up and down and throwing up hats, making the corridor of stern old Rogers building a sight for gods and men. There were no strangers in that crowd. Everybody shook hands with everybody else, slapped each other on the back,

(Continued on page 90.)

CLASS DAY EXERCISES

About 650 people attended the Class-day exercises in Huntington Hall and on the lawn this afternoon. At 2.30 Pres. R. F. Goodwin began the exercises by introducing the first marshal, F. Bell, who then took charge of the proceedings. In his speech Mr. Bell laid special emphasis on the point that the class owed a distinct duty to the Institute as Alumni. He said:

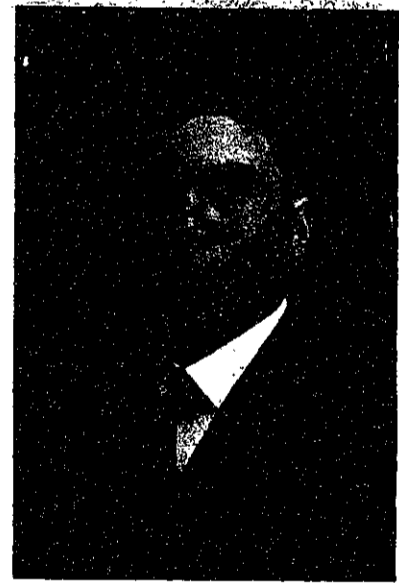
Ladies and Gentlemen:—

This gathering today represents the final opportunity that the Class of 1910 will have to extend to you, its friends, that hospitality and spirit of good fellowship which we hope is, and ever will be, always a part of us. As our President has said, we wish you to join in and help us celebrate, to be one of us, and to make merry with us. Imagine, if you will that my greeting to all of you is just as cordial as it would be if I could shake hands with each one of you.

However, Class Day, besides being an occasion of festivity has its serious aspect, its reflections on the past, its hopes for the future, and above all, the thought of what spirit and enthusiasm we may show as alumni.

Naturally, at such a time as Class Day, our reflections take us back to by-gone years. How well remembered are those freshmen days; those days of happy boyish enthusiasm. How vivid are the pictures of our successes and failures, of class gathering, of memorable incidents which bound us together.

We think of our former President, Doctor Noyes, of his quiet, self-sacrific-



FRANK FREDERICK BELL
First Marshal

ing perseverance for the Institute's welfare, and of that love and respect which exists for him in the student body. Our class has been fortunate too in seeing President Maclaurin take up his work with a spirit and enthusiasm which is causing the student as well as the alumnus to feel the spirit of a "NEW TECH" within him which is there to stay, and which indicates his hearty support and indorsement of the President's policies.

We who have passed through these changes can well appreciate the future for the student as well as the future for the Institute. The growing tendency towards the indorsement of athletics and the growing interest which is being shown in various student activities indicates a new phase of development in Institute life. Such a growth means that future outgoing classes must have for Tech an increased love and enthusiasm.

But today is our last social gathering before being received into the ranks of Alumni. Our four years of guidance and training have left us ready to go

(Continued on page 93.)

COMMENCEMENT REUNION

The Annual Commencement Day Reunion of the Technology Alumni will be held this year as usual on Tuesday, June 7. A number of the classes will hold dinners at about this time, and all the alumni will take part in the two big events of the Reunion—the informal Spread and Smoker in Horticultural Hall, and Tech Night at the Pops, Symphony Hall. Applications have come in from all over the northeastern part of the country, and the indications are that the attendance, while not comparable with that at the big Five-Year Reunions, will surpass that of previous intermediate years.

The Spread will last from 5.45 to 7.45 and will give an excellent opportunity for men to meet their class-mates under the class banners, with which Horticultural Hall will be decorated, and for the members of the graduating class to become acquainted with the Alumni. A choice menu will be served, together with cigars and cigarettes, and an excellent punch.

Tickets at \$1.00 may be had by application at the Alumni Office, 37 Rogers, or at Horticultural Hall on the evening of the Spread. The menu will be as follows:

Beef Croquettes with Peas		
Salmon Salad		
Rolls		
Assorted Cakes	Strawberries	
	Ice Creams	
Bombe Glace	Neapolitan	
Chocolate	Vanilla	Strawberry
Mixed Ice Creams and Sherbets		
Coffee		
Cigars	Punch	Cigarettes

The whole of Symphony Hall has been bought by the Alumni Association for Tech Night at the Pops. Tech banners and electric signs, Tech napkins on the tables, and class pennants marking the location of the different classes on the floor will constitute the decorations. Most of the house has already been sold to Alumni on application, but there are still some seats left in the rear of the first balcony, and in the second balcony, and there is always room to pack a few more on the floor. Tickets at 75 cents for balcony seats and \$1.00 for floor seats, may be obtained by former students or undergraduates at 37 Rogers, and any balcony seats left will be put on sale at Symphony Hall the evening of the concert.

The program will be more than ever typical of Technology Night, for in addition to the Tech Show music and the Tech songs led by the Glee Club, the Glee Club will present one number of the program themselves. Mr. Maquare, who has just succeeded Mr. Strube as conductor of the Pops, will conduct for the first time at a College Night, and he has arranged a program that shows how thoroughly he is in sympathy with the spirit of the evening. The program will be as follows:

1. Waltz, "España." Waltenfel
2. (a) March, "Stars and Stripes." Sousa
(b) Dear Old M. I. T. (with Glee Club). H. S. Wonsen, '07
3. Czarina. Ganne
4. Selection, "Three Twins." Hosna
5. Selection from "The Queen of the Cannibal Isles." Tech Show, 1910
6. March, "Teddy's Return." Andre Maquare
7. (a) "The Bill of Fare." Zollner
(b) "Doan' You Cry, Ma Honey." (Glee Club). Foster
8. Selection, "Mlle. Modiste." Herbert
9. (a) "On Rogers Steps" (with Glee Club). T. W. Estabrook, '05
(b) Stein Song (with Glee Club). Frederick Field Ballard, '87
10. Waltz, "Grubenlichter." Zeller

(Continued on page 90, column 1.)

CANDIDATES FOR DEGREES AND TITLES OF THESES

Candidates for Degrees in the Several Courses of Study with Titles of their Graduation Theses.

Candidates for the Degree of Doctor of Philosophy—Charles Horace Class, B.S., South Boston. The Ingeous Rocks in Essex County, Massachusetts.

Richard Chace Tolman, S.B., West Newton. The Electromotive Force Produced in Solutions by Centrifugal Action.

Candidates for the Degree of Doctor of Engineering.—Harold Smith Osborne, S.B., Cambridge. An Investigation of the Potential Stress in Dielectrics.

Candidates for the Degree of Master of Science.—Lee Scott Border, U.S.N., Webster, Iowa. Alternating Current versus Direct Current for Installation in Naval Vessels. (With A. J. Chantry, Jr.)

Harold Du Pre Bountheau, S.B., Jacksonville, Fla. A Design for a Museum Library.

Allan J. Chantry, Jr., U.S.N., Charlestown. A Comparison of the Observed and Calculated Deflection of a Watertight Bulkhead.

Philip Joseph Cyr, B.S., Fowler, Ind. A Sewage Disposal Plant for Brockton, Massachusetts.

Edwin Oberlin Fitch, Jr., U.S.N., Brookline. Progressive Speed-trials of a U.S.N. Standard Steam Cutter. (With R. B. Hilliard.)

James Orville Gawne, U.S.N., Fredonia, N. Y. Strength of Bulkhead Stiffness under Water Pressure.

Harold Metcalf Glazier, S.B., Hudson. A Design for a Museum-Library. Robert Bell Hilliard, U.S.N., Newton Centre. Progressive Speed-trials of a U.S.N. Standard Steam Cutter. (With E. O. Fitch, Jr.)

Arthur Thacher Hineckley, S.B., Roslindale. The Theory and Practice of Casehardening.

Reginald Lamont Jones, R.B., West Somerville. The Effects of the Heat History of Silicon Steel on its Magnetic Properties.

Alfred Galpin Kellogg, S.B., Brookline. A Design for a Museum-Library.

Lester Hazen King, S.B., Hartford, Conn. A Design for a Museum-Library.

Rolando Arnaldo Martinez, S.B., Havana, Cuba. A Study of the Relative Importance of Secondary and Primary Stresses in Common Types of Bridge Trusses.

Charles Alexander Robb, B.Sc., Wallace, Nova Scotia. The Design of a Producer Gas-power Plant, with Devices for Utilizing the Exhaust Heat.

Franz Schneider, Jr., S.B., Lawrence. On the Mortality Statistics of Industrial Hygiene in the United States.

John Calvin Sweeney, Jr., U.S.N., Paris, Tenn. Gasoline Engines for Naval Installation.

Kurt Vonnegut, S.B., Indianapolis, Ind. A Design for a Museum-Library.

Laurence Somerby Winchester, S.B., Reading. An Experimental Investigation of the Strength of Cedar and Chestnut Poles.

Candidates for the Degree of Bachelor of Science:

COURSE I. CIVIL ENGINEERING.

John Ahlers, New York, N. Y. A Design for a Sewerage System for Ashland, Massachusetts. (With R. A. Smead.)

Abbott Allen, Dorchester. A Design for a Highway Crossing over the Neponset River at Neponset, Massachusetts. (With E. S. Clark.)

(Continued on page 90, column 2.)