

THE TECH

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Friday, May 1, 1908.

COMMUNICATION.

This is the time of year when every college and technical school in Eastern U. S. and Canada is turning its attention to Northfield, the great objective. The 750 men who gathered there from our colleges last year, will not need a second invitation,—no one ever forgets Northfield. The Institute would not lag behind in its delegations if it were not for the unfortunate time of the conference and our very busy summers, but ignorance of the existence of such a large movement would, indeed, be a calamity. Summer conferences are evoking sincere and enthusiastic support from 200,000 of our fellow students in North America every spring and no sane Tech man would wish for a moment to be ignorant of so remarkable a movement. Furthermore, there is no need of it.

The matter will be ably presented in a brief talk next Tuesday evening at the Y. M. C. A. dinner by our State Secretary, Roger Benton Hull. There will also be plans of first importance to next year's work considered briefly but definitely.

Every Technology man who appreciates the force existing at Northfield, and who has a spark of desire to see the Young Men's Christian Association well launched on next year's work, ought to make a great effort to be at the Union Tuesday evening at 6.00 P.M.

The supper will cost 35 or 40 cents and will be over early. Notice of desire to attend must be given before 9 A. M. on Monday.

L. W. Brock, for the Association.

PHYSICS DEPARTMENT THESES.

Important Attempt To Find New Photometric Standard.

Valuable investigations are those being carried on in the physics department by candidates for degrees. Work is being done on a photometric standard, on constants for concrete and for pipe coverings, and on the production of titanium carbide.

J. K. Heydon, Course VIII is working on a new photometric standard. A carbon filament is surrounded by a platinum box and both are sealed in an evacuated electric light bulb. A current is then sent through the filament, heating it and the surrounding platinum. The measurement will consist in determining the electrical energy put into the filament and the candle power of the light emitted. The object is to see if on delivering a definite amount of energy the candle power is always the same.

A. H. Tashjian, A. B., is carrying on experiments on the thermal conductivity and the coefficient of expansion of concrete.

Clark and Spiehler, Course II are measuring the thermal conductivity of different thicknesses of magnesia-asbestos pipe covering.

J. H. Locke and R. E. Shirmer, Course VIII are working in the electro-chemical laboratory on titanium carbide. Their object is to produce the carbide in the electric furnace and to test its properties as an abrasive.

E. C. Story, Course VIII is working on the electrolytic reduction of aluminum in melted cryolite.

BIOLOGISTS HEAR TALK.

(Continued from page 1.)

great amount of work must be done, and the responsibility rests not only on the authorities, and doctors, but on the patient himself, and his family. The authorities can pasteurize the milk, filter the water, conduct a supervision of shell fish, garden truck and the so-called "spring" waters, and disinfect the sewage. In case of disease the physician should instruct the household in regard to cleaning and disinfecting and they should obey his orders. Thorough co-operation is necessary.

Mr. Whipple gave a number of instances illustrated by lantern slides, of the decrease in typhoid when the water supply was changed for the better, citing Newark, N. J., Jersey City, Lawrence, Mass., St. Louis, Mo., Albany, N. Y., and others, where filtering plants had been substituted for impure river water.

Speaking of Boston Mr. Whipple said that although the present conditions were satisfactory, they would not be so in the near future, and predicted that before long Boston would have to follow the lead of the other large cities and install a filtering plant.

EIGHT IN COMPETITION.

Men Working For Position of Second Assistant Track Manager.

Candidates for assistant track manager to the number of eight men answered the call of Manager D. C. McMurtre. The men were given a talk on the work and each assigned his share.

The competition promises to be keen as the successful man will stand a good show for the managership two years hence. The appointment as a result of competition will take place next fall.

The following freshmen reported: W. Rowe McCune, W. J. Seigman, W. Hildebrand, W. L. Coburn, K. W. Faunce, J. B. Cheney, L. G. Glazier, H. D. Williams.

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