

A CENTURY OF ETHER.

That Is What Professor Blake Says the Twentieth Will Be.

Professor Lucien I. Blake, of the Kansas state university, delivered his third lecture upon "Electricity and Its Modern Applications," at the Y. M. C. A. auditorium last night. Considerable interest has been manifested in these lectures ever since they were first begun, and is increasing with each lecture. About 250 persons attended last night.

The lecture treated largely with ether as a dielectric, and its properties in relation to electric and magnetic phenomena. Professor Blake said that the twentieth century would be known as the century of ether. That the great scientists of this as well as other countries were now turning their attention to the investigation of this subject.

That while, like electricity, its exact nature was unknown, its existence had been proven; that it was allied to electricity, to such an extent in its operations that it would lead to still greater discoveries, and make known to the scientific mind the exact nature of the substance. He said that light was only vibrations of ether; that the greatest light produced by artificial means consisted of four hundred million million vibrations per second; that in natural light there were seven hundred million million vibrations per second and that not until that number of vibrations could be produced would we have a perfect artificial light. He thought it possible that science would overcome the difficulties now in the way and accomplish this end.

He produced a number of very interesting experiments, among which were an induction current produced by a magnet, one cutting the lines of force, one showing the principle of the conservation of energy and many others equally interesting.