In 1908, a large explosion occurred in Tunguska in eastern Russia. The cause of the explosion is still under investigation, and there are many theories about it. Some people blame the asteroid impact on the Earth's surface for the explosion, while others blame the methane explosion. The reading believes that the methane explosion caused the explosion, while the lecturer believes that the asteroid impact was the cause of the explosion.

First of all, the reading states that there is no evidence that the asteroid hit the Earth's surface. The rocks that make up asteroids have high concentrations of nickel and iridium, which are easily detectable. However, so far no rock or material from the asteroids has been discovered at the site of the explosion. The lecturer argues that several witnesses reported a series of luminous battles in the sky and near the surface of the earth. According to an eyewitness, it was as if the sky split open, followed by a large explosion and strong winds, which broke the windows. The light from the sky signaled the arrival of an asteroid in the atmosphere.

Secondly, the author mentions that the locations of asteroids colliding with the Earth's surface have a large impact. Some people say that the asteroid collided with the lake, but researchers' research shows that the mud at the bottom of the lake dates back to 5000 years ago. Meanwhile, an area of forest up to 50 km away has been destroyed, and trees have been overthrown. Therefore, these results are more consistent with the effects of methane gas explosions. The lecturer states that no trace of asteroid impact has been found because the asteroids explode before hitting the Earth's surface. In addition, no rocks were found from the asteroid because they were either washed before the researchers arrived or the amount of these rocks was so small that they could not be identified. Also, up to 50 km from the blast, the trees were strangely damaged because the trees were still standing, and had just lost their branches, and the farther we got from the blast, the less damaged the trees were. This result is similar to the results of Russian simulations of asteroid explosions.

Finally, the author claims that there are many rivers, lakes and swamps in Tunguska, and is known for its high reserves of methane gas. According to one theory, there is a large concentration of methane underground, and it is released naturally by humans. It caused an explosion because some witnesses saw lightning in that place which could have caused an explosion. The lecturer believes that it is impossible for methane gas to be the cause of the explosion, because an explosion of this magnitude requires a large volume of methane gas, which is not found in this place. In addition, if the explosion was caused by methane gas, there should have been a fire, but there is no evidence for that.