

# Presentation

*on film:*

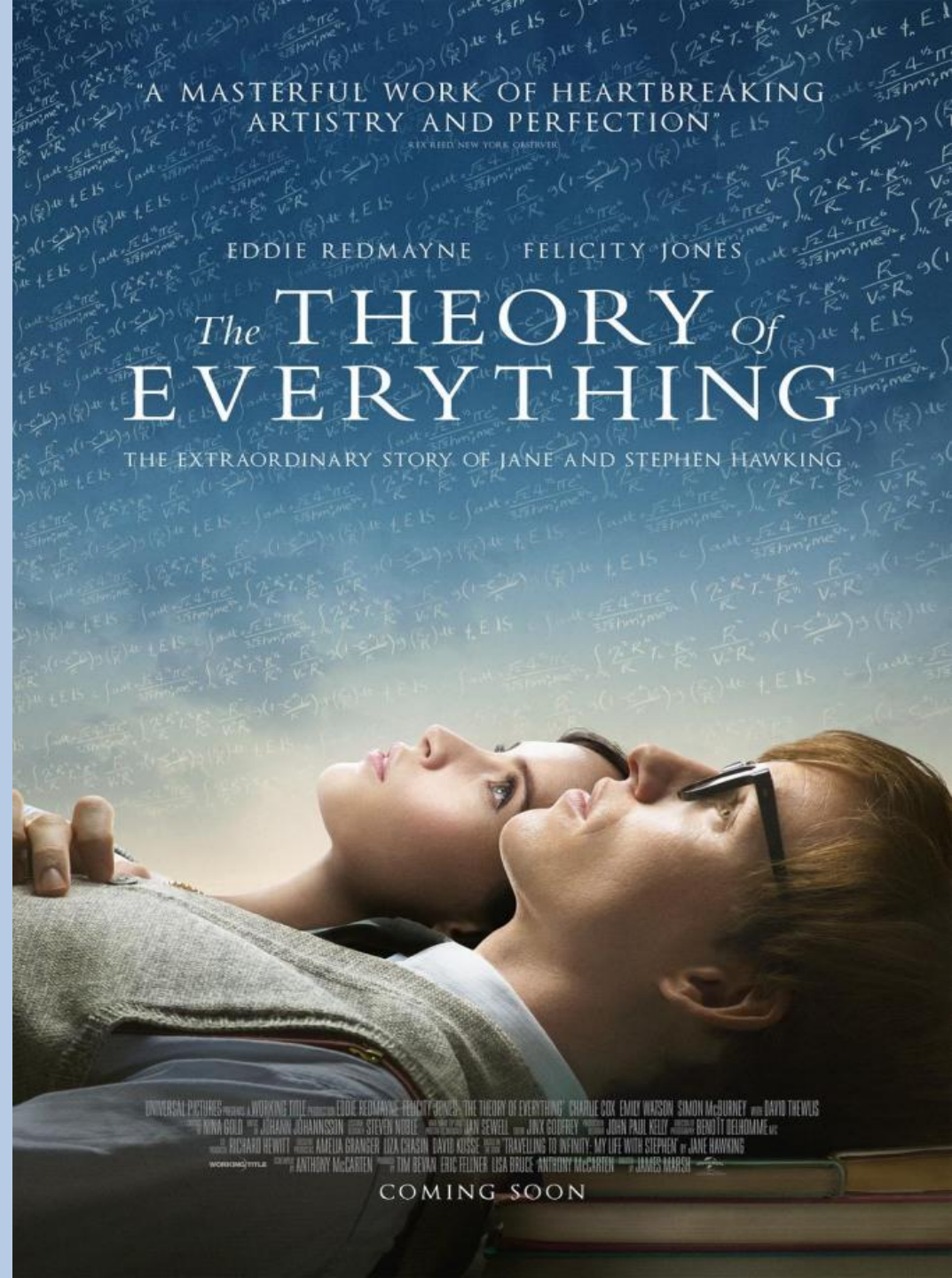
«*The Theory of  
everything*»

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by

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## film: «The Theory of everything»

- ***The Theory of Everything*** is a 2014 British biographical romantic drama film directed by James Marsh and written by Anthony McCarten. The film was inspired by the memoir *Travelling to Infinity: My life with Stephen* by Jane Wilde Hawking, which deals with her relationship with her ex-husband, theoretical physicist Stephen Hawking, his diagnosis of motor neuron disease, and his success in physics.





## The story and cast were filmed:

- The story of the physicist Stephen Hawking and Jane Wilde, the literature student he fell in love with whilst studying at Cambridge in the 1960s.
- In the leading roles- Eddie Redmayne as Stephen Hawking and Felicity Jones as Jane (Wilde) Hawking.
- The film received mostly positive reviews (including from "Guardian" and "York Post"). On the website Rotten Tomatoes, based on 141 reviews the film has a rating of 83 %. On the website Metacritic, the film received a score of 72 out of 100 based on 45 reviews from critics.



## Edward John David "Eddie" Redmayne.

He was born 6 January 1982 is an English actor, singer and model

Redmayne's film credits include *The Good Shepherd*, *Powder Blue*, *Savage Grace*, *The Other Boleyn Girl*, *Hick* and *Glorious 39*. He also starred as Osmund in Christopher Smith's supernatural gothic chiller film *Black Death*.

In 2014, he starred as Stephen Hawking in *The Theory of Everything*.

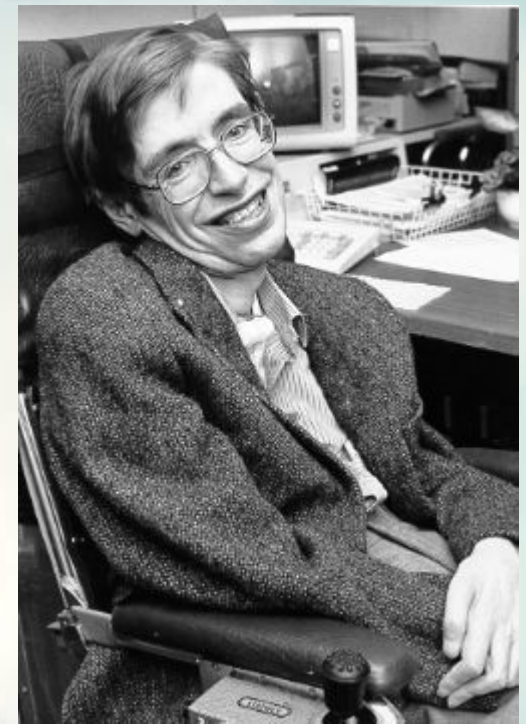
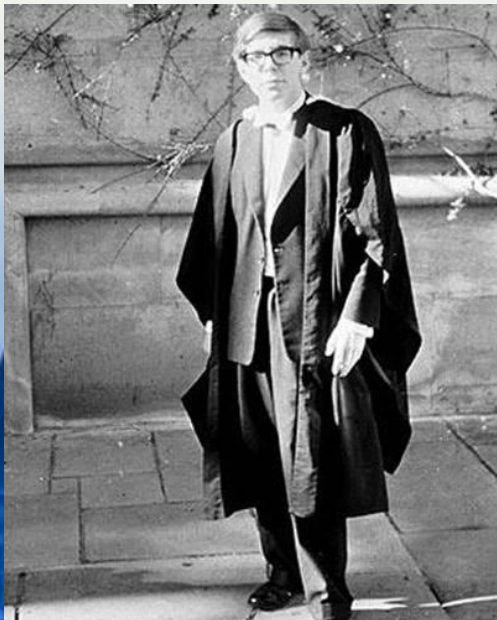




**The plot of this movie is based on the biography of Stephen William Hawking.**

Stephen Hawking was born on 8 January 1942 in Oxford, where he moved from London to his parents for fear of bombing by German aircraft.

He is an English theoretical physicist, cosmologist, author and Director of Research at the Centre for Theoretical Cosmology within the University of Cambridge.



Hawking at NASA, 1980s

In 1962 he graduated from Oxford University degree , and in 1966 in College Trinity hall at Cambridge University he received the degree of Doctor of Science. From 1965 Hawking works in the University of Cambridge.

# The theory by Hawking.

- The theoretical prediction that black holes emit radiation, often called Hawking radiation. Hawking was the first to set forth a cosmology explained by a union of the general theory of relativity and quantum mechanics. He is a vigorous supporter of the many-worlds interpretation of quantum mechanics.

His report concludes that the black hole swallowed distorts information, but do not destroy it completely. In the end, in the process of evaporation of a black hole information still pulled away from her embrace.



# Hawking' disease.

In the early 1960s, the Hawking began to show signs of amyotrophic lateral sclerosis( бокового амиотрофического склероза), which has led to paralysis. Doctors then believed that he left to live two and a half years. In 1985, Stephen Hawking was seriously ill, he had pneumonia. After a series of operations, he was removed trachea and Hawking lost the ability to speak. Friends gave him a speech synthesizer (синтезатор речи), which was mounted on his wheelchair. Some mobility kept only the index finger on his right hand Hawking. Subsequently, the mobility remained only in facial muscle cheeks, across which the sensor is fixed. With his help, physicist controls the computer, allowing him to communicate with others.

Despite serious illness, he leads an active life. April 26, 2007, he took flight in zero gravity (on a special plane).





# His wife.

Jane Wilde Hawking (born 1944) is an English author and educator. She is also known as the first wife of Stephen Hawking.

She married Stephen Hawking in 1965 and divorced five years later. She supported him through his health problems for many years, as he continued to work.

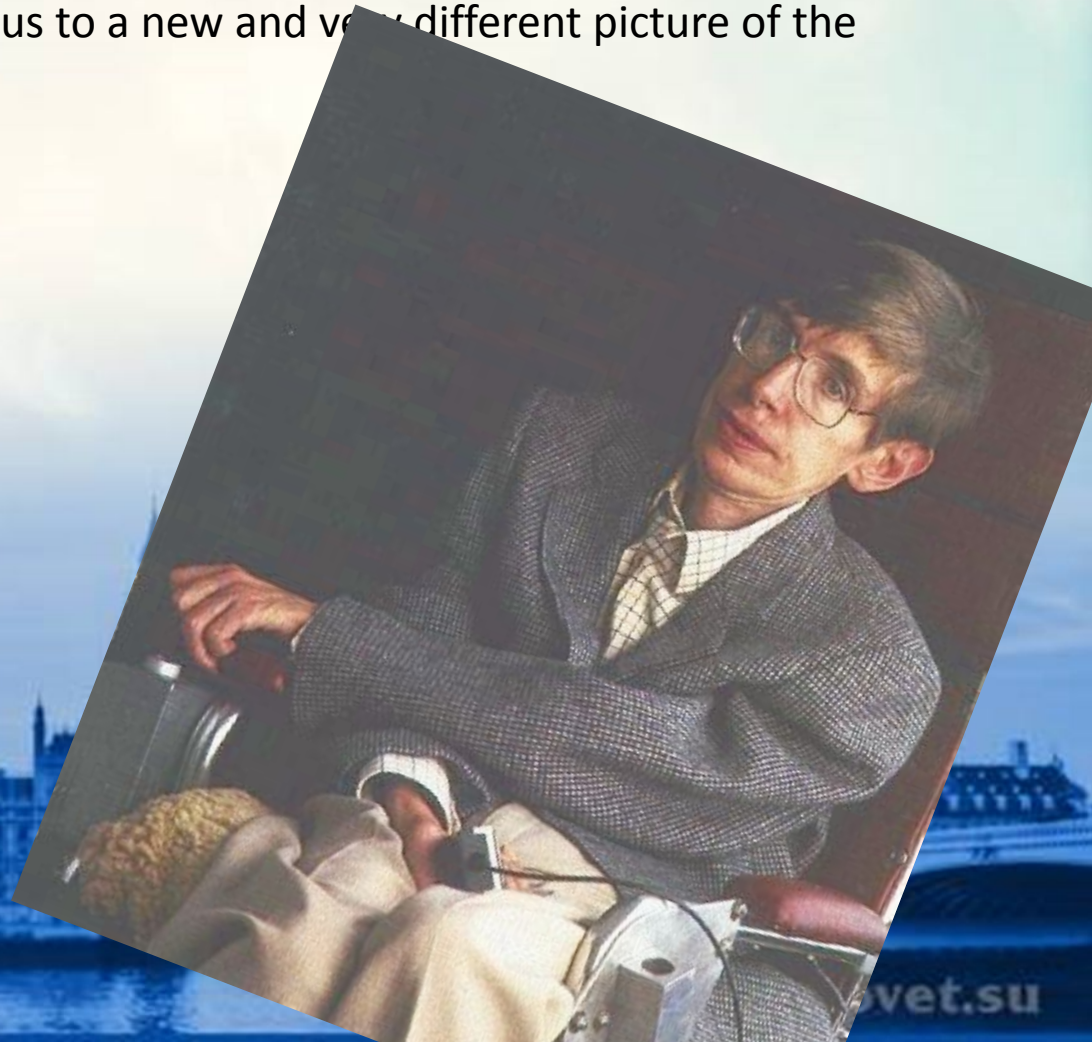




# Science vs. Philosophy.

At Google's Zeitgeist Conference in 2011, Hawking said that "philosophy is dead."

He said that philosophical problems can be answered by science, particularly new scientific theories which "lead us to a new and very different picture of the universe and our place in it«.



**Despite all obstacles, Stephen Hawking has become not only a great scientist but also a writer, and father of three children. Contrary to the prediction of the doctors, the scientist is still alive.**





In February of 2015s the film: «The Theory of everything» will be in Russia.

**The end**

**Thank you for your attention**

