



# The Essence of gravity.

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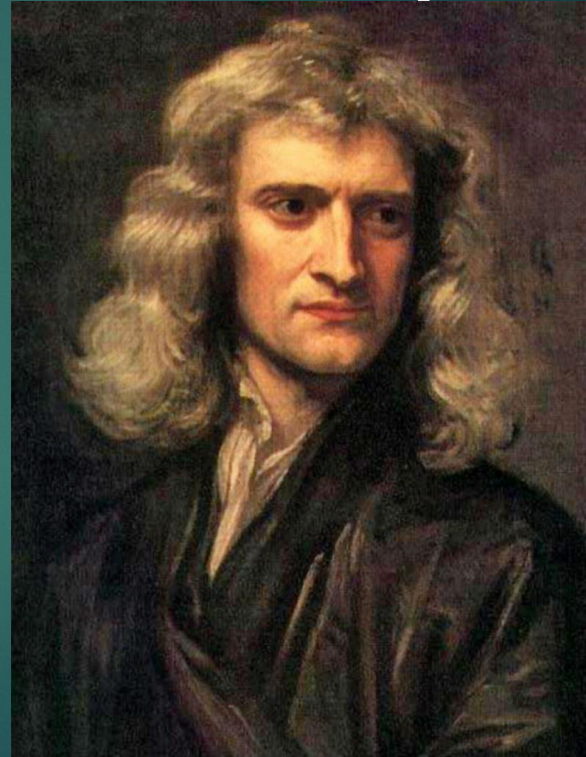
# Plan

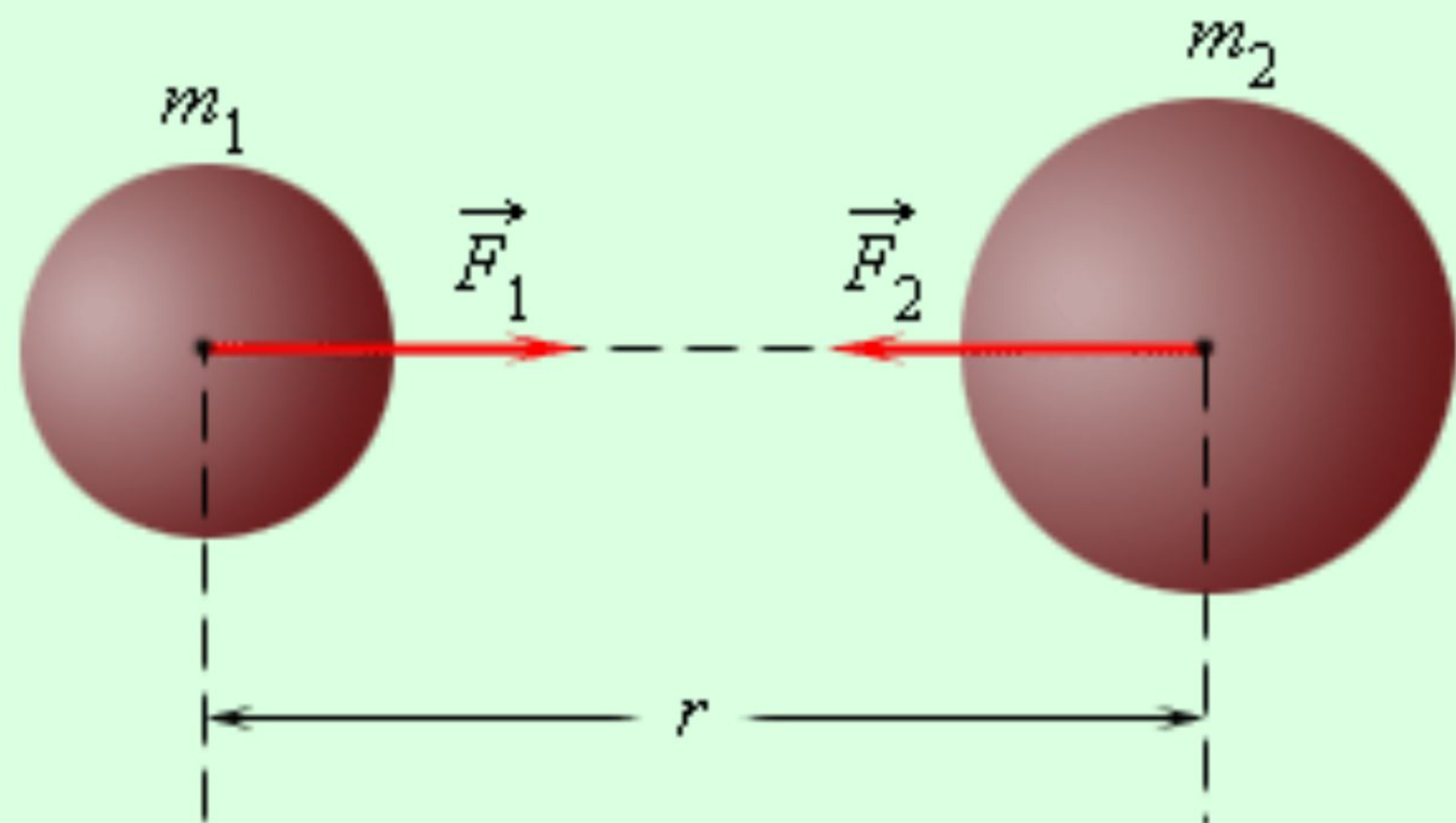


- Theory of Newton
- Theory of Einstein
- Black holes
- Importance of gravity in nature

# Newton's theory

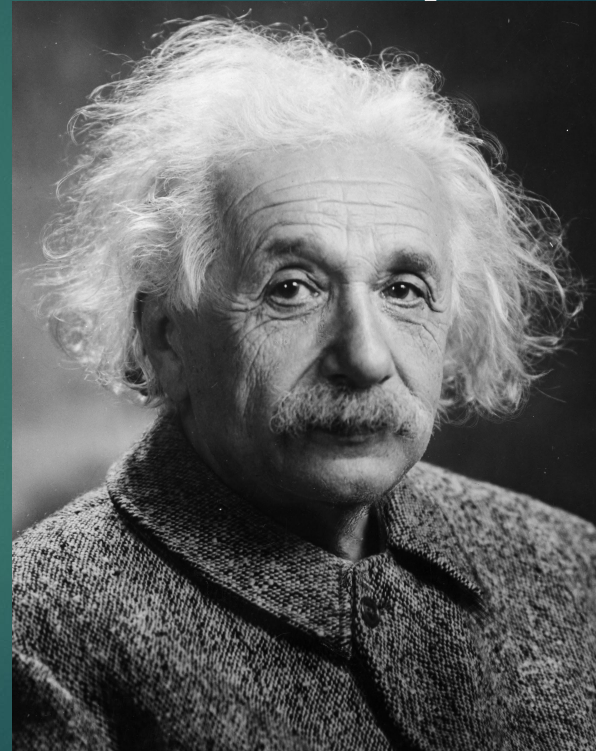
Newton said that force that make an apple fall is the same as holds planets on their orbits.



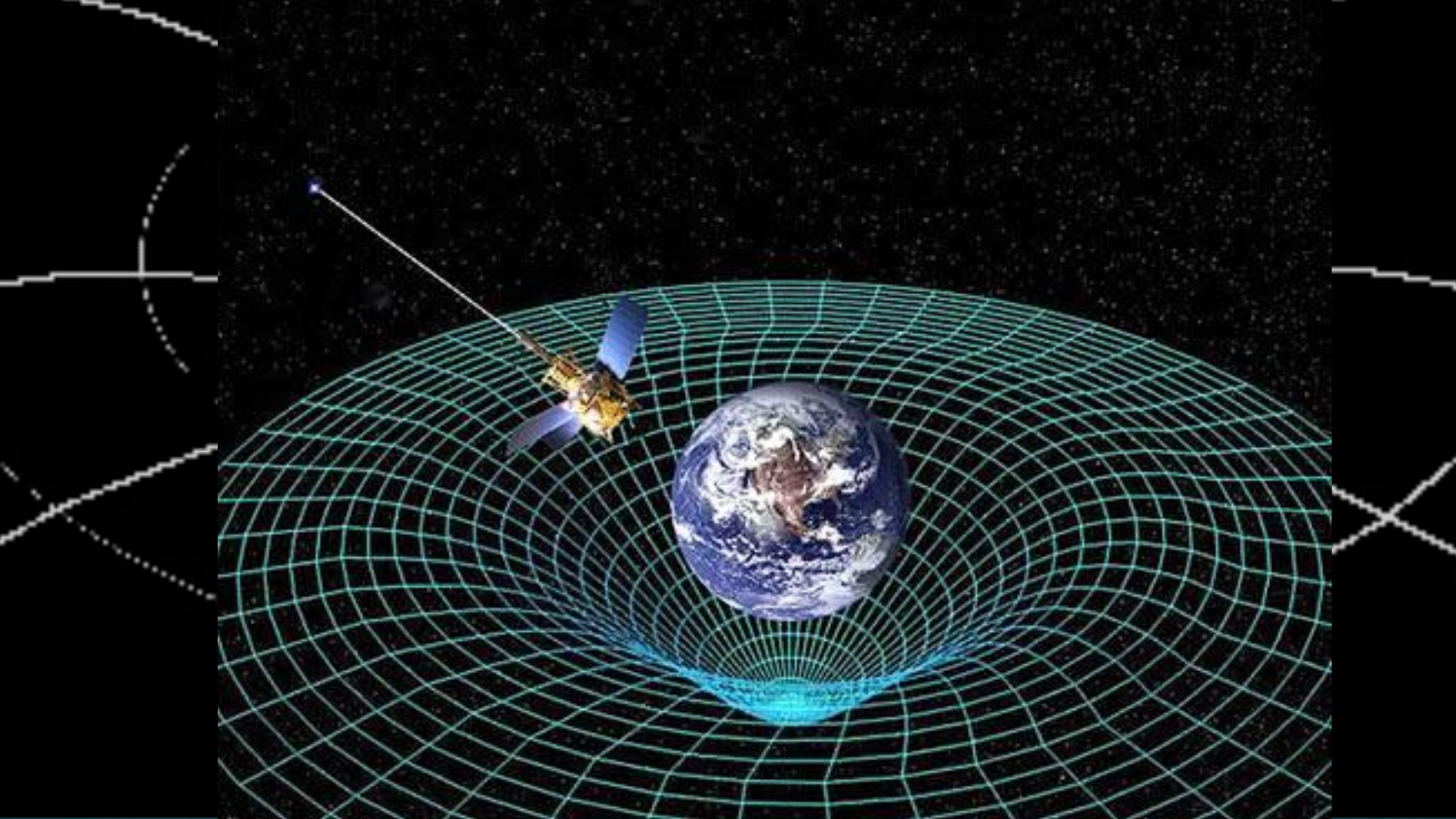


# Einstein's theory

Einstein extended Newton's theory and allowed us to consider fastly moving objects.



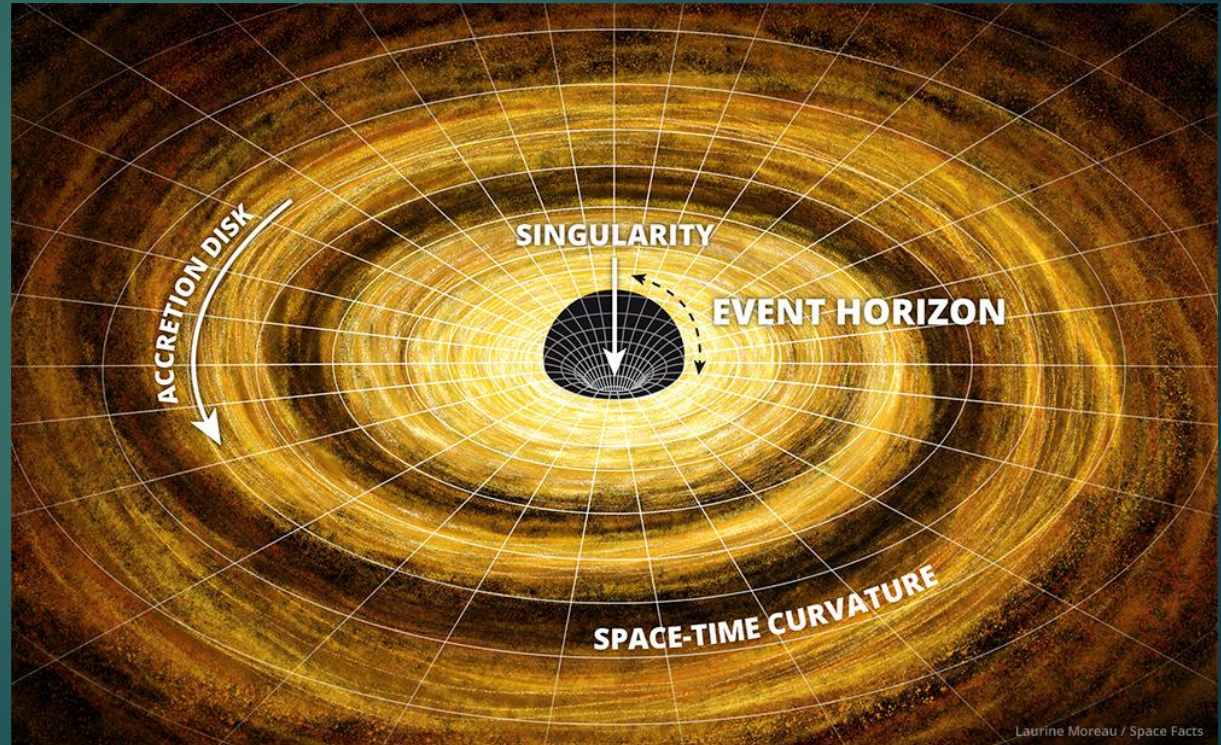






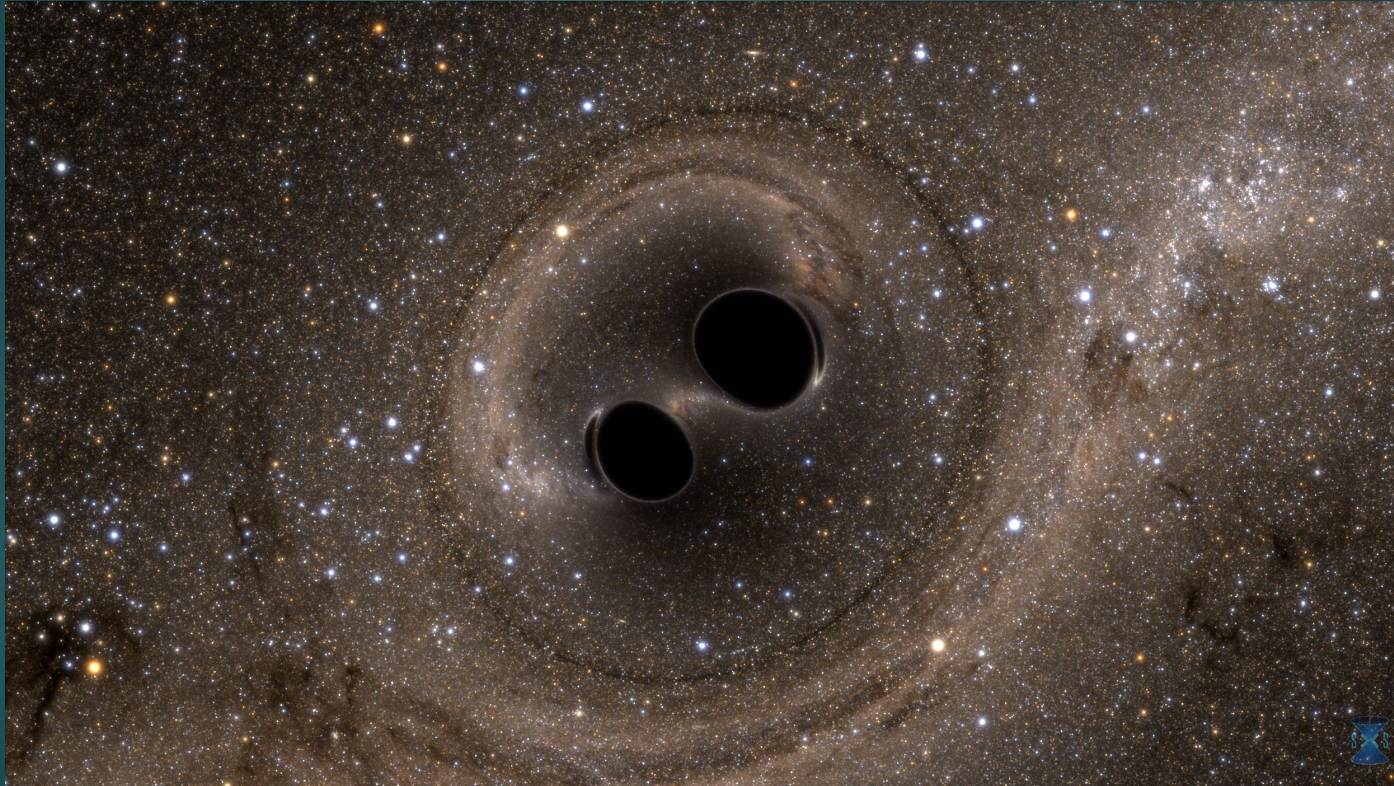
# Black holes are ...

Structure of a black hole.





# The merger of black holes





# Gravity is really



# Summary



- Newton's theory is nice but it's not enough.
- Einstein's theory is even better than Newton's.
- Black holes are supermassive objects and we can apply Einstein's theory to them.
- Gravitational forces are very crucial in nature.

# conclusion



**“Gravity must be caused by an Agent acting constantly according to certain laws, but whether this Agent be material or immaterial I have left to the consideration of my readers.”**

**Isaac Newton**

**“Most of the fundamental ideas of science are essentially simple, and may, as a rule, be expressed in a language comprehensible to everyone”**

**Albert Einstein**





Thank you for your  
attention!