

# Einstein's Gravity

## Why does the apple fall?

An interactive lecture about Einstein's general theory of relativity

In Newton's theory it is the gravitational force that makes an apple fall. In Einstein's theory, the reason is the curved spacetime. But what is a curved spacetime?

The lecture gives an entirely unique introduction to Einstein's theory of gravity – the general theory of relativity.



Computer and projector are used to highlight important points and to show animations. External loudspeakers for the computer are also preferable.

The lecturer Rickard Jonsson has a Phd in relativity theory. He is one of few that has done research on pedagogical explanations of general relativity.

The lecture takes about 45 minutes. No previous knowledge is required.

It is customary to gather the audience in a large lecture hall. The more the merrier.



Foto: Jan Yxel

Also, it tends to be quite entertaining :-)