## First document

## Sumit Ghosh \*

## September 2017

We have now added a **title**, *author* and <u>date</u> to our first LATEX document! In physics, the mass-energy equivalence is stated by the equation  $E = mc^2$ , discovered in 1905 by Albert Einstein.

The mass-energy equivalence is described by the famous equation

$$E = mc^2$$

discovered in 1905 by Albert Einstein. In natural units (c=1), the formula expresses the identity

$$E = m \tag{1}$$

The universe is immense and it seems to be homogeneous, in a large scale, everywhere we look at.



Figure 1: A galaxy

As you can see above, the universe is really beautiful!

<sup>\*</sup>only following the LaTeX tutorials by ShareLaTeX