













- *In 1632 published Dialogo sopra i due Massimi Sistemi del Mondo
 - ♦ this lead to a 'rigorous examination' by the Inquisition. Alleged to have said after his recantation 'E pur si muove'











- the body's mass. $\mathbf{F} = \mathbf{ma}$. Force is measured in *Newtons*, mass in *kg*, acceleration in *ms*⁻²
- ★ 3) If something exerts a force on a body, the body exerts back an equal and opposite force















courtesy http://www.mpa-garching.mpg.de

















- The Earth's rotation period is slowing, giving the Moon more energy. The Moon is receding. Eventually, a day will be as long as a lunar month, which will then be about 60 of our present days
- ✤ This is not the end of the story!









