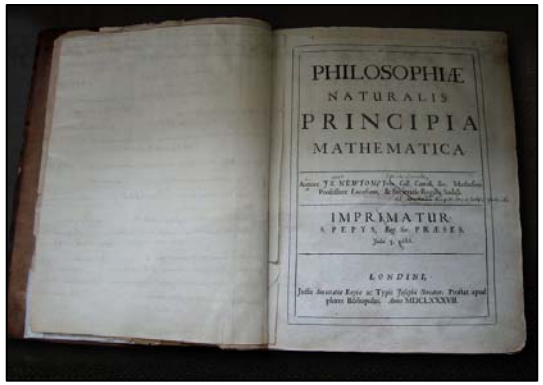
Today in Math History…

-10 September 1749

Emilie du Chatelet died of childhood fever. Ten years later her annotated translation of Newton's *"Principia"* was published. It is still the only French translation.



*The **Philosophiae Naturalis Principia Mathematica** ("Mathematical Principles of Natural Philosophy") is a three-volume work by **Isaac Newton** published in 1687. It contains the statement of Newton's **laws of motion** forming the foundation of **classical mechanics** as well as his **law of universal gravitation.***

*In formulating his physical theories, Newton had developed a field of mathematics known as **calculus**. However, the language of calculus was largely left out of the Principia. Instead, Newton recast the majority of his proofs as **geometric** arguments.*