World-class research supported by STFC

Click on the information boxes to learn how UK researchers have been playing a part in these groundbreaking projects.

**Planck space mission**
The European Space Agency’s Planck spacecraft was launched in 2009 to study and map the oldest light in our Universe.

*Read the case study at:* https://stfc.ukri.org/files/wcr-report/#page=6

**Gravitational waves**
In 2015 physicists made the first ever detection of gravitational waves, confirming a major prediction of Einstein’s 1915 general theory of relativity.

*Read the case study at:* https://stfc.ukri.org/files/wcr-report/#page=9

**SNO and T2K**
SNO and T2K are underground experiments designed to investigate how neutrinos change from one type to another as they travel.

*Read the case study at:* https://stfc.ukri.org/files/wcr-report/#page=12

**Isaac Newton Group of Telescopes**
STFC provides access to several telescopes around the world, including the Isaac Newton Group of Telescopes in the Canary Islands.

*Read the case study at:* https://stfc.ukri.org/files/observing-the-mysteries-of-the-universe-case-study/

**LUX-ZEPLIN**
Taking place one mile underground, LUX-ZEPLIN is a next-generation physics experiment, leading the search for Dark Matter.