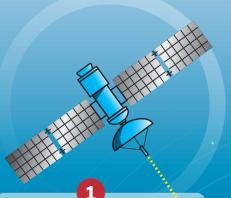
DTU Space - National Space Institute

Space is the starting point for our scientific activities

we conduct research and develop technologies



Earth Observation

Climate research e.g monitoring of sea and land ice in the Arctic and Antarctica, sea, lake and river water levels, land rise. Exploration of the Earth's magnetic field. We are world leading in several fields due to a unique interaction between science, technology development and applied research

We work in three main fields:



Exploring the universe

Exploring the early universe. The Solar system, Mars and Jupiter. The Milky Way, e.g exoplanets and star formation. Exploration of distant galaxies.



Technology development

Development of instruments and measurement systems for space crafts, satellites and drones, e.g for Earth observation, navigation, and positioning in space.



Tasks

- Establishing new knowledge through high quality research.
- Develop advanced space technology.
- Educate engineers and scientists.
- Give research based advice to Danish authorities.
- Create innovation based on cooperation with private businesses.
- Act as Denmarks representative in international fora, e.g SPC at ESA.

Partners

- ESA.
- NASA.
- National space agencies in e.g Germany, France and Japan.
- Danish and international high tech businesses, e.g Terma and GomSpace.
- Authorities ind Denmark, Greenland and the Faroe Islands.
- International universities, e.g California Institute of Technology.

Key facts

- Participation in more than 100 space missions.
- 165 scientists, technicians and support staff.
- 10 scientific publications a year.
- 300 enrolled in Earth and Space Physics and Engineering studies.
- 15.5 Milion Euro annual turnover.
- More than 50 years experience in space science and technology.

