

**Subject :** The Sun

**Lecturer :** Joten Okamoto (Solar Science Observatory)

**Outline :**

The Sun is one of our most familiar stars, and the only fixed star whose surface structure and activity can be observed in detail. It is a fascinating object with various unsolved puzzles, regardless of many scientific observations made to date. I will show the spectacular world of magnetic fields and plasmas with pictures and movies, and introduce the basic issues in solar physics.

**Learning objectives :**

- Solar surface
- Magnetic field of the Sun
- Issues in solar physics
- Operating instruments and future plans