

# NTNU Summer student internship

## Seismological research projects

**Goal:** Provide training in seismic data processing (in linux) and introduce you to some of the most exciting aspects of modern seismology

### **Possible projects:**

1. Investigation of trapped wave (seismic wave trapped in a low-velocity fault zone) in the creeping fault of Taiwan
2. Re-evaluation of the non-double couple sources in Taiwan

### **Details:**

The internship is designed for a student who has a background in geophysics and is interested in learning data processing. Research projects may involve the analyses of seismic data in a lab setting with the ultimate goal of producing results to be presented at a national scientific meeting. The student will gain:

- - Hands-on research experience
- - Improved observation and communication skills
- - Awareness of the diversity of earthquake research
- - Interaction with graduate students and research assistant who will serve as mentors
- - Opportunity to judge whether a career in research is right for you