

Baseline (geophysical) interferometer

2010.11.2

Plan

1. Two baseline-monitor interferometers (1.5-2.0km) along LCGT
2. Sensors and benchmarks for monitoring environmental condition

Targets

1. Baseline monitor for LCGT (Tides, microseisms, earthquakes, crustal deformation...in the middle of Niigata-Kobe Tectonic Zone)
2. Fault-creep monitor for the Atotsu fault
3. Deep interior of Earth (Monitoring Earth's free oscillations)

Environment-monitor sensors:

Thermometers, Barometers, Hygrometers, Broadband seismometers, Accelerometers, and Particle counters

