

Status of KAGRA Physical Environmental Monitors installation

Thursday 14 February 2019 18:00 (20 minutes)

We will report the progress and future prospect of the KAGRA Physical Environmental Monitors, which is called PEM.

PEM installation is one of the important task to join the O3 observation because they play a important role of the noise identification/hunting.

Also, because KAGRA is a underground/cryogenic experiment, the environmental information will be a important information for the future GW detector.

We installed the accelerometers, microphones and magnetometers to PSL room, optical tables and so on and measured the acoustic field and the magnetic field.

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