

Date:

Video/Speaker Observation Form

Video Title/Speaker: LIGO listening to gravitational waves

Subject summary: Caltech/ JPL created two very precise measuring devices that measure small fluctuations in the shape of the earth. These fluctuations are caused by gravitational waves which prior to this device were thought to only be theoretical but now we know they are real. These devices have two arms and each arm is 4 kilometers long so these things are huge.

Coollest thing you learned: Now we can Listen to things in the Universe. I think this is cool because its kind of like a space microphone. Now we need a space speaker and we can talk to other things that are farther out maybe.

What you disliked: I didn't like that earth moves and ripples. That kind of scares me.