Eaglebots
Oak Grove High School
romanoffj@esuhsd.org
408-347-6541
285 Blossom Hill Road
San Jose, CA 95123

Robotic Triggered Sound Waves

One of our students demonstrated how sound waves behave using a guitar string for his AP Physics project requirement.

Our showcase will demonstrate how a robot (one or more) can be used to trigger the sound waves for a scientific study. We will use the scientific method to demonstrate the experiment to prove or disprove the hypothesis.

Botball kit sensors will be tested to determine their appropriateness to the experiment.

The students will write an IC computer program to assign a task or tasks to each robot involved in the experiment.

The display will look much like a sophisticated Science Fair Project.