

Third Laureate Applied Research

◆ **Project title:** Labroatory Equipment for high acceleration production and test

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Abstract:

Research, development and knowledge production requires advanced Laboratory equipments, although, computer simulation can help to some extent but theory must always be checked against experimental data.

In this project a laboratory tool to help designers and manufacturers test non-destructively mechanical and Electronic devices through high-g accelerations, has been designed, built and tested; hence reducing cost and helping to identify design and manufacturing problems.

This device is simple and native yet allows collection of experimental data during test performance.