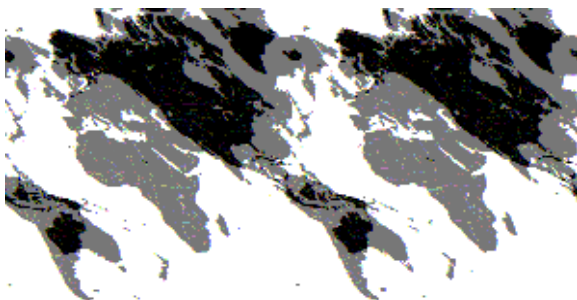

The Future is now



Right now we are working on developing new technologies which implement HP Mobile Devices. We are planning on creating virtual laboratories for our experiments which will allow students from every part of the world to access our Labs with the sole need of a regular Computer with Internet Access.



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Universidad Simon Bolivar
Caracas, Venezuela

**MODERNIZATION OF THE
PHYSICS LABORATORY
BY USING
HP MOBILE TECHNOLOGY**

**2007
U.S.B.**

OUR UNIVERSITY is focused in sciences and engineering. We teach at technical, graduate and post-graduate level. About 80% of the students must attend the physics laboratories.

OUR PROJECT is based on exploiting all the benefits of HP mobile technology to modernize the Physics Laboratories of Simon Bolivar University. We will reduce the time spent on data gathering, so the students will be able to pay more attention to the physical phenomenon rather than the difficulties associated with measurements. The project will enrich the minds of students by means of this new technology, and at the same time they will get not just better results, but a better understanding of the Physics.

Many Projects will be Involved:

25 experiments are in process of modernization, all of them will use the Hp TabletPC with direct link to measuring

devices. For the year 2007 and thereafter more than 1200 students (per year) will be taught using this new technology.

The U.S.B. is interested in promoting the use of this technology. That's why we hope to obtain more support to implement 2 or more Laboratory Classrooms in order to involve more students. Experiments like Newton's Rings are part of most Engineering studies in the USB.



Stationary Acoustic waves and Resonance



We are obtaining:

- Faster learning process
- Deeper Understanding of phenomena
- Better Calculations and Results
- Application of new Technologies
- Preparation of students for future technologies