IOP Institute of Physics Ireland

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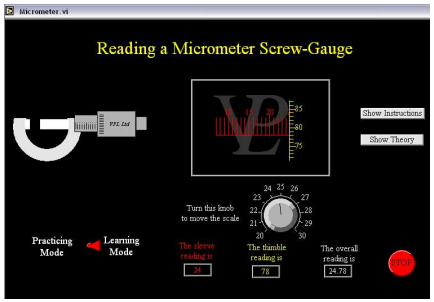
# *The Virtual Physics Lab*

## *for JC Science and LC Physics*

**Tues 31st March 7-9pm**
**Belvedere College SJ, 6 Great Denmark St.**
**Dublin 1 D01TK25**

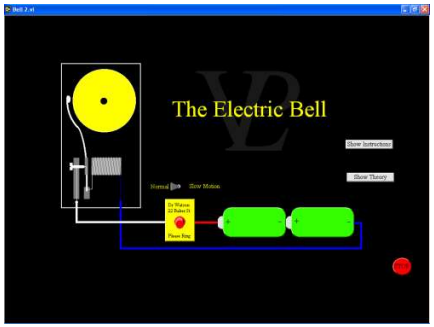
***"From a lens to a nuclear power station"***

The Virtual Physics Laboratory is a suite of over 380 simulations and experiments developed by the National Physics Laboratory in conjugation with the Institute of Physics.

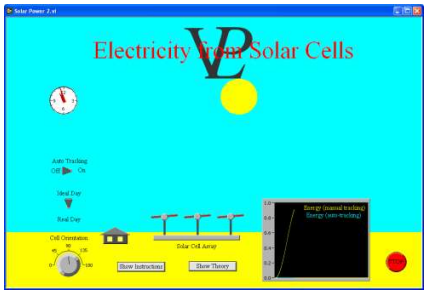



**Over 70 of these experiments can be used for Junior Certificate Physics and Maths**.

Dr John Nunn has spent thousands of hours developing the resource. The simulations are not intended to replace practical work in a school laboratory. This software library serves to illustrate and animate most of the topics taught in most modern physics curricula.




Each experiment comes with on screen instructions and background information. Where possible the experiments are based on "real world "parameters. Results obtained reflect real values.




The experiments have been authored in LabVIEW and so the simulations are very compact and can be run from CD, memory stick, or over a school network.

The collection does not need the use of an internet connection

The Institute of Physics in Ireland is delighted to distribute this valuable resource free of charge to Irish physics teachers.

**In order to receive a copy you must attend a demonstration training session.**

By registering for the software you will receive updates and new simulations.

Some quotes from Irish science teachers
*"A very valuable teaching resource"*
*"The sound generator and analyser is excellent and an be used instead of traditional expensive equipment"*
*"I really like that all the experiments are in the one place and internet is not needed"*
*"This library will enhance my classes and improve my teaching"*
*"Many thanks to IOP-This software is worth hundreds of euro*

**LIMITED PLACES BOOKING IS ESSENTIAL**

Book HERE

***Please note there is no car-parking at the college. Nearby car-parking is available in the area***.