

Low-Cost Experiments in STEM Education



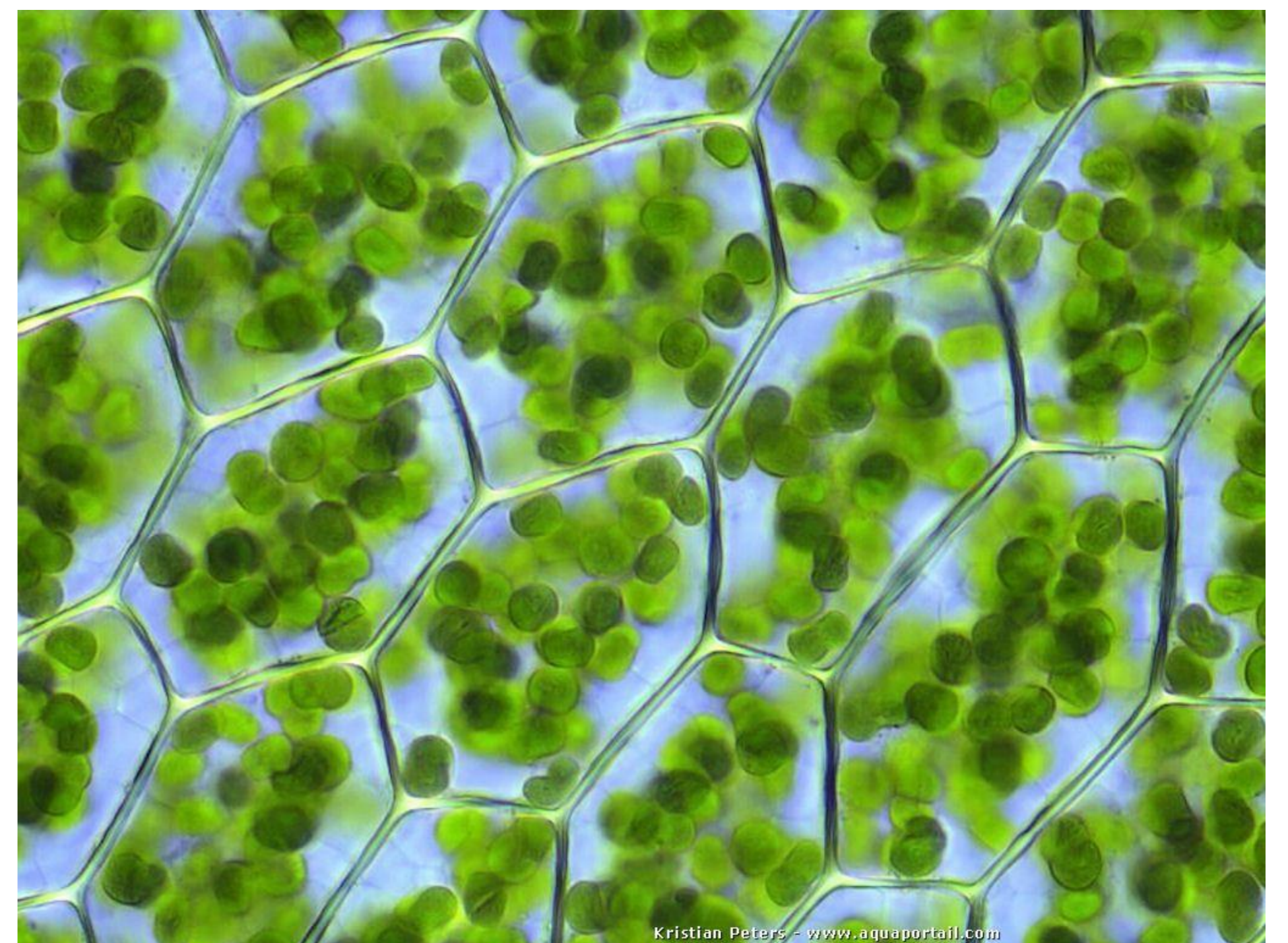
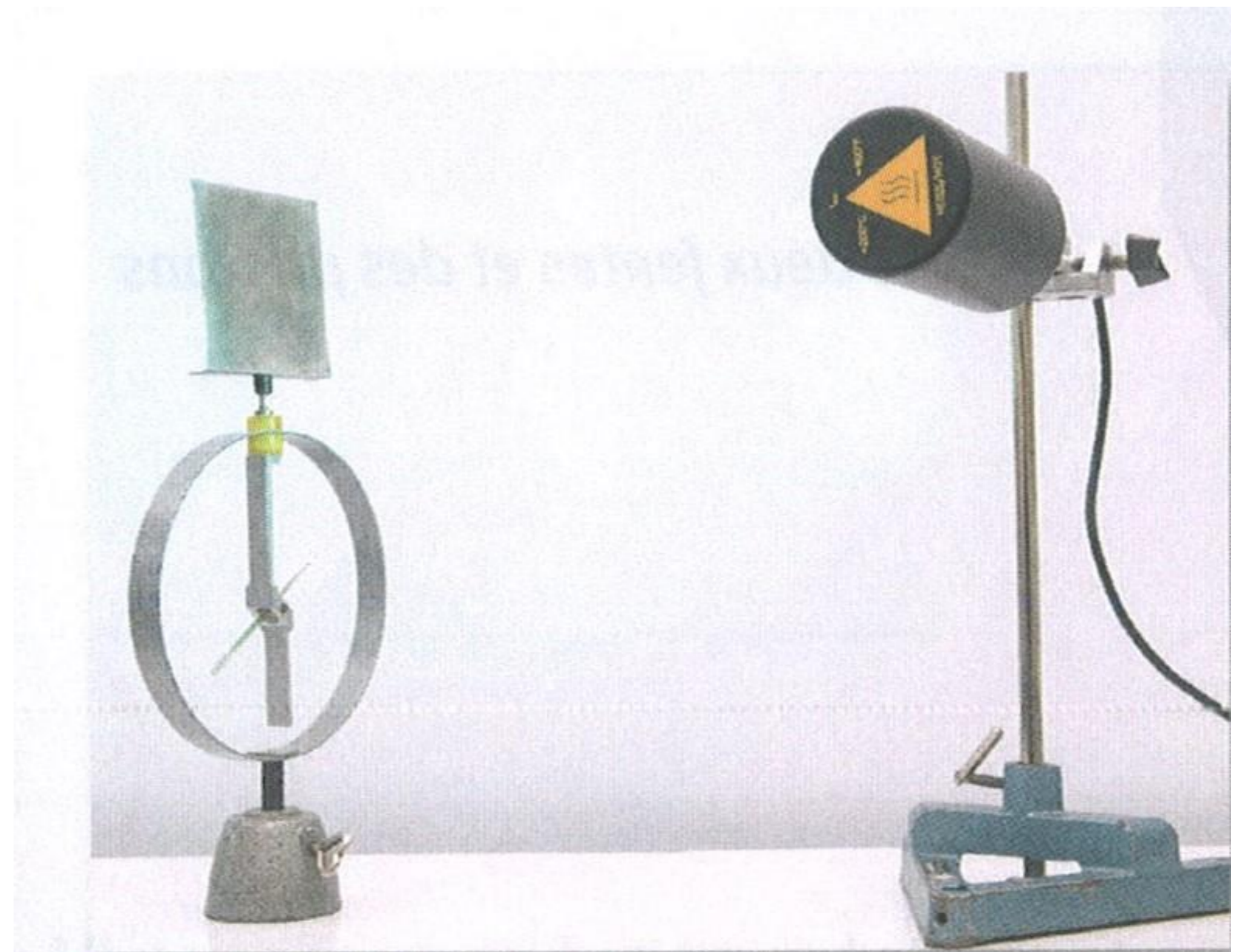
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From the photoelectric effect to photovoltaic panels

The energy transition is a topic that is currently being debated in many countries.

Since our main source of energy is the sun, the transformation of its radiations into secondary energy is paramount.

One option, the photoelectric phenomenon, was first described by Hertz (1887) and then by Einstein (1905). The appearance of the first photovoltaic cell (1954) led us to a huge potential for electricity production.



In a near future, it would be rather interesting to see the opportunity to build solar cells based on chlorophyll.

There is no “B” planet...