

Volta's Electrophorus

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Some background

- I spoke about EPF to the National Congress of Italian Physical Society
 - There was much interest and some questions
 - How can the Italian teachers access this body of knowledge ?
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On the Web...

- You can find nearly everything, but...
 - It is not structured
 - It is in English
 - Some information are misleading
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The Volta's Electrophorus

- A simple experiment
 - Requires some tricks
 - ... as always ...
 - The concepts it involves go well beyond its simplicity
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A test bed

- I used this experiment to do a “proof of concept”
 - The actual experiment
 - A multimedia that can be
 - Easily translated
 - Used by teachers to understand how to duplicate the experiment
 - Used by teacher to explain the physics behind with a whiteboard
 - Asks some questions, proposing experimental work
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The aim

- To build a library of “multimedia recipes” in different languages on various experiments
 - Next one: the Leyden Jar “Brazilian flavour”
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