

Social event : visit of the Palais de la Découverte

The Palais de la Découverte, displays physics experiments to the public since 1937. We will have a special visit, targeted towards scientists, with a tour showing the most spectacular experiments, that most of us have only seen in textbook or on youtube. If you are looking for reasons to come, here is a non-comprehensive list :

- Some of us know single photon interferences with attenuated light pulses pretty well, but it is always nice to them displayed in a museum;
- We rarely have the occasion to witness nuclear transmutations. The museum has a deuteron accelerator to perform this;
- If you have high voltage generators (up to 1.5 MV) in your lab and don't know what to do with it, you can gather some idea of thunderbolt based light shows, or just enjoy spectacular electrostatic and electromagnetic experiments. This also includes the "levitating barbecue" demonstrated on youtube by Veritasium;
- If you've always wanted to experience the Coriolis force $\Omega \times v$, you'll just have to move at speed v , the Palais will provide the rotation Ω ;
- Of course, you want to know what is missing on this list, beyond the Chladni figures, cloud chambers, the effect of sulfur hexafluoride on your voice. The best way to know is to come !



"Cage de Faraday" by Antoine Taveneaux. CC-BY-SA 3.0
http://commons.wikimedia.org/wiki/File:Cage_de_Faraday.jpg

There is a limited number of visitors, so write your name down at the registration desk if you want to come.

Then meet us at the Palais de la Découverte (Métro Champs Élysées-Clémenceau, Franklin D Roosevelt or Invalides) on Wednesday at 2:30 pm.

A group departure from Telecom ParisTech at 1:45 pm will be organised

