

Lecture Review

Yesterday, we discussed how abstracts are judged. Special attention was given to the way scientific knowledge is generated and disseminated focusing on the position of the abstract in that process. In particular, we saw that a scientist is both creator and judge; it is his peers that he must communicate and be held accountable to. For example, if a scientist plagiarizes a work, he is committing a grave injustice against his group and will be ostracized from that group.

Relevant Websites

<http://goo.gl/RGZDOOr>

<http://goo.gl/TIhQMX>

<https://goo.gl/8eRDvG>

Relevant Videos

<http://goo.gl/wl7oyv>

Homework Three

Having performed a group “judging” of submitted abstracts during yesterday’s class, and have seen the issues involved with each abstract, you now understand the importance of “sound”, “format”, and “pattern recognition” in having your research accepted by the community.

As such, we will practice writing an abstract to the APPC12 (The 12th Asia Pacific Physics Conference) by using their given template (<http://goo.gl/RGZDOOr>). **You will now look at a different physics simulation than that analyzed in Homework Two** (using the list given to you for Homework One) and develop an abstract that:

1. Introduces the theme of the simulation (what is the simulation trying to teach).
2. The methods used by the simulation to teach the theme.
3. The results of your analysis (does it do a good job in teaching the theme).
4. And a brief discussion as to the merits or demerits of the simulation.

Submission is to be done electronically (either MS Word or PDF), via OCW, no later than 12:00 Friday, 6 May.

For Next Class

For 11 May, please make sure to bring your laptop and journal notebook. We will judge the 6 May submissions; looking to fill 5 speaker slots and 4 poster slots.

(If you have any problems accessing the above websites or videos, please let me know).