

CERN Summer Experience

Romnick Mislang

NIP (TPG)

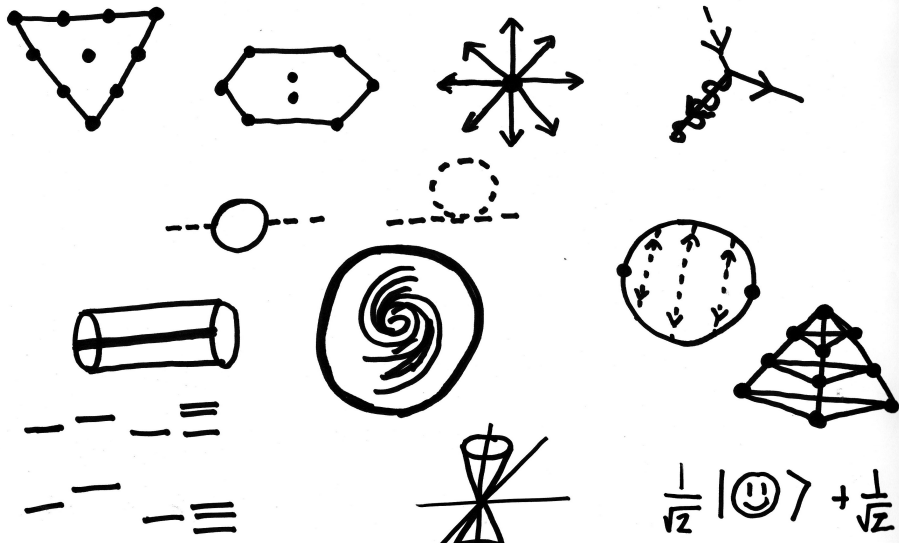
Adviser: Caesar Palisoc Ph.D.

First of all, I didn't take any photos during my stay.

Once upon a time, there was a student who traveled to CERN who didn't yet know that fundamental interactions are being described (nearly) by a Lagrangian Density that is invariant under the transformation from the group $SU(3)_C \times U(1)_Q$ with Higgs Mechanism. It is built in a quantum world with consideration of all physical principles and experimental facts .

BUt what he knew back then was that he was wandering around

The Beautiful and Cold World of Particles



First Day

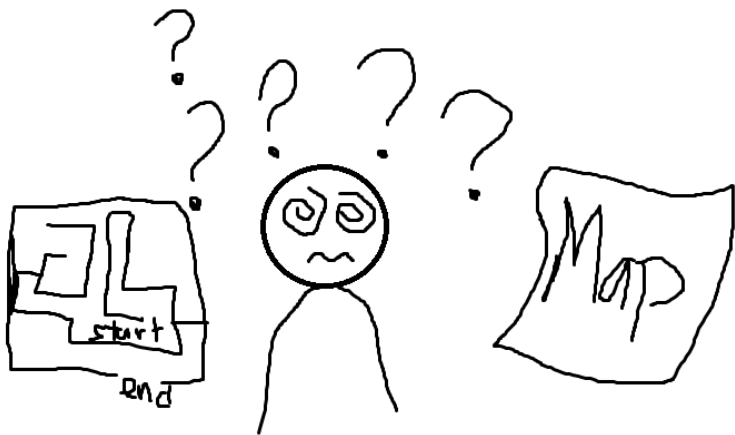


Figure 1 : I was confused on my first day.

Party



Figure 2 : I was lonely during the party.

Place

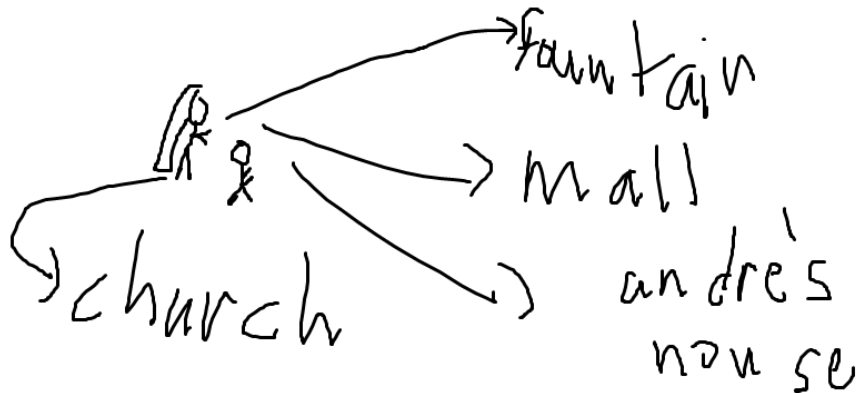


Figure 3 : Romnick and Anna wandering around.

Lecture

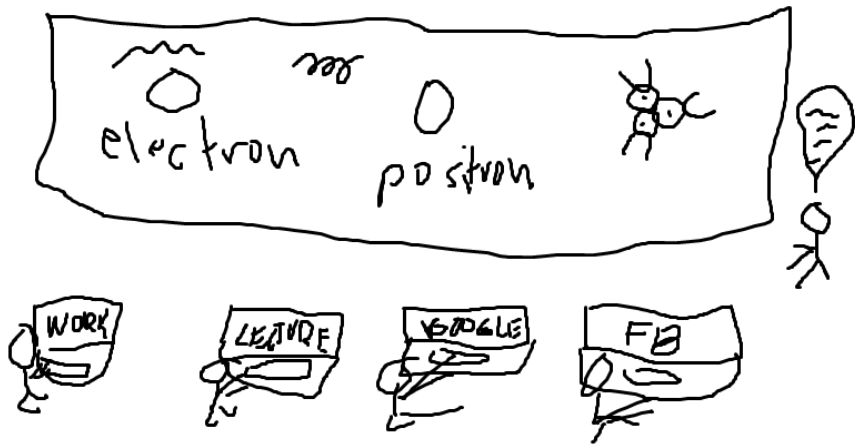


Figure 4 : Very inspiring lectures.

Research Project

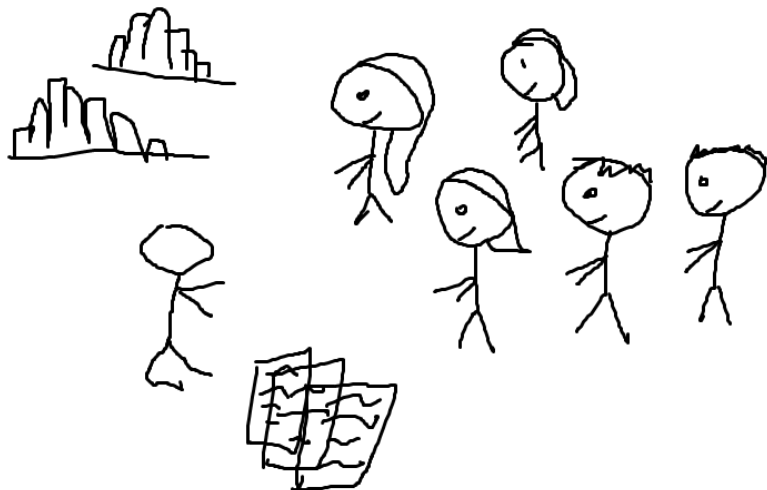


Figure 5 : CMS Tracker Characterization.

Friends



Figure 6 : Very Few Friends

Exploring the Map of God

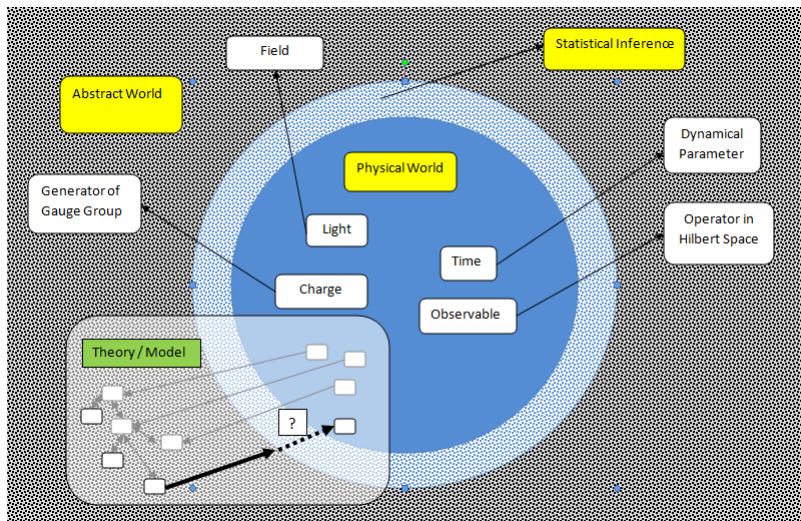


Figure 7 : Map of God

References

1. Motl, L. (January 20, 2013), *Mapping all possible physical theories*[Blogpost], <http://motls.blogspot.com/2013/01/mapping-all-possible-physical-theories.html>
2. Hooft, G., (2009) , *HOW to BECOME a GOOD THEORETICAL PHYSICIST*, <http://www.staff.science.uu.nl/hooft101/theorist.html>
3. Kane, G. (1995), *The Particle Garden*, New York City: Perseus Books Group.

Thank You

Nature doesn't care about us.

1. It doesn't care about the number of citations of a paper.
2. It doesn't care about the researcher's identity.
3. It doesn't care if you can't find an application of all ideas it offered.
4. It doesn't care about our concept of beauty.

But Nature doesn't just throw away principles and ideas that have worked before.

You have one life. If you get it right, you get it right.