



Leukerbad

ACEOLE End of Project Meeting

Sarah Seif El Nasr-Storey

15th September 2012

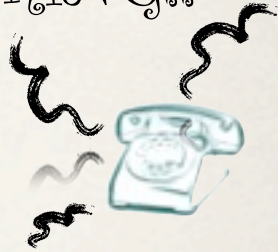


*One spring
Vancouver day.....*



Me!!

RRRING!!



Somewhere at CERN.....

*Tell us a little
about yourself*

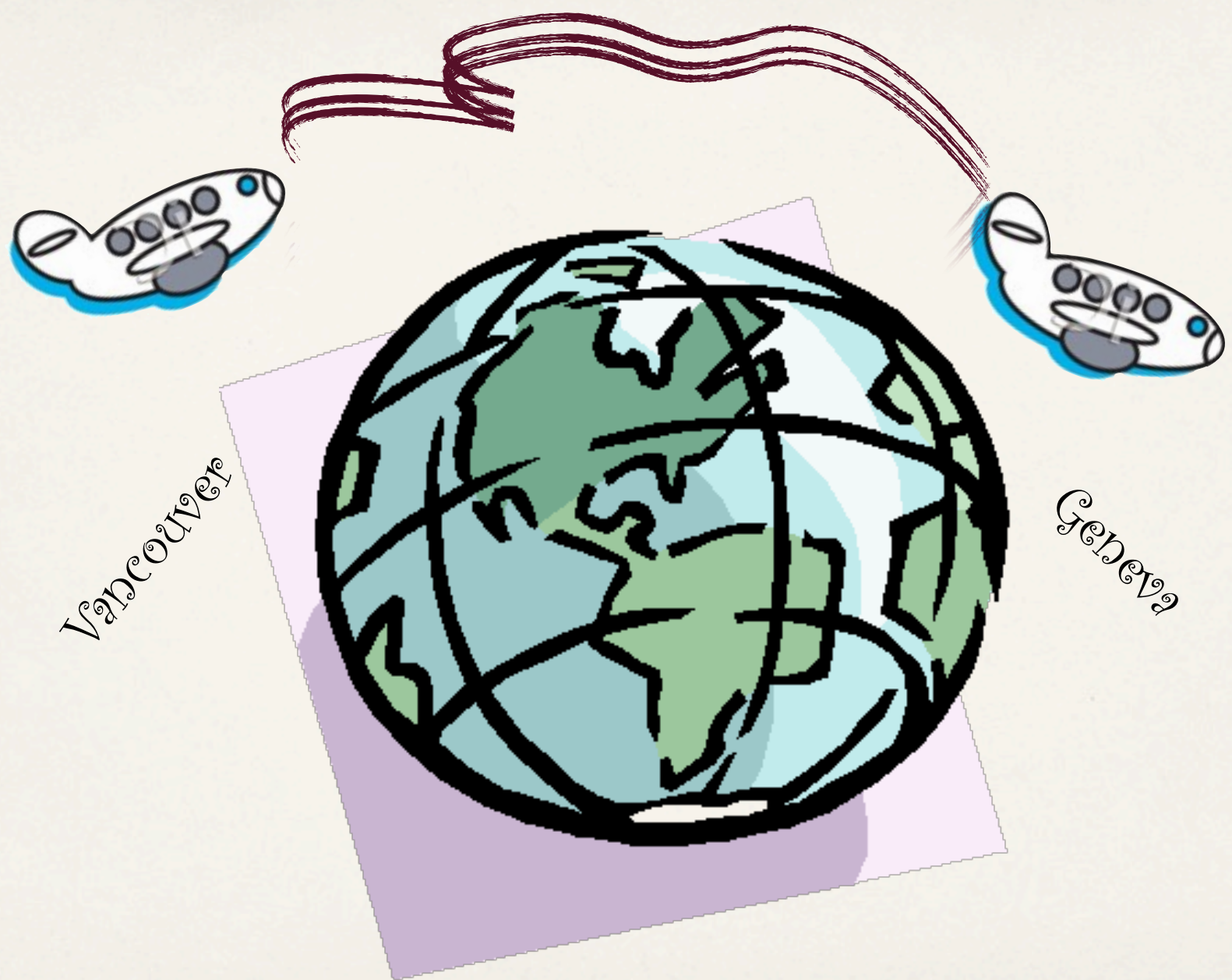
*What experience do
you have with hardware?*



Phew!!

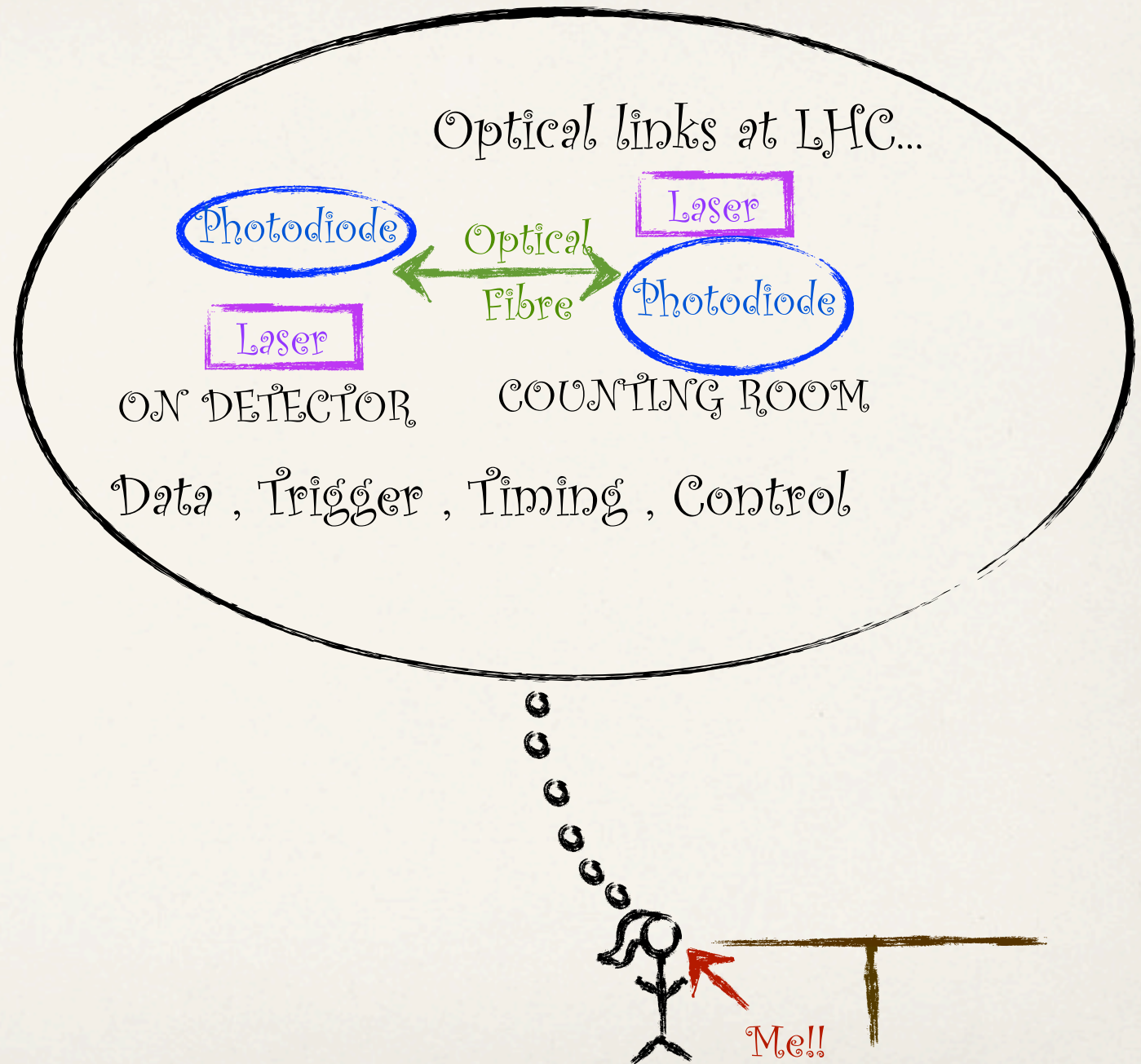


A few months later...



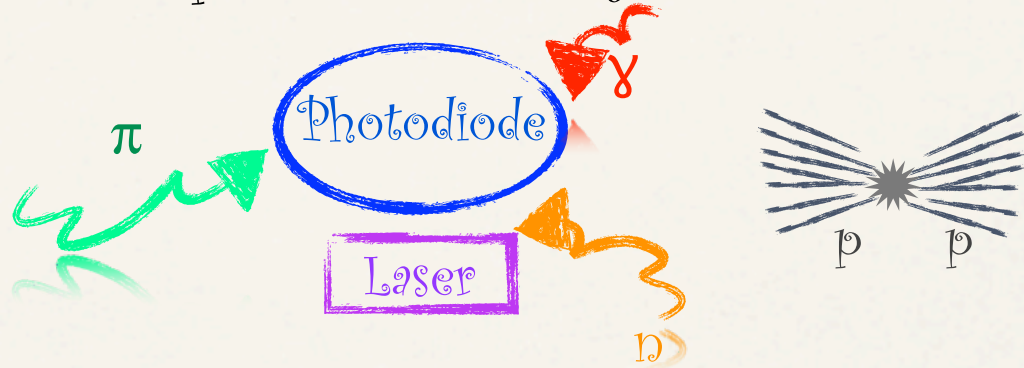
My ACEOLE journey begins...

Day 1 in 14-1-017...

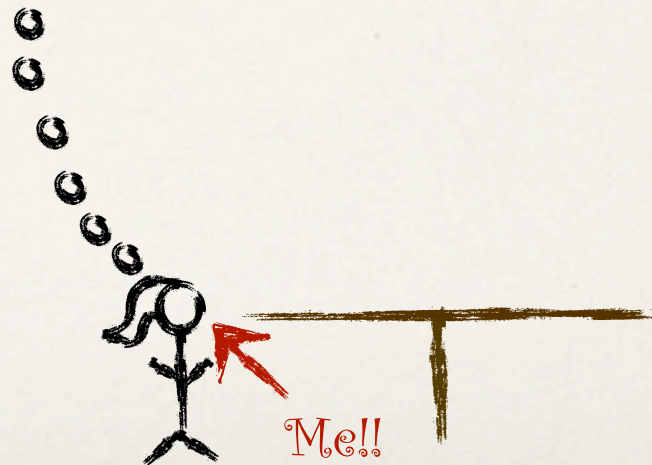


sometime after that...

For the links used by the LHC experiments today ...

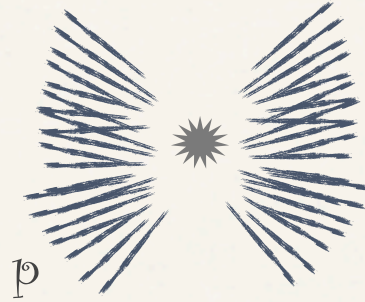


Radiation + Electronics!



even later....

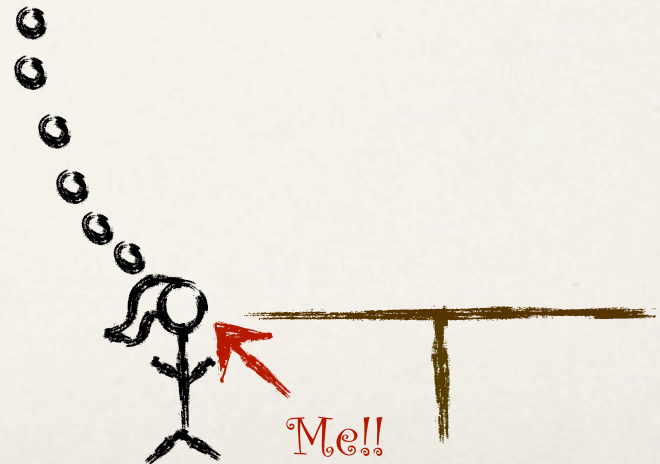
In 10 years with HL-LHC



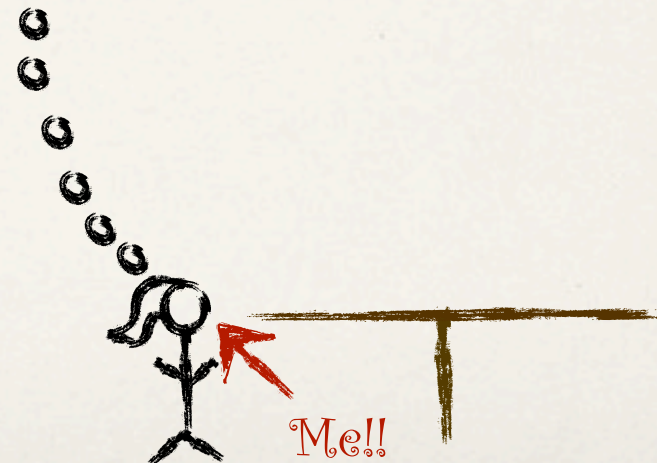
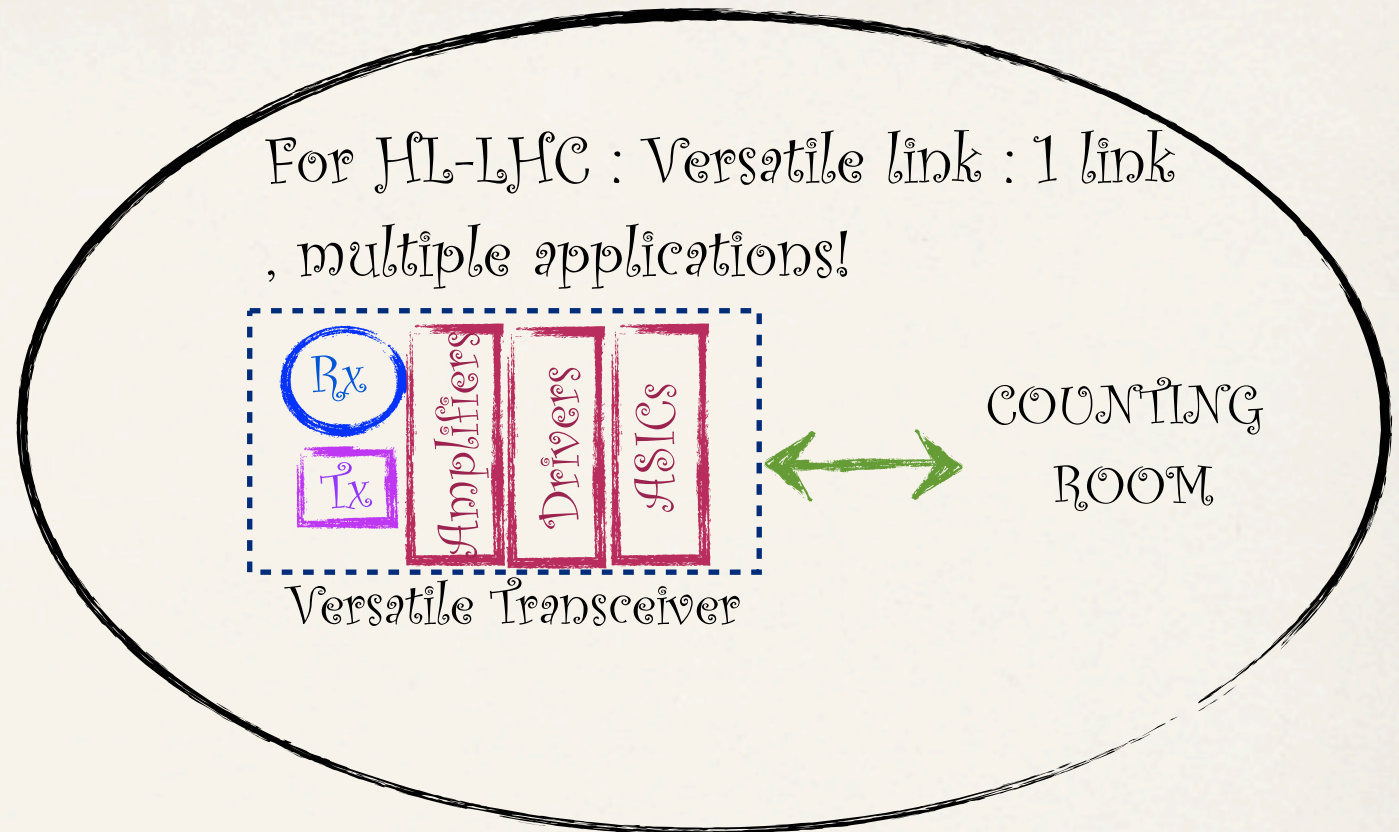
10x luminosity!!

More DATA!

..and more radiation.



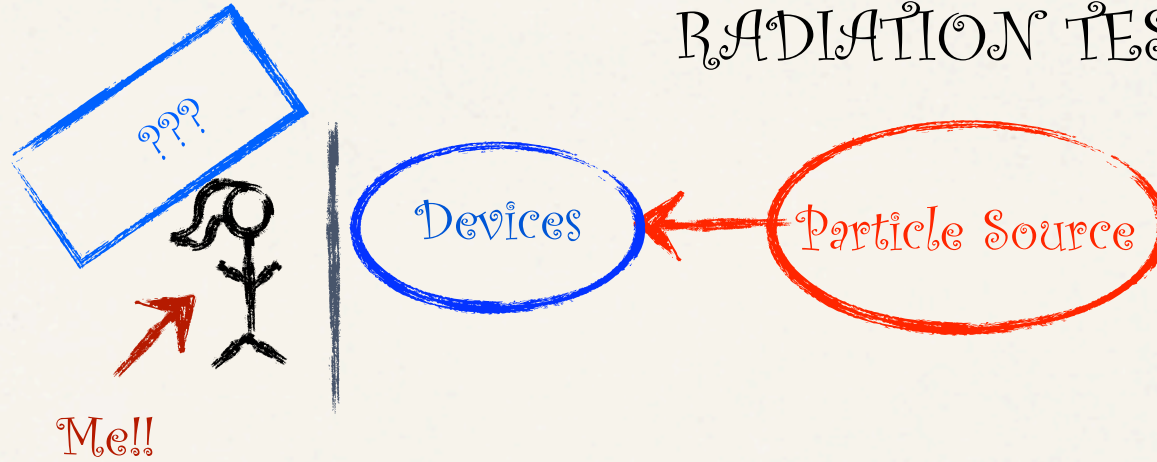
and even later than that...



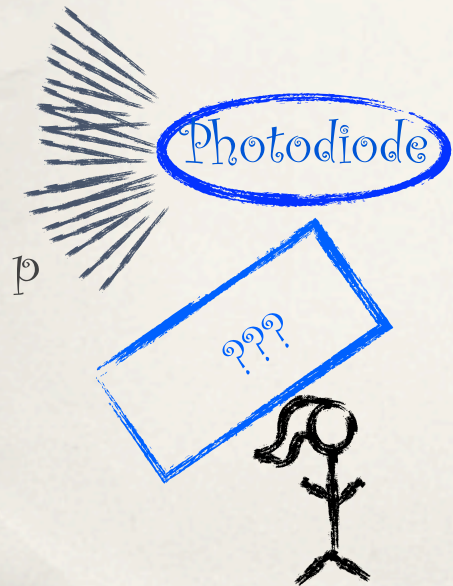
Finally...what the next 3 years would be like :

Optical components must be qualified for radiation environment at the HL-LHC

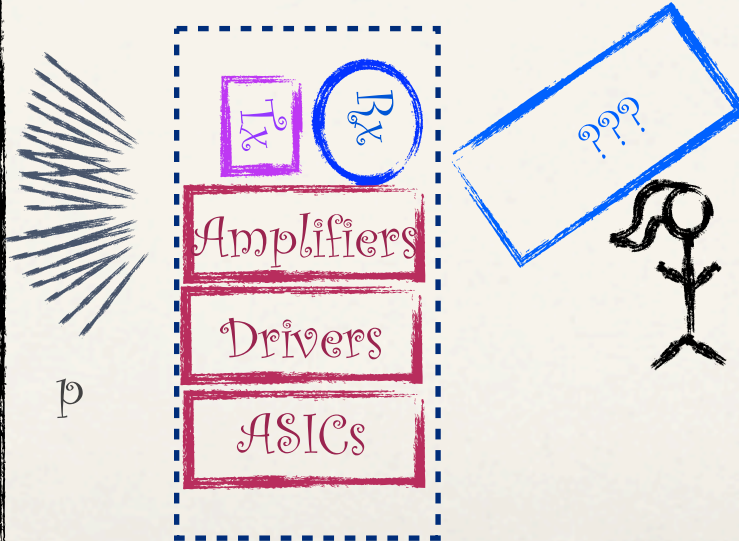
RADIATION TESTS!!



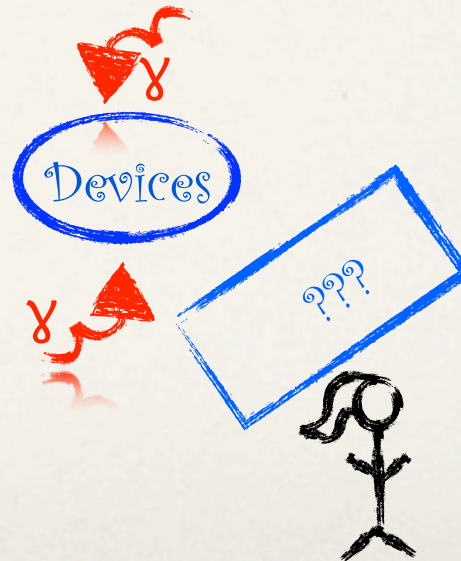
Proton Test
PDs PSI



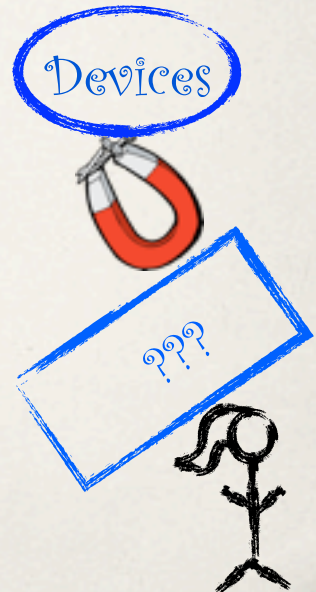
Proton Test
VTRx PSI

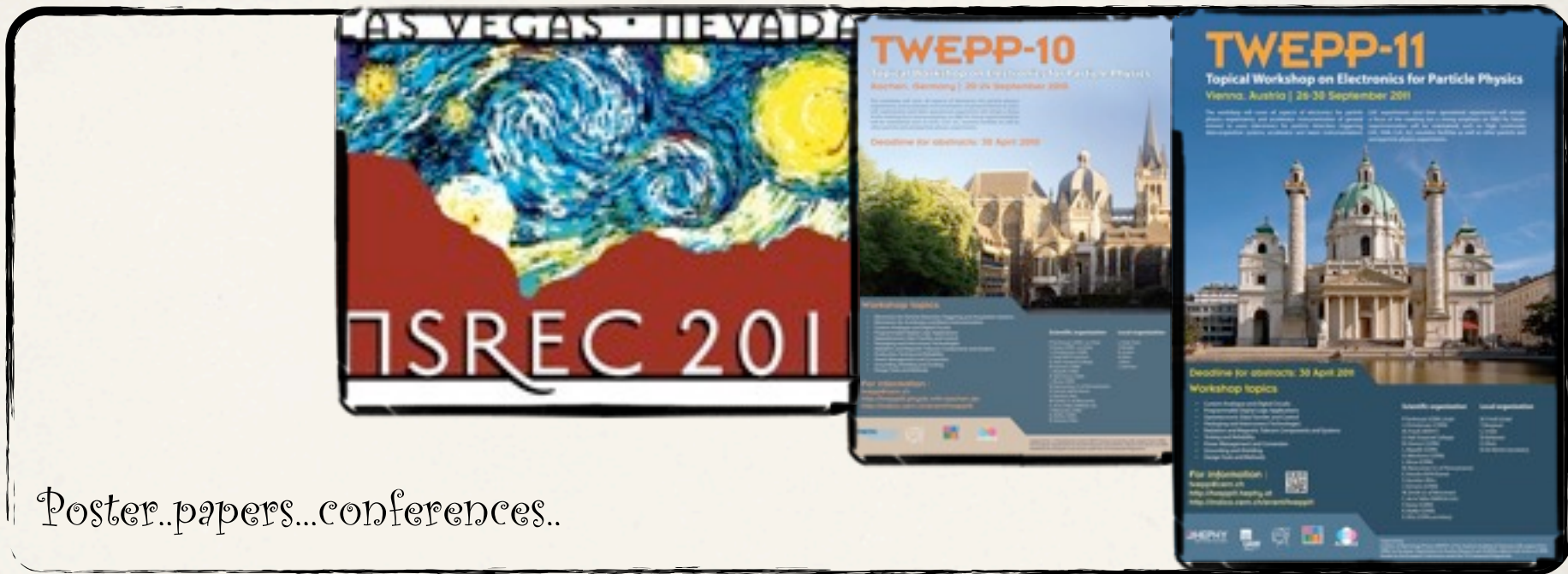


Gamma Test
PDs+Lasers



B-field Test
PDs+Lasers





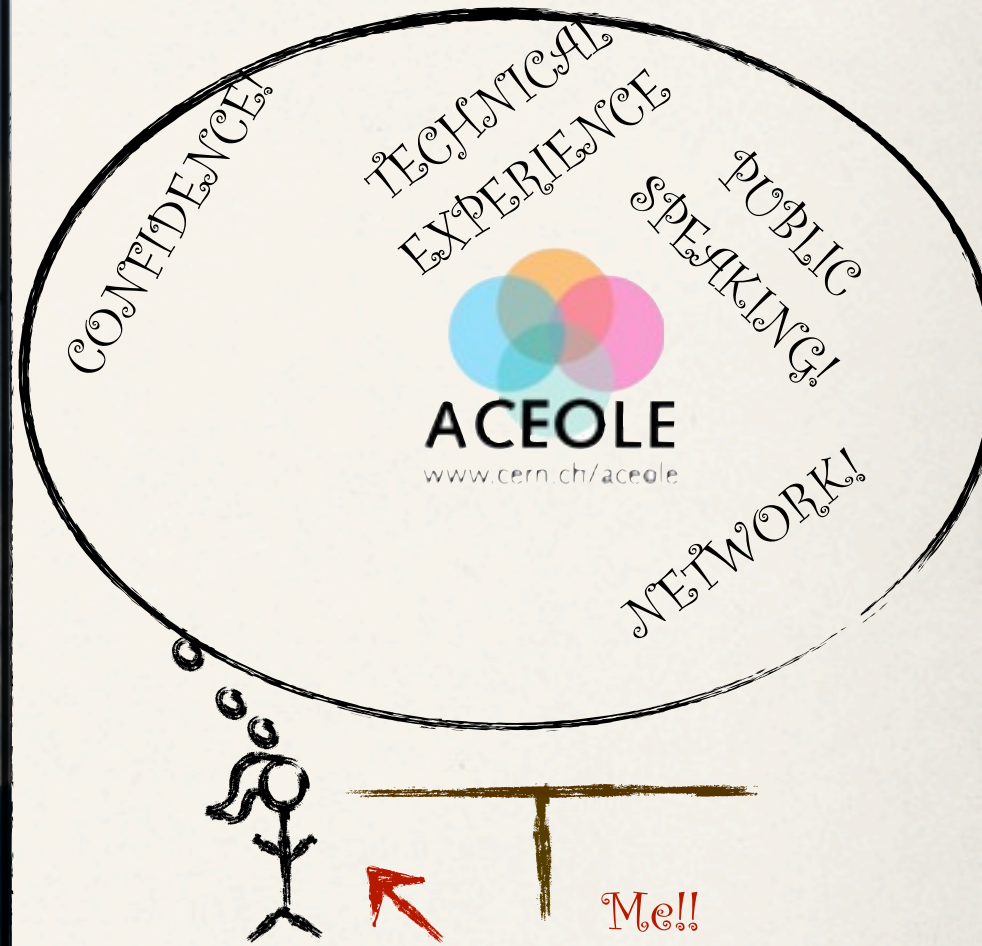
Poster..papers...conferences..





May 30th 2012....

CERN : 14-1-017....



*My ACEOLE journey finished...
and another one begins!*

Today....

*CERN
Doctoral Student*

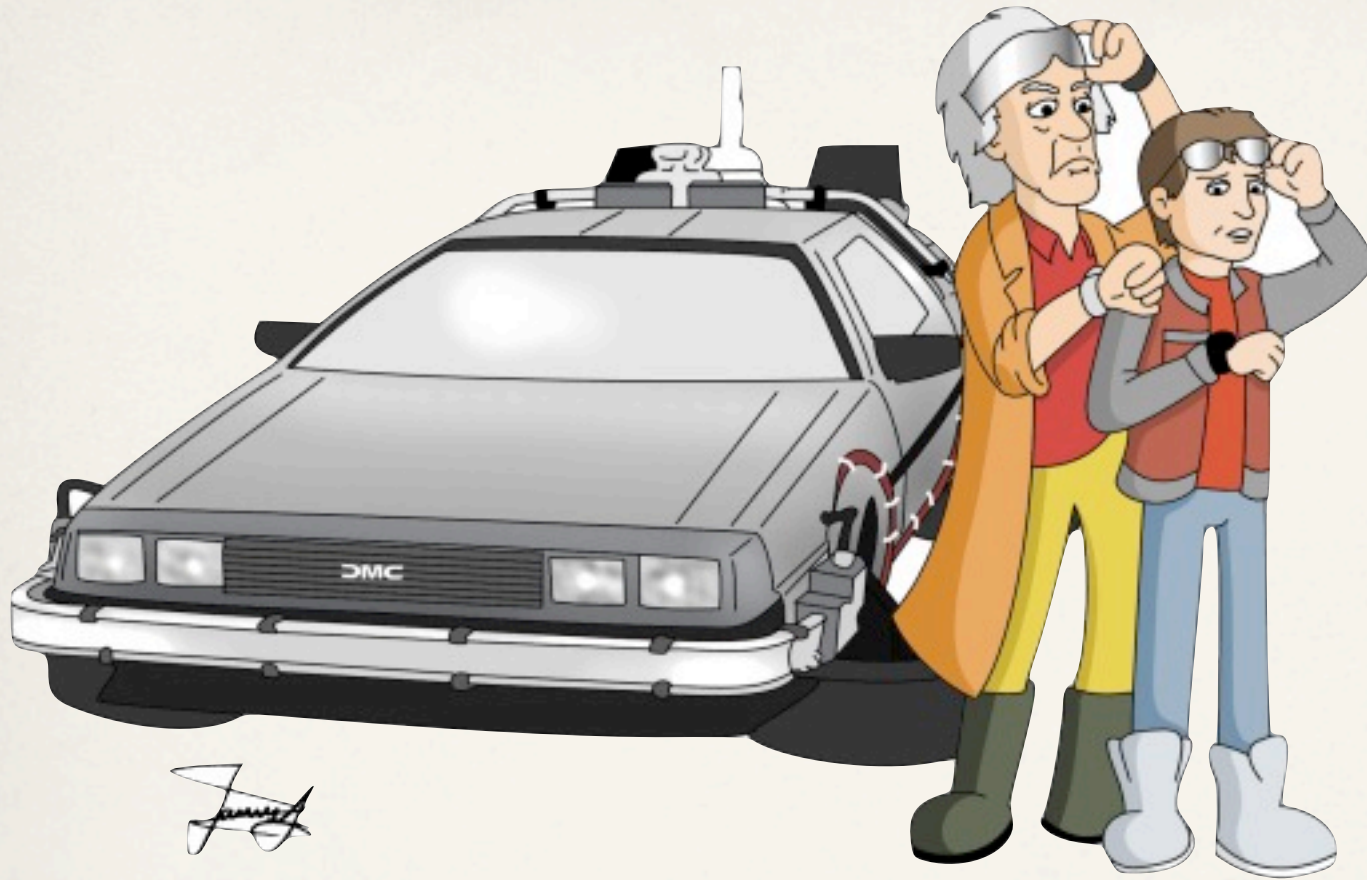


University of Bristol

*CERN
Optoelectronics
Group*



Future....



Who knows?! But thanks to ACEOLE , Marie Curie Actions, FP7, CERN, everyone there
....I'm ready for it!