



# FIRST ITERATION BY SKYPE

25 October 2019



# nanoDesign

A semester = 18 weeks, divided in 3 modules of ~6 weeks. 3 hours x 3 days per week

Already run for 3 years, with presentations on quantum physics and its links with nanotechnology, but inclusion of CERN and particle physics is new.

~14 students per semester, no prior knowledge on arts and art-science.

Primary goal:

- open the minds of the students, who will primarily do design.
- train them to learn and express concepts.

# Module timeline

- Start with ~2 weeks of research/reading and lectures
- 4 groups present ideas (maximum 3) to a panel of 4 teachers. One is selected.
- At the end of the module ( week 6 ) their piece is presented.
  - *For the 1<sup>st</sup> and 2<sup>nd</sup> modules internally (in University)*
  - *for the 3<sup>rd</sup> – supposed to be the best – in an art gallery, for 1 day.*
- Visits to institutes/labs can be organised ( few per year ).

# Action plan

- Ongoing semester end on Nov 20
  - *Theme was standard model. Presentations already given by ATLAS and LHCb physicists*
  - *The 4 students groups have taken 1 LHC experiment each*
  - **Take pictures** that can be integrated in a future presentation to ATLAS/LHCb/ORIGIN
- Early December 2019:
  - *Decide on the module which will be dedicated to HEP (1<sup>st</sup> to leave more time ?), how many scientist talks will be needed... and in which week(s).*
- Next semester starts in January 2020
  - *If local scientists cannot make it, Claire to look for Spanish speaking ones who can present remotely. Possibly organise a Virtual Visit.*
  - *Could include a visit to the HEP institutes or any site/lab working with muons, for example.*