

Hello! I am **Giuliano Giacalone** (starting 2nd year PhD). I work with Jean-Yves Ollitrault in the particle physics and cosmology group. This is what my research is about.

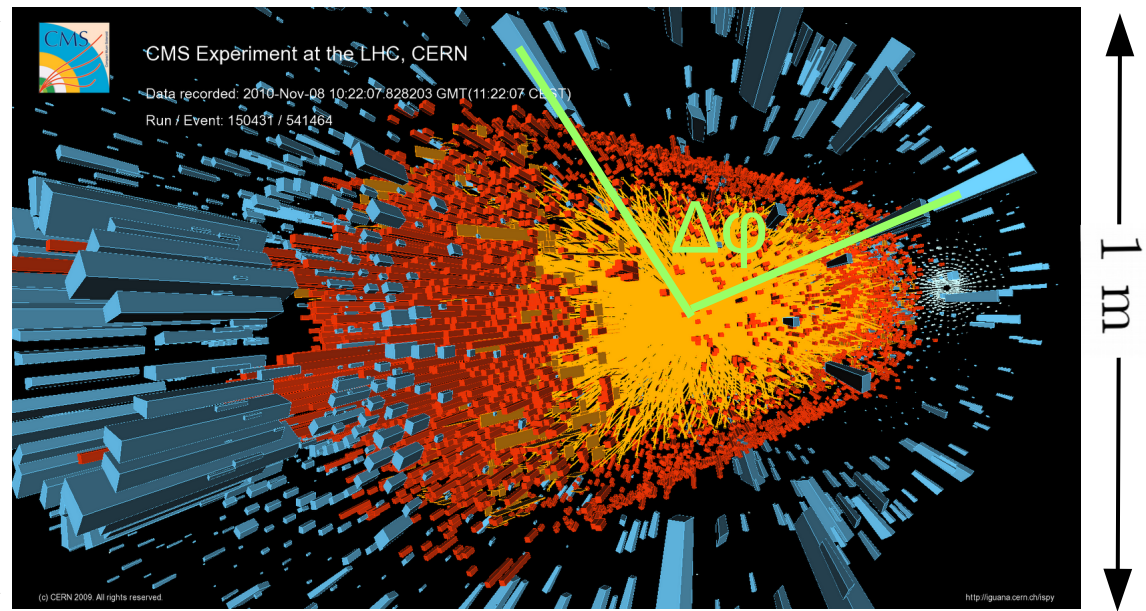
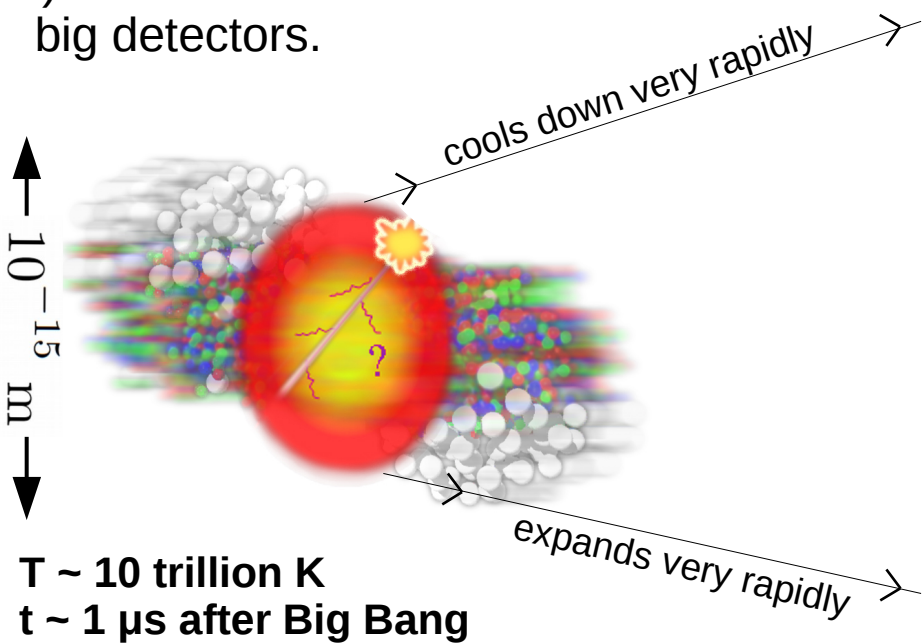
Understanding anisotropy in the Little Bang

To reproduce the primordial Universe:

i) Build a (very) big machine.



ii) Smash nuclei inside big detectors.



The emission of particles is not isotropic in space. Angular anisotropy is sensitive to initial condition and evolution of the fireball.

Universe dominated by strong interaction. Constituents: free quarks and gluons.

← we can only go in this direction

Want to know more? I am in IPhT pièce 150