

The Biggest Experiments in Science

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Hello,

I am posting to this group as it is moderated and i shall hopefull avoid cranks and glean some sensible and authoratative information.

I work for a newly formed TV production company that is at the development phase of a programme based on what currently costitute the biggest experiments in science. "Biggest" in this sense relates not only to scale but also to the the extent to which they are probing the fundamentals of physics and existence.

The ones that i have researched to date and which semm to fit this framework are as follows:

- 1) The Large Hadron Collider (LHC) at CERN
- 2) The ITER nuclear fusion project
- 3) The Cassini / Huygens project to determine if life could exist on Titan
- 4) Laser Interferometer Wave Observatory (LIGO)
- 5) The Pierre Auger Observatory – high energy cosmic ray experiement

I would appreciate feedback on this choice. Please bear in mind that although bigger experiments are being proposed the above either all exist, or will soon to as funding has been allocated.

Also bear in mind that I work in TV and too many equations tend to make me want to reach for yet another gin and tonic.

THanks in advance