



# PRESS RELEASE

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## DOES THE "GOD PARTICLE EXIST?" **LARGE HADRON COLLIDER – FIRST BEAM DAY** **- WATCH IT LIVE IN THE SCIENCE GALLERY**

Science Gallery will tomorrow host a marathon viewing of the Large Hadron Collider, the world's largest physics experiment, as it begins.

This will be your opportunity to find at all you ever wanted to know about particle physics but were too afraid to ask. The Large Hadron Collider, will recreate the conditions of the early universe shortly after the Big Bang.

Scientists have ridiculed suggestions that the Large Hadron Collider could cause the creation of a black-hole or trigger a doomsday scenario. Why not come along to the Science Gallery to find out the truth for yourself over a cappuccino?

Tomorrow, Wednesday 10 September, scientists at CERN in Geneva, Switzerland will attempt for the first time to circulate a beam in the Large Hadron Collider. The LHC is the world's most powerful particle accelerator, and will produce beams seven times more energetic, and around 30 times more intense than any previous machine when it reaches design performance.

Nine hours of a live feed from CERN will be shown in the Science Gallery Café. The day will kick off with **Dr Ronan McNulty at 7:30am** followed by leading Irish broadcaster **Leo Enright**. Further commentary throughout the day and at highlight periods will be provided by researchers from **Grid Ireland group, Trinity College Dublin** involved in the data processing and **School of Physics, TCD** and **Experimental Particle Physics group at UCD**. Join us for the all day marathon at the Science Gallery.

**ENDS**