

## German fails to prove atom-smasher will end world

## March 9 2010

A German woman fearing that Earth would be sucked into oblivion in a black hole failed on Tuesday in her court attempt to halt the world's most powerful atom-smasher.

The Constitutional Court in the western Germany city of Karlsruhe threw out the woman's appeal because she was "unable to give a coherent account of how her fears would come about."

"The overwhelming scientific opinion is that the experiments carried out at CERN (the European Organisation for Nuclear Research) present no dangers," the court added.

<u>CERN</u> scientists are looking to the <u>Large Hadron Collider</u> (LHC) to mimic the conditions that followed the Big Bang and help explain the origins of the universe.

Housed inside a 27-kilometre (16.8-mile) tunnel straddling the Franco-Swiss border, the collider was started with great fanfare in September 2008, only to break down after nine days for the next 14 months.

It was shut down again in December, this time to ready it for collisions at unfathomed energy levels which began last month.

The scientists' Holy Grail is to find a theorised component called the Higgs Boson, commonly called the "God Particle", which would explain how particles acquire mass.



The woman, who has not been named and who lives outside Germany, failed with an injunction with a Cologne court seeking to oblige the German government to stop the project.

Other opponents have also sought to stop the collider, fearing either a black hole whose super-gravity would swallow the Earth or a theoretical particle called a strangelet that would turn the planet to goo.

## (c) 2010 AFP

Citation: German fails to prove atom-smasher will end world (2010, March 9) retrieved 17 April 2024 from <a href="https://phys.org/news/2010-03-german-atom-smasher-world.html">https://phys.org/news/2010-03-german-atom-smasher-world.html</a>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.