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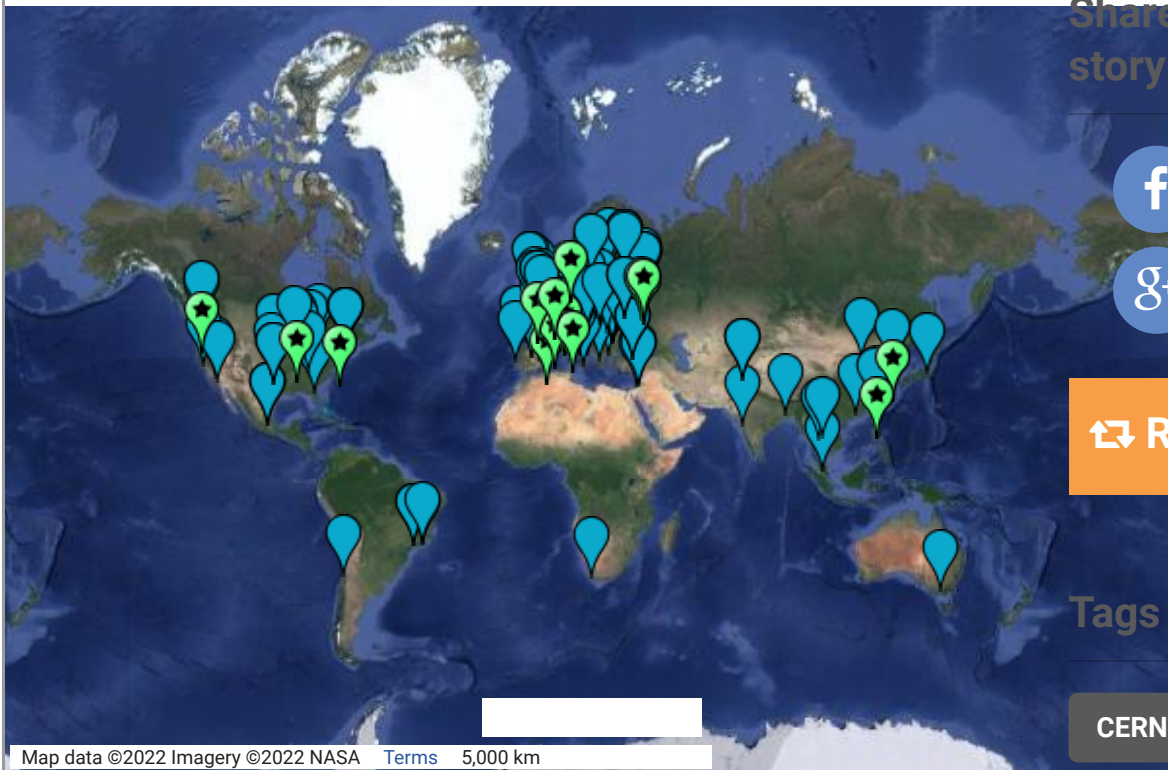**Home   Archive   Contribute   Sponsor**

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A global grid for science

Posted on APR 1 2015 8:20AM

Worldwide LHC Computing Grid - 2022 ☆

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Click on each pin to find out the name of the site it represents.

Welcome to the Worldwide LHC Computing Grid (WLCG), the most sophisticated data-taking and

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Grid computing

analysis system ever built for science.

The WLCG involves a global collaboration of more than 170 computing centers in 40 countries, linking up national and international grid infrastructures. This new map shows all of the registered WLCG sites currently in operation.

The mission of the WLCG is to provide global computing resources to store, distribute, and analyze the ~30 petabytes of data generated annually by experiments on the Large Hadron Collider (LHC) at CERN, the European Organization for Nuclear Physics.

The WLCG, which is coordinated by CERN, is the world's largest computing grid. It is supported by many associated national and international grids across the world, such as the European Grid Initiative (EGI) and the Open Science Grid (OSG), as well as many other regional grids.

Find out more about the WLCG in our articles 'Big data, big grid' and 'The Large Hadron Collider's worldwide computer'.

--Andrew Purcell

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