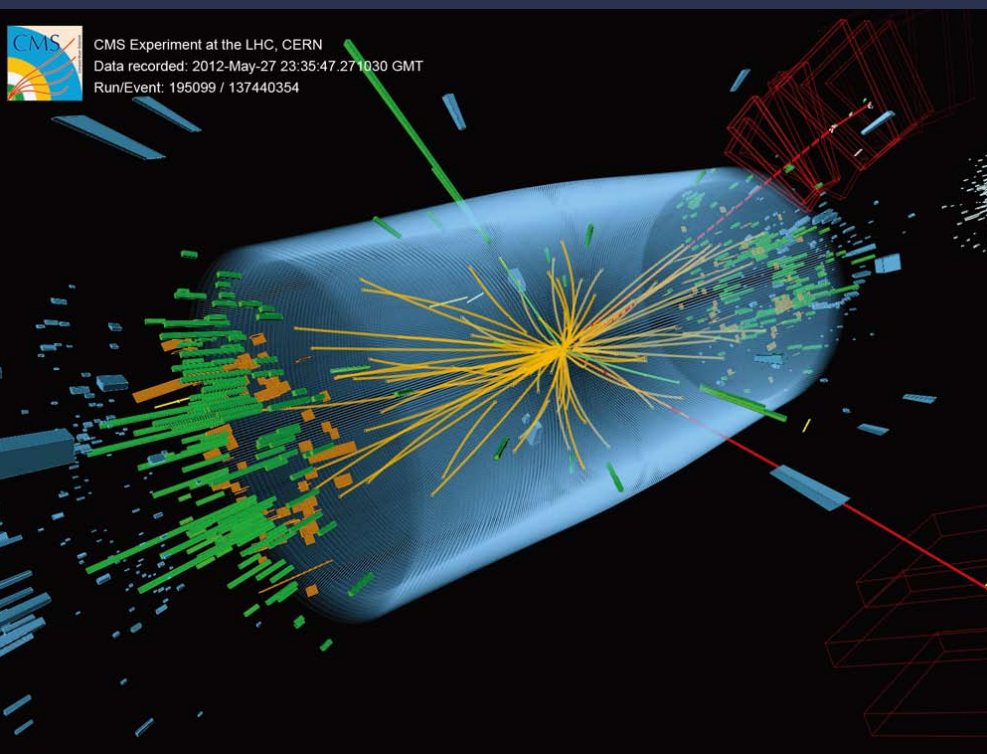




CMS Experiment at the LHC, CERN
 Data recorded: 2012-May-27 23:35:47.271030 GMT
 Run/Event: 195099 / 137440354



About the cover

China Contributes to Search for Higgs Boson

Data from CERN's CMS and ATLAS experiments strongly suggested that a new subatomic particle, which appeared to be in good consistence to the long-sought-after Higgs boson, was detected. If further confirmed, this "last missing brick" would mark the triumph of the Standard Model. The experiments involved thousands of scientists from over a hundred institutes in 30 countries including China. Chinese scientists, including CAS researchers, participated in the building of the collider and provided a smart method to differentiate the target particle, which occurs only once out of a trillion collisions, from the massive number of hadrons and quantum photons produced by the mini "Big Bang." (Image by courtesy of CERN)

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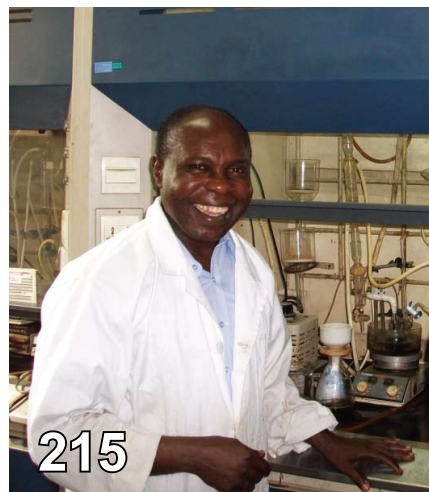
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