



## Tuesday COLLOQUIUM

### LHC: The big deal

by Prof Kajari Mazumdar, TIFR

The field of high energy physics today is poised for a big leap in our perceptions about fundamental particles. The Large Hadron Collider (LHC) provides a cool laboratory to probe Nature which actually prevailed shortly after the Big Bang. The plethora of interesting physics issues which can be addressed in LHC experiments provide the justification for the largest ever scientific endeavour taken up by mankind. The essential features of LHC and its physics potential will be discussed briefly in this talk.

Professor Kajari Mazumdar is a Professor in the Department of High Energy Physics, TIFR, and is also the current spokesperson of India-CMS Collaboration for CMS experiments at LHC, CERN. She obtained her M.Sc. From University of Calcutta in 1986 and Ph.D. from TIFR

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**Tuesday, March 29, 2011 at 4.30 p.m.**

Seminar Room PF AG 14, Prefabs  
Near Annabhau Sathe Bhavan, University of Mumbai  
Vidyanagari Campus, Mumbai 400098