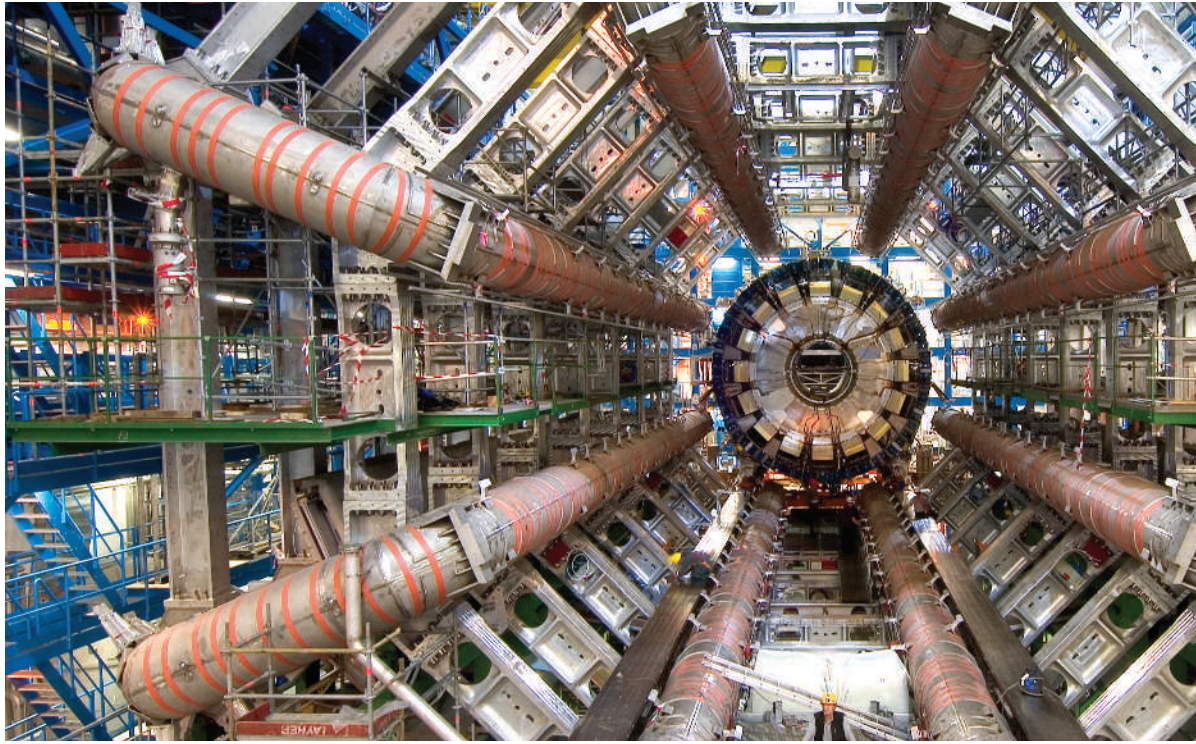


CERN

A CATHEDRAL OF DETECTORS

This is a view down the gullet of the ATLAS experiment at CERN, the particle-physics lab near Geneva. Over the course of this year it has slowly been filled up with all manner of detectors, and work will continue until it's ready to go live sometime in November 2007. Its constructors hope that results from the detectors will allow them to infer the presence of such exotic particles as the Higgs boson.

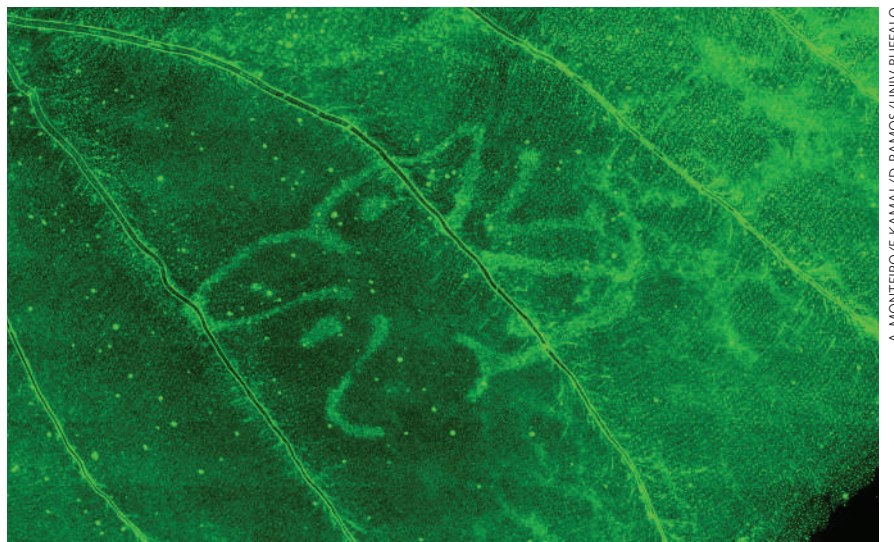


ONERA



THE ART IN YOUR ENGINE

A vortex of flame swirls inside a combustion chamber. Researchers at the French National Aerospace Research Center (ONERA) caught this shot while examining combustion inside an engine in minute detail. The aim was to make such motors more efficient, but the team has also shown the beauty of their inner workings.



A. MONTEIRO/F. KAMAL/D. RAMOS/UNIV. BUFFALO

A BUTTERFLY ON A BUTTERFLY

This butterfly, which appeared in November, is actually on a butterfly's wing. The insect was engineered so that its cells expressed a green fluorescent dye when a particular heat-sensitive protein was activated. A laser was then used to induce heat shock and etch out the pattern.