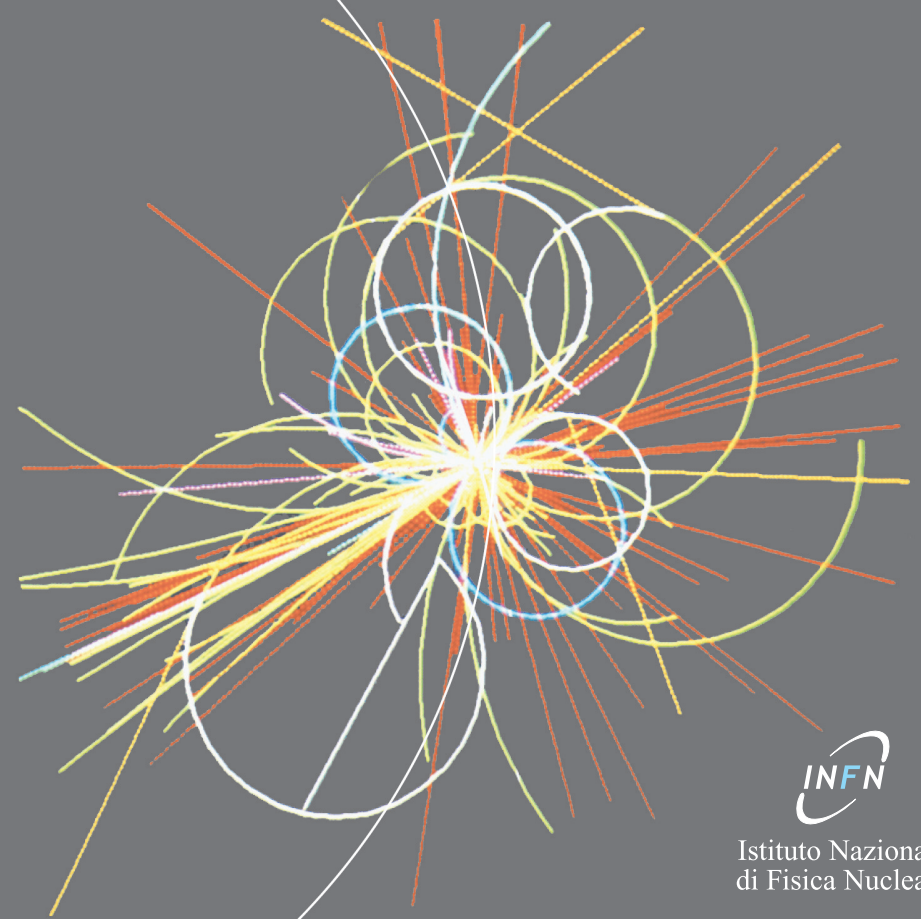


Frontier Detectors for Frontier Physics

12th Pisa meeting on advanced detectors

La Biodola • Isola d'Elba • Italy
May 20 - 26, 2012



Istituto Nazionale
di Fisica Nucleare



Università di Pisa
Dipartimento di Fisica



Università di Siena
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European Physical Society

TOPICS

New ideas on detection techniques
Trends in tracking, calorimetry and particle identification
Ground, sea and space based detector systems
Detectors for astroparticle physics
Detectors for fundamental physics and gravitational waves
Neutrino detectors
X-ray and photon detectors
Front-end electronics and trigger systems
DAQ and data management
Techniques for simulations and data analysis
HEP techniques in medicine, biology and other fields
Research, industry and technology transfer

Aim of the meeting is to review the progress
in detector technology with emphasis on
applications in future experiments.

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