FRONTIER DETECTORS FOR FRONTIER PHYSICS

Sunday, 20 May 2012 - Saturday, 26 May 2012

color=green >La Biodola, Isola d'Elba, Italy</color=green><!-- ID_UTENTE=80

Scientific Programme

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

New ideas and techniques

Solid state detectors

Gaseous tracking detectors

Calorimetry

Particle identification

Detector systems

Detectors for astroparticle physics

Detectors for fundamental physics and gravitational waves

Neutrino detectors

X-ray and photon detectors

Front-end electronics

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Trigger systems

Simulation and data analysis techniques

HEP techniques in medicine, biology and other fields

DAQ and data management

Research, industry and technology transfer

S1 - New Detector Systems and Upgrades

S2 - Applications

S3 - PID and Photo Detectors

S4 - Front End, Trigger, DAQ and Data Management

S5 - Solid State Detectors

S6 - Gas Detectors

S7 - Experimental Systems without Accelerators

S8 - Calorimetry

P2 - Applications

P3 - PID and Photo Detectors

P4 - Front End, Trigger, DAQ and Data Management

P5 - Solid State Detectors

P6 - Gas Detectors

P7 - Experimental Systems without Accelerators

P8 - Calorimetry