

# FRONTIER DETECTORS FOR FRONTIER PHYSICS



Sunday, May 20, 2012 - Saturday, May 26, 2012

color=green &gt;La Biodola, Isola d'Elba, Italy&lt;/color=green&gt;&lt;!-- ID\_UTENTE=80

## Scientific Program

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**

**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**