

**7<sup>th</sup> International  
Workshop  
on Ring Imaging  
Cherenkov Detectors  
Cassis, France : 3-7 May 2010**



# FIRST BULLETIN

RICH2010 will be held from May 3-7, 2010 at the Oustau Calendal Conference Centre in Cassis, France, following on from the six previous workshops held in Bari, Italy (1993); Uppsala, Sweden (1995); Ein Gedi, Israel (1998); Pylos, Greece (2002); Playa del Carmen, Mexico (2004); and Trieste, Italy (2007).

RICH2010 will focus on the “**state of the art**” and the **future developments in Cherenkov light imaging techniques** for applications in **High Energy Physics, Nuclear Physics and Astroparticle Physics**. First results from Ring Imaging Cherenkov detectors at the CERN LHC experiments are eagerly anticipated. Exotic applications of Cherenkov radiation and alternative particle identification methods will also be discussed.

The conference is organized in plenary sessions of **invited and contributed talks, and poster presentations**.

The list of topics includes:

- Cherenkov light imaging in particle and nuclear physics experiments**
- Cherenkov detectors in astroparticle physics**
- Novel Cherenkov imaging techniques**
- Photon detection for Cherenkov counters**
- Technological aspects of Cherenkov detectors**
- Pattern recognition and data analysis**
- Research & Development for future experiments**

The preliminary programme consists of eight half-day scientific sessions, together with a social programme, including an excursion and a banquet. Participants are encouraged to arrive in time for a Provençal welcome aperitif at the Cassis harbor during the evening of Sunday May 2, 2010.

Invited speakers will give talks on the following subjects:

- Cherenkov light imaging fundamentals and recent developments**
- Technology issues in Cherenkov light imaging**
- Status and perspectives of vacuum-based photo detectors**
- Status and perspectives of solid state photon detectors**
- Status and perspectives of gaseous photo detectors**
- Advances in the development of micro-pattern gaseous detectors**
- Other PID techniques, Poster overview, Workshop highlights**

The workshop web site (<http://RICH2010.in2p3.fr>) contains more details on the preliminary scientific program, information for exhibitors, and local hotel accommodation.



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## Registration and Accommodation

Pre-registration is possible via the workshop web page (<http://RICH2010.in2p3.fr>).

Participants are requested to arrange their hotel accommodation. Although RICH 2010 will take place outside the usual tourist season, the weather in Cassis in May is usually warm. **Attendees are reminded that Cassis is a small port town with a limited number of hotels; requests for hotel accommodation should be therefore made as far in advance as possible.** A list of nearby hotels, including some close to the Conference Centre in Cassis, is available through the workshop web pages.

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## Secretariat

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RICH 2010 is hosted by the Centre de Physique des Particules de Marseille and the IN2P3 division of the CNRS.

