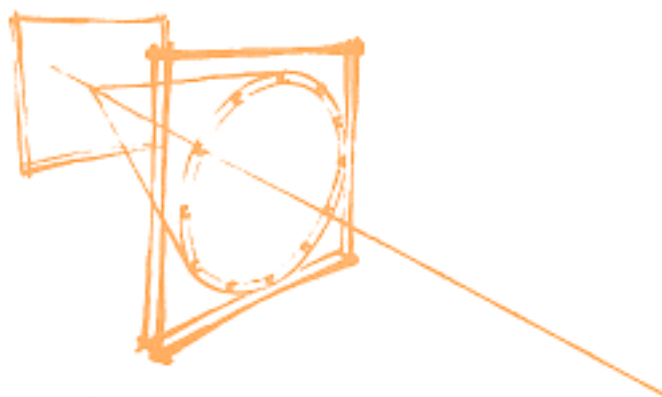


7th International Workshop on Ring Imaging Cherenkov detectors (RICH 2010)



dimanche 2 mai 2010 - vendredi 7 mai 2010

Oustau Calendal Conference Center

Programme Scientifique

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 proceedings will be published in Nuclear Instruments and Methods in Physics Research Section A, as in the case of the previous Workshops.

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

Cherenkov imaging in particle and nuclear physics experiments

Conveners: R. Forty, B. Ratcliff

Cherenkov detectors in astroparticle physics

Conveners: G. Hallewell, W. Hofmann

Novel Cherenkov imaging techniques

Conveners: P. Krizan, J. Seguinot

Photon detection for Cherenkov counters

Conveners: A. Di Mauro, C. Joram

Technological aspects of Cherenkov detectors

Conveners: C. D'Ambrosio, E. Nappi

Pattern recognition and data analysis

Conveners: S. Stone, J. Engelfried

Research & Development for future experiments

Conveners: S. Dalla Torre, J. Va'vra