

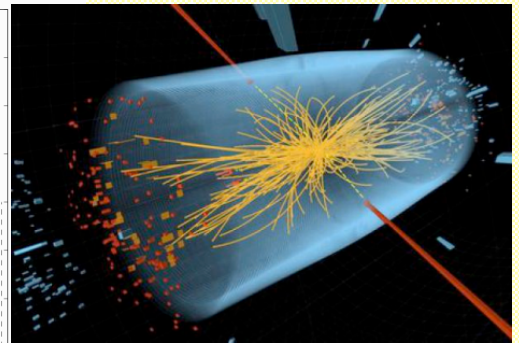
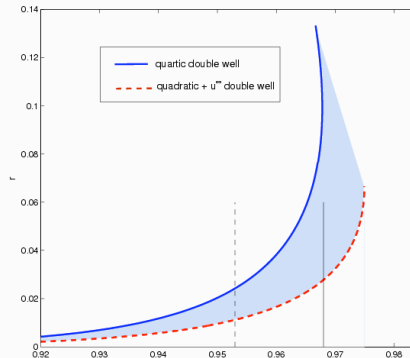
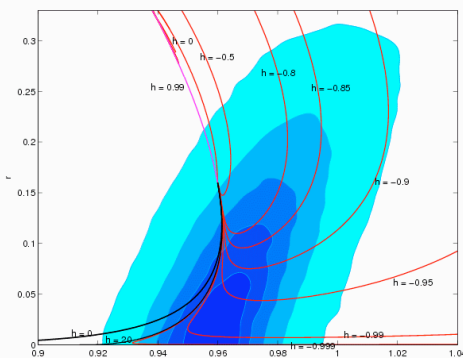


TURIN SPECIAL SESSION
Astrophysics International School Daniel Chalonge
5 April 2013

Colloquium

Latest News from the Universe:
Cosmology, Dark Matter, Galaxies, Astrophysics and Particle Physics

In the second Chalonge School Colloquium to be held in Torino, the highlights and recent results in advanced physics and astrophysics research are discussed, together with the future perspectives. The spirit of the Colloquium is in keeping with the Chalonge School's emphasis on astro-fundamental physics, putting together real cosmological and astrophysical data and hard theory predictive approach in the framework of the New Standard Model of the Universe. Recent discoveries in particle physics, neutrino physics and LHC results are also presented.



Scientific Session - 5 April 2013

Palazzo Lascaris, Via Alfieri 15, Torino

<http://chalonge.obspm.fr>

TOPICS AND LECTURERS

<http://ecolechalongetorino.oato.in>

- | | | |
|---|--------------------------|-----------------------------------|
| • ΛWDM-The New Standard Model of the Universe | Norma Sanchez | CNRS Obs.de Paris,France |
| • WDM-keV sterile neutrinos | Hector de Vega | CNRS UPMC Paris, France |
| • The High-Energy Astrophysics Sky | Giovanni Bignami | INAF Roma, Italy |
| • The AMS experiment on the ISS: a particle physics experiment in space | Roberto Battiston | Univ. e INFN Trento, Italy |
| • High-energy astrophysics with the AGILE mission. | Attilio Ferrari | Univ.Torino e OATo, Italy |
| • Ultra High Energy Cosmic Rays and Neutrinos with the JEM-EUSO Experiment | Piero Galeotti | Univ. Torino, Italy |
| • Highlights from LHC | Nadia Pastrone | CERN e INFN Torino, Italy |