

Chardonnet Pascal

Position: Professor of Physics at the University of Savoie

Period covered: 2000-Present



I Scientific Work:

In recent years Chardonnet's research focus on the astrophysical and cosmological studies of Gamma-ray bursts, the problem of propagation of ultra-high energy cosmic-rays, the galactic center 511 keV annihilation line and the puzzle of dark matter. It includes the studies of galactic magnetic field influences of the cosmic rays propagation using numerical simulation with a recent local galactic survey.

II Conferences and educational activities

Conferences and Other External Scientific Work

- Integral Meeting in Moscow July 2006
- Massive Stars as cosmic engines: IAU Symposium Hawaii December 2007

Work With Students

1. Valentino Laquaniti, a new graduate student.
2. Julien Aublin, from the AUGER TEAM, committee member, oral exam

Diploma thesis supervision

Alvise Mattei, obtained his PhD degree

Thesis: The propagation of the ultra high energy cosmic rays.

Other Teaching Duties

Phys907 (general relativity and cosmology)

Phys502 (Lagrangian mechanics)

Phys405 (Introduction to Astrophysics)

Phys302 (Special Relativity)

Phys301 (Introduction to quantum mechanics)

Phys201 (Classical mechanics)

Work With Postdocs

Anton Baushev (stay in my group from Sept 2005-Aug 2006)

III Service activities

Within ICRANet

Organizing the MG11 Marcel Grossmann Meeting

Member of the Faculty of IRAP PhD Program

Outside ICRANet

Member of GDPR PCHE

Member of Specialist committee of University of Savoie