

Service de Physique Théorique CP225

Description des unités de recherches – mise à jour septembre 2007

Sélection de quelques publications

The Inert Doublet Model: An Archetype for Dark Matter.

Laura Lopez Honorez, Emmanuel Nezri, Josep F. Oliver, Michel H.G. Tytgat
JCAP 0702:028,2007

Efficiency and maximal CP-asymmetry of scalar triplet leptogenesis.

Thomas Hambye, Martti Raidal, Alessandro Strumia
Phys.Lett.B632:667-674, 2006

Study of the eta - eta-prime system in the two mixing angle scheme.

Rafel Escribano, Jean-Marie Frère
JHEP 0506:029,2005.

Massive graviton as a testable cold dark matter candidate.

S.L. Dubovsky, P.G. Tinyakov, I.I. Tkachev
Phys.Rev.Lett.94:181102,2005

Semiclassical study of baryon and lepton number violation in high-energy electroweak collisions.

F. Bezrukov, D. Levkov, C. Rebbi, V.A. Rubakov, P. Tinyakov
Phys.Rev.D68:036005,2003

Radion assisted gauge inflation.

M. Fairbairn, L. Lopez-Honorez, M.H.G. Tytgat
Phys.Rev.D67:101302,2003

Evidence for a connection between gamma-ray and highest energy cosmic ray emissions by BL Lacs

D.S. Gorbunov, P.G. Tinyakov, I.I. Tkachev, S.V. Troitsky
Astrophys.J.577:L93,2002

Neutrino masses with a single generation in the bulk

J.M. Frère, M.V. Libanov, S.V. Troitsky
JHEP 0111:025, 2001

