



Contribution ID : 5

Type : **Plenary Revision Talk (1 hr)**

Review on Unitary ChPT

Tuesday, 25 October 2011 09:00 (1:00)

Abstract content

We report on the basis of the so-called Unitary Chiral Perturbation Theory (UChPT) in terms of the N/D method. Several applications are reviewed with special emphasis on the mesonic scalar sector and its spectroscopy, the meson-baryon system and applications of ChPT in the nuclear medium. On going efforts on nucleon-nucleon interactions and covariant pion-nucleon scattering will be also reviewed. The dependence of meson-meson scattering and its resonances on N_c will be reported within $U(3) \times U(3)$ UChPT as well.

Summary

Primary author(s) : Dr. OLLER, José Antonio (Universidad de Murcia)

Presenter(s) : Dr. OLLER, José Antonio (Universidad de Murcia)

Session Classification : Revision

Track Classification : Hadronic Matter