

## An update of the DIRAC result on the pion-pion $|a_0-a_2|$ scattering length

*Tuesday, 22 May 2007 18:30 (20 minutes)*

DIRAC aims at measuring the scattering length  $|a_0-a_2|$  through the lifetime of the  $\pi^+\pi^-$  atom in its 1S state. The published result (Physics Letters B 619 (2005)) used only part of the totally collected statistics. An update of the result concerning the statistical accuracy will be presented.

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**Session Classification:** Session III

**Track Classification:** Low energy QCD