

Contribution ID: 186 Type: Parallel Session Talk

Three-loop heavy quark potential

Thursday, 22 July 2010 11:00 (15 minutes)

The three-loop corrections to the static potential between a quark and its anti-quark are considered. It constitutes a building block for a number of physical observables connected to heavy quarks. We describe the evaluation of the occurring integrals and discuss the phenomenological implications.

Primary author: Prof. STEINHAUSER, Matthias (KIT)

Co-authors: Dr SMIRNOV, Alexander (Moscow State University); Dr SMIRNOV, Vladimir (Moscow State

University)

Presenter: Prof. STEINHAUSER, Matthias (KIT)

Session Classification: 05 - Heavy Quarks Properties (experiment and theory)

Track Classification: 05 - Heavy Quarks Properties (experiment and theory)