Contribution ID: 39 Type: plenary talk

The overview of the recent results of the hadronic cross sections measurement with the CMD-3 detector at e+e- collider VEPP-2000

Saturday, 4 June 2016 12:00 (0:30)

Collaboration

CMD-3

Abstract content

The CMD-3 detector collected data since December 2010 at the electron-positron collider VEPP-2000. The data sample corresponds to about 60 inverse picobarn of integrated luminosity collected in the c.m. energy range from 0.32 up to 2 GeV. The measurement of the integrated luminosity is based on two QED processes: $e^+e^- \to e^+e^-$ and $\gamma\gamma$, that provided the systematic accuracy in luminosity smaller 1%. The overview of the recent results of the analysis of various hadronic cross sections are presented for the processes such as: $e + e - \to 3(\pi^+\pi^-)$, $2(\pi^+\pi^-\pi^0)$, $2(\pi^+\pi^-)\pi^0$,

Primary author(s): FEDOTOVICH, Gennady (Budker Inasitute of Nuclear Physics, Novosibirsk, Russia)

Presenter(s): FEDOTOVICH, Gennady (Budker Inasitute of Nuclear Physics, Novosibirsk, Russia)

Session Classification: Plenary Session