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Measurement of the luminosity at the CMD-3 detector.

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Content

Since December 2010 the CMD-3 detector has taken data at the electron-positron collider VEPP-2000. The collected data sample corresponds to an integrated luminosity of 60 1/pb in the c.m. energy range from 0.32 up to 2 GeV. Precise luminosity measurement is a key issue for many experiments which study the hadronic cross sections at $e+e-$ colliders. The integrated luminosity of the collider was measured using two well known QED processes $e+e-\rightarrow e+e-, \gamma\gamma$. The preliminary results of the luminosity measurement are presented in the various energy range. The current accuracy of the luminosity determination is estimated to be 1%. The study of the different systematics is in progress now and in forthcoming future we hope to reduce it to the level of $\sim 0.5\%$.

Summary

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