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Cross-section measurement and dynamics study of the process $e^+e^- \rightarrow K_S^0 K^\pm \pi^\mp$ with the CMD-3 detector at VEPP-2000 collider

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The process $e^+e^- \rightarrow K_S^0 K^\pm \pi^\mp$ is important for the various physics problems. The cross section is contributing to hadronic part to the vacuum polarization in measurement of $(g-2)/2$ of muon. Dynamics of the process is interesting but poorly studied. And at last analysing this final state one can determine the parameters of the orbital and radial excitations of light vector meson. The CMD-3 detector at VEPP-2000 collider is now only place where it is possible to investigate these issues with high precision in energy range 1.3 - 2.0 GeV center-of-mass energy. In the talk we report the preliminary results on cross-section measurement and dynamics study for the process $e^+e^- \rightarrow K_S^0 K^\pm \pi^\mp$ in c.m. energy range 1.3 - 2.0 GeV

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