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Recent results on hadron physics at KLOE/KLOE-2

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KLOE-2 experiment is a successor of KLOE, continuing and extending the broad physics program. In hadron physics, this includes search for a signal from dark mediators, $\gamma\gamma$ -processes, and measurement of meson properties. Recent results on progress in $\gamma\gamma$ studies, decays of η meson in $\pi^+\pi^-$ and $\pi^0\gamma\gamma$ channels and searches for leptophobic dark boson will be presented.

The recently collected more than $5 fb^{-1}$ at ϕ peak will allow to improve precision of measurements by a factor of two and with inclusion of KLOE data $2.4 \cdot 10^{10}$ ϕ 's serves so far as the biggest data sample in e^+e^- collider at this energy.

Collaboration

KLOE-2

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