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The KLOE-2 experiment at DAFNE upgraded in luminosity

The KLOE experiment at the DAFNE e+e- collider of the Frascati Laboratories of INFN is going to start a second data-taking campaign (KLOE-2). The detector has been upgraded with small angle electron taggers, while the insertion near the interaction point of an inner tracker is planned for the next year.
The interaction region of DAFNE has been modified using a crabbed waist scheme. It has been successfully
tested and an improvement in luminosity of about a factor 3 is expected.
The KLOE-2 scientific program aims to further improve the experimental studies on kaon and low energy hadron physics, e.g. CKM unitarity and Lepton universality, CPT symmetry and quantum mechanics, low energy QCD, gamma-gamma physics, the contribution of hadron vacuum polarization to muon anomalous moment.

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