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Searches for low-mass Higgs and dark bosons at BaBar

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Searches for low mass CP-odd Higgs boson (A_0) predicted in non-minimal supersymmetric extensions of the Standard Model, and for dark-sector Higgs-like and gauge bosons motivated by recent astrophysical observations, have been performed at Babar studying the radiative decays of the $Y(nS)$ resonances, with $n=1,2,3$, and multiparticle production in e^+e^- annihilations. Stringent limits on the production of a light Higgs boson and on the SM-dark sector mixing parameter have been set.

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