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## Search for exotic charmonium at BaBar

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One of the most intriguing puzzles in hadron spectroscopy are the numerous charmonium-like states observed in the last decade, including charged states that are manifestly exotic.

Over the years BaBar has extensively studied these states in B meson decays, initial state radiation processes and two photon reactions. We report on recent studies on some of these states performed using the entire data sample collected by BaBar in e+e- collisions at center of mass energies near 10.58 GeV/c^2. Among these, the study of the process B -> J/psi phi K with a search for the X(4140) and X(4270) in their decays to J/psi phi, and a search for charged charmonium-like state  $Zc(3900)^+$  in the decay Y(4260) -> J/spi pi+pi-.

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