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Dark sector search with hadrons at BESIII

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The BESIII experiment has collected 10 billion J/psi events, 2.6 billion psi(3686) events, and about 20 fb⁻¹ psi(3770) data. Various dark sectors produced in e+e- annihilation and hadron decay processes can be searched for at BESIII. In this talk, we report the search for invisible dark photon decay using initial state radiation, invisible muonic Z' boson decay, sigma invisible decay, and search for axion-like particles with a light scalar or vector particle in the decay of J/psi.

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