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Scalors in charmed meson decays

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The nontrivial quark structure of light scalar mesons f0(500), f0(980) and a0(980) remains controversial for many years. In passed years, BESIII studied them via several semileptonic D decays (D0->a0(980)- e+nu, D+ -> a0(980)0 e+nu, Ds+ -> a0(980)0 e+nu, D+ -> f0(500)/f0(980)e+nu, D+ -> f0(500)mu+nu, Ds+ -> f0(500)/f0(980)e+nu). Especially, the measurement of D -> f0/a0 form factor could shed light on the nature of them. In this talk, I will review all studies about light scalar mesons via semileptonic D decays at BESIII. A short outlook would be given based on BESIII new data in the future.

session

B. Hadron Spectroscopy

Primary authors: LIU, Beijiang (Institute of High Energy Physics, Chinese Acedemy of Sciences); ZHANG, Shulei (Hunan University)

Presenter: ZHANG, Shulei (Hunan University)

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