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## Light meson structure on BLFQ

*Thursday 2 December 2021 09:05 (25 minutes)*

We study the light meson with one dynamical gluon on the light-front quantum chromodynamics (QCD) Hamiltonian as well as a three-dimensional confinement. After fitting the light meson mass spectroscopy, the light-front wave function provides a good description of the pion electromagnetic form factor, decay constant, and the valence quark distribution functions following QCD scale evolution.

**Authors:** MONDAL, Chandan; VARY, James (Iowa State University); LAN, Jiangshan (Institute of Modern Physics, CAS); FU, Kay (IMP CAS); ZHAO, Xingbo

**Presenter:** LAN, Jiangshan (Institute of Modern Physics, CAS)

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