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Walking and conformal dynamics in many flavor QCD

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In the search for a realistic walking technicolor model, QCD with many flavors is an attractive candidate. From the series of studies by the LatKMI collaboration, we present updated results of the scaling properties of various hadron spectra, including the (pseudo)scalar, vector, and baryon channels, for $N_f=8$ QCD with the HISQ action. By comparing these with $N_f=12$ QCD, which has properties consistent with conformality, possible signals of walking dynamics will be discussed.

Primary authors: SHIBATA, Akihiro (Computing Research Center, KEK); Dr BENNETT, Ed (Swansea University); Dr RINALDI, Enrico (Lawrence Livermore National Laboratory); Dr OHKI, Hiroshi (RIKEN); NAGAI, Kei-ichi (KMI, Nagoya University); MIURA, Kohtaroh (CPT Marseille); YAMAWAKI, Koichi (KMI, Nagoya University); Dr KURACHI, Masafumi (KEK); YAMAZAKI, Takeshi (University of Tsukuba); AOYAMA, Tatsumi (KMI, Nagoya University); MASKAWA, Toshihide (KMI, Nagoya University); AOKI, Yasumichi (KMI, Nagoya University)

Presenter: Dr OHKI, Hiroshi (RIKEN)

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