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Chiral behavior of light meson form factors in 2+1 flavor QCD with exact chiral symmetry

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We present a study of the chiral behavior of light meson form factors in QCD with three flavors of overlap quarks. Gauge ensembles are generated at single lattice spacing 0.12fm with pion masses down to 300 MeV. The pion and kaon electro-magnetic form factors and the kaon semileptonic form factors are precisely calculated using the all-to-all quark propagator. We discuss their chiral behavior using the NNLO chiral perturbation theory.

Primary author: Dr KANEKO, Takashi (KEK)

Co-authors: Dr COSSU, Guido (KEK High Energy Accelerator Research Organization); Dr FUKAYA, Hidenori (Osaka University); Dr NOAKI, Jun (KEK); Prof. HASHIMOTO, Shoji (KEK); Prof. AOKI, Sinya (Kyoto University); Prof. ONOGI, Tetsuya (Osaka University); Dr FENG, Xu (Columbia University)

Presenter: Dr KANEKO, Takashi (KEK)

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