



Contribution ID: 204

Type: Talk

## D meson semileptonic decays from lattice QCD with chiral fermions

*Thursday, 16 July 2015 11:20 (20 minutes)*

We report on our study of D meson semileptonic decays in QCD with 2+1 flavors of the Moebius domain-wall fermions. Gauge ensembles are generated at lattice cut-off around 2.4 GeV and pion masses as low as 300 MeV. Relevant form factors are calculated by using the Moebius action also for charm quarks.

**Primary author:** Mr SUZUKI, Takashi (Osaka university)

**Co-authors:** Dr FUKAYA, Hidenori (Osaka University); Dr NOAKI, Jun (KEK); Prof. HASHIMOTO, Shoji (KEK); Dr KANEKO, Takashi (KEK); Dr CHO, Yong-Gwi (Tokyo institute of Technology)

**Presenter:** Mr SUZUKI, Takashi (Osaka university)

**Session Classification:** Weak Decays and Matrix Elements

**Track Classification:** Weak Decays and Matrix Elements