



Contribution ID: 109

Type: **Talk**

K-pi scattering lengths from physical point ensembles

Tuesday, 14 July 2015 14:40 (20 minutes)

I will present preliminary results on K-pi scattering lengths in both $I=3/2$ and $I=1/2$ channels obtained by the RBC-UKQCD collaboration. The continuum results are obtained using two of our Moebius domain wall fermion ensembles - $48^3 \times 96$ and $64^3 \times 128$ - with physical quark masses.

I will demonstrate how the large finite time extent effects which are present with such light quark masses can be controlled.

Primary author: Mr JANOWSKI, Tadeusz (University of Southampton)

Presenter: Mr JANOWSKI, Tadeusz (University of Southampton)

Session Classification: Hadron Spectroscopy and Interactions

Track Classification: Hadron Spectroscopy and Interactions