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## Neutral D-Meson Mixing near the Charm Mass

*Thursday, 16 July 2015 11:00 (20 minutes)*

We will report on the RBC/UKQCD charm project with (2+1)-flavor Domain Wall fermions at the physical point, and present progress on the determination of the matrix element of the  $VV+AA$  operator, and the Bag and  $\chi$ -parameters in the region of the physical charm quark mass. We will address the region of practical use of the domain wall action for heavy quark simulation and outline a strategy for the renormalization, continuum extrapolation and possibly extrapolation in heavy quark mass.

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