

1) any additional comments on the problems we discussed during the workshop

A comment on lattice studies of broad scalar $D_0^*(2400)$ resonance:

I would like to point out again our experience: if this resonance is above threshold in a lattice simulation

($m_{D_0^*} > m_D + m_\pi$), our ground state from variational analysis is $D(0)\pi(0)$, not $D_0^*(2400)$ (our m_π is 266 MeV).

This is true also if we take only $q\bar{q}$ interpolators in the variational interpolator basis. The same applies for the simulation of the broad axial $D_1(2430)$ - our ground state is $D^*(0)\pi(0)$. The presence of the scattering energy levels $D(0)\pi(0)$ might be the reason for certain problems in simulation of the spectrum and form factors related to these states.

2) proposition from theorists to the experimental groups for a new measurement

Confirm by an independent experiment the BaBar 2010 results on excited D-meson spectrum (radial and orbital excitations).

3) comments from experimentalists on the feasibility of the further measurement