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Rho meson at finite temperature from unquenched lattice QCD

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We present results of rho meson mass in lattice QCD with two degenerate flavours of dynamical quarks at finite temperature. Our preliminary results show that the ground state mass remains almost unchanged as the temperature is approaching to the critical temperature from the below. Above T_c , we find indication that mesonic excitations survive both at finite quark mass and in the physical limit.

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Poster

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