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Screening masses and quark free energy at small baryon density

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We will discuss some results about the behaviour of the screening properties of

high-T QCD at finite density. More precisely we will report on the dependence on the baryon chemical potential of the QCD screening masses and of the heavy-quark free energy, as extracted from 2+1 flavours Lattice QCD

simulations at the physical point. While for the screening masses a particularly interesting region to be studied is the one close to the Roberge-Weiss transition, the heavy-quark free energy displays a peculiar behaviour at the

pseudocritical point of the mu_B=0 theory.

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