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## Screening masses and quark free energy at small baryon density

*Monday, 21 May 2018 18:30 (0 minutes)*

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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