

## Locating the critical end point

*Tuesday 8 August 2017 15:00 (30 minutes)*

In this talk I will summarize our recent efforts to determine the location of the critical end point within the framework of Dyson-Schwinger equations. We work in an approximation that reproduces lattice results for the temperature dependent condensate and the unquenched gluon propagator at zero chemical potential.

I discuss results for the phase diagram with 2+1 and 2+1+1 quark flavours at physical quark masses. Furthermore I summarize results for the corresponding quark spectral functions and discuss their temperature dependence.

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