Contribution ID: **22** Type: **Talk**

Lattice QCD at finite baryon density

Friday 7 July 2017 13:00 (30 minutes)

New approach to computation of canonical partition functions in Nf = 2 lattice QCD is presented. Results obtained by the new method are compared with results obtained by known method of hopping parameter expansion.
Results for the number density and canonical partition functions obtained in the confining and deconfining phases at imaginary chemical potential are used to compute physical quantities at the real chemical potential.

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Session Classification: Morning session