



Contribution ID: 381

Type: **Poster Presentation**

QCD Thermodynamics with stabilized Wilson fermions

Tuesday, August 9, 2022 8:00 PM (1 hour)

Stabilized Wilson fermions are a reformulation of Wilson clover fermions that incorporates several numerical stabilizing techniques, but also a local change of the fermion action - the original clover term being replaced with an exponentiated version of it. We intend to apply the stabilized Wilson fermions toolbox to the thermodynamics of QCD, starting on the $N_f=3$ symmetric line on the Columbia plot, and to compare the results with those obtained with other fermion discretizations.

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Session Classification: Poster

Track Classification: QCD at Non-zero Temperature