Contribution ID: **236** Type: **Poster**

Progress in generating gauge ensembles in OpenLat

Tuesday, 30 July 2024 18:15 (1 hour)

We presents the status of our program to generate $n_f = 2 + 1$ quark flavor gauge configurations using stabilized Wilson fermions within OpenLat. Updates on our ongoing production at the four lattice spacings $a = 0.12, 0.094, 0.077$ and 0.064 fm are shown and, aside from the flavor symmetric point, advancements in going towards physical pion masses are discussed. High-statistics ensembles are now available at $m_\pi \simeq 300$ MeV for all lattice spacings, and additionally we show preliminary results at $m_\pi \simeq 200$ MeV and lower.

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Session Classification: Poster session and reception

Track Classification: Hadronic and Nuclear Spectrum and Interactions