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F2: (2+1+1)-flavor QCD equation of state on coarse lattices

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We present recent results on the QCD equation of state (EoS) with 2+1+1 flavors of highly improved staggered quarks (HISQ). The EoS is calculated with high statistics on lattices with temporal extent $N_\tau = 6$ and 8. The available temperature range extends up to about 960 MeV. The strange and charm quark masses are tuned to the physical values while the light quark mass corresponds to the pion mass of about 300 MeV in the continuum limit.

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