

Recent results on lattice QCD thermodynamics

Monday, July 11, 2016 4:00 PM (1 hour)

I review recent results on QCD thermodynamics from lattice simulations. In particular, I will focus on the QCD equation of state at zero and finite chemical potential, the curvature of the phase diagram and fluctuations of conserved charges. The latter will be compared to experimental data, to the purpose of extracting the chemical freeze-out temperature and chemical potential from first principles.

Presenter: RATTI, Claudia (University of Houston)

Session Classification: Plenary