

Talk 9 - Christian Schmidt (Bielefeld University, Germany): Lattice Fundamentals and equation of state

Thursday 30 October 2025 09:00 (1h 30m)

After a short motivation for lattice methods in general, I will introduce the fermionic path integral and discuss fermionic cutoff effects at finite temperature. I will then discuss a lattice calculation of the equation of state at zero chemical potential and its connection to perturbation theory at high temperature and to the hadron resonance gas at low temperature