

# XVth Quark Confinement and the Hadron Spectrum



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## QCD thermodynamics with dynamical chiral fermions

*Wednesday 21 August 2024 15:30 (30 minutes)*

We discuss the properties of Quantum Chromodynamics obtained by means of lattice simulations with the overlap fermion discretisation. This fermion discretization preserves chiral symmetry even at finite lattice spacing. We present the details of the formulation, results for the chiral observables and discuss the (chiral) properties of finite temperature QCD around the phase transition.

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