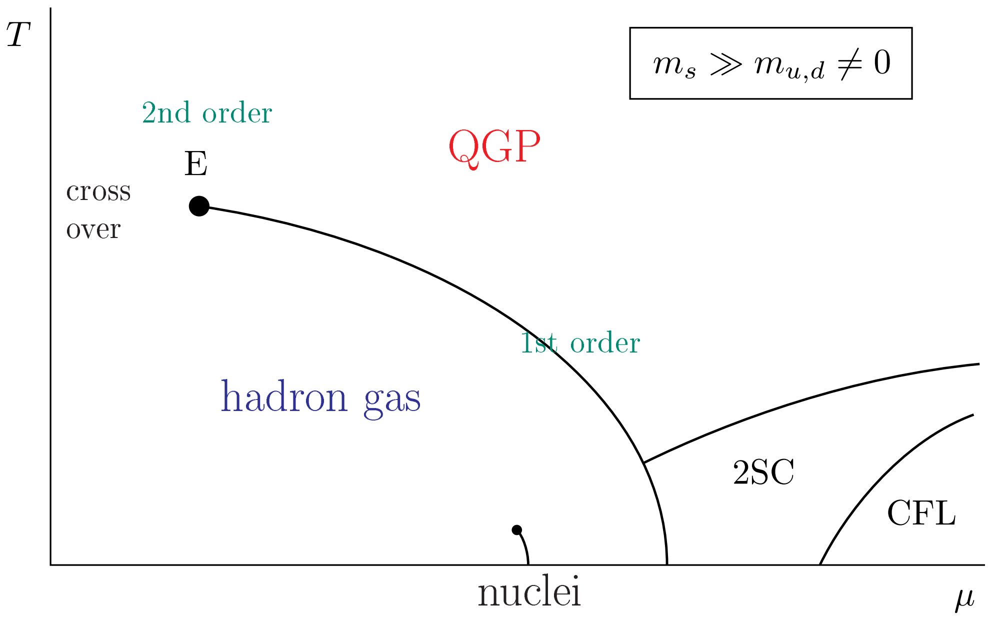
what kind of phase transition ?

Rajagopal,Wilczek



observable signals of the phase transition:

- first order – phase coexistence
  - long-lived mixed phase
  - strangeness destillation – strangelets
  - disoriented chiral condensate (DCC)
- second order – critical density fluctuations
- low pressure stage – reduction of expansion flow

discovery of deconfinement verifies an important prediction of QCD