**Division of Particles and Fields
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Deconfinement and chiral transition in QCD at finite temperature

Tuesday 9 August 2011 14:00 (30 minutes)

I am going to discuss new lattice results on the deconfinement and
chiral aspects of the transition in QCD at non-zero temperature.
I will report on calculations performed using the Improved
Staggered Quark action on Nt=6, 8 and 12 lattices. I will
show continuum extrapolation for several quantities that are discussed
in connection with the transition at non-zero temperature as well
as the determination of the chiral transition temperature in the continuum
limit. Finally I will discuss new findings for the equation of state.

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