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De-Confinement and Percolation in nucleus-nucleus and hadron-hadron collisions

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A possible phase transition of strongly interacting matter from hadron to
quark-gluon plasma state has received considerable interest in the past.
What conditions are necessary in the pre-equilibrium stage to achieve
deconfinement and perhaps subsequent quark-gluon plasma formation ?
In this talk the Color String Percolation Model (CSPM) has been explored to describe the initial stages in high energy A-A and *pp* collisions in the soft region. The thermodynamics of clustering can be addressed by extracting
the temperature from the transverse momentum spectra of charged hadrons.
The clustering of color sources has a clear physical basis.
and belongs to the non-perturbative domain of the QCD and manifests
its most fundamental features.

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