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Study of AA Collisions in NA49 at the CERN SPS

P. Seyboth
Max-Planck-Institut für Physik, München
for the NA49 collaboration

- energy density crosses lattice QCD deconfinement threshold in the SPS energy range
- circumstantial evidence for deconfinement at top SPS energy

$\Longrightarrow$ search for threshold phenomena

- energy scan: Pb+Pb data at 20,30,40,80,158 A·GeV
  - particle yields and model interpretation
  - pion interferometry
  - charge fluctuations
  - anisotropic flow
- system size dependence at 158 A·GeV