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## Strange hadron effective temperatures in relativistic nuclear collisions

One of the main goals of the relativistic nuclear collisions studies is to investigate the behavior of nuclear matter under extreme conditions of temperature and energy density. Strange and multi-strange hadrons can provide valuable information related to the properties of the created system and the onset of deconfinement. The energy and centrality dependence of the effective temperatures obtained from the analysis of transverse momentum spectra of charged kaons,  $\phi$ ,  $\Lambda$ ,  $\Xi$  and  $\Omega$  produced in Au+Au collisions at the Relativistic Heavy Ion Collider (RHIC) Beam Energy Scan (BES) energies will be presented. These results will be compared with previous results from AGS, SPS and RHIC experiments.

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### Collaboration / Activity

None

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