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Recent results from NA61/SHINE

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Summary

The NA61/SHINE experiment aims to discover the critical point of strongly interacting matter and study the properties of the onset of deconfinement. For this goal the scan through two dimensional phase diagram ($T-\mu_B$) is being performed at the SPS by measurements of hadron production in proton-proton, proton-nucleus and nucleus-nucleus interactions as a function of collision energy and system size.

In this contribution intriguing results on the energy dependence of hadron spectra and yields in inelastic p+p and centrality selected Be+Be collisions will be presented. In particular, the energy dependence of the signals of deconfinement, the “horn”, “step” and “kink”, in p+p interactions will be presented and compared with the corresponding results from central Pb+Pb collisions from NA49.

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