

Latest results from the NA61/SHINE experiment

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The NA61/SHINE experiment at the CERN Super Proton Synchrotron is pursuing a rich programme on strong interactions, which covers the study of the onset of deconfinement and aims to discover the critical point of strongly interacting matter by performing an energy and system-size scan at the full CERN SPS beam momentum range. So far the scans of p+p, p+Pb, Be+Be, and Ar+Sc have been completed, Xe+La collisions will be registered this year, and samples of Pb+Pb data at three energies have been already taken.

Results from the different reactions are now emerging, in particular the energy dependencies of hadron spectra and yields as well as fluctuations. Status and preliminary results from this effort will be presented, as well as an outlook for future extensions of the strong interaction programme.

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