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## News on spectra from the NA61/SHINE experiment.

*Thursday, July 6, 2017 6:00 PM (15 minutes)*

NA61/SHINE is a fixed target experiment at the CERN Super-Proton-Synchrotron. The main goals of the experiment are to discover the critical point of strongly interacting matter and study the properties of the onset of deconfinement. In order to reach these goals, a study of hadron production properties is performed in nucleus-nucleus, proton-proton and proton-nucleus interactions as a function of collision energy and size of the colliding nuclei.

In this talk, recent results of particle production in p+p interactions, as well as Be+Be and Ar+Sc collisions in the SPS energy range are reviewed. Transverse momentum, transverse mass and rapidity spectra obtained with various analysis methods are presented. An implication of collective flow in central collisions of larger systems is discussed as well as surprises in studies on signatures of onset of deconfinement. The results are compared with available world data.

### Experimental Collaboration

NA61/SHINE

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