Contribution ID: **97** Type: **Plenary Session**

Spectra and multiplicities from NA61/SHINE

Monday 7 August 2017 11:30 (30 minutes)

One of the main physics goals of the NA61/SHINE programme on strong interactions is the study of the properties of the onset of deconfinement. This goal is pursued by performing an energy (beam momentum 13A - 158A~GeV/c) and system size (p+p, p+Pb, Be+Be, Ar+Sc, Xe+La) scan.
This talk reviews results and plans of NA61/SHINE.
In particular, recent inclusive spectra in inelastic p+p and centrality selected Be+Be, Ar + Sc interactions at the SPS energies will be shown. The energy dependence of quantities inspired by the Statistical Model of the Early Stage (kink, horn and step) show interesting behavior
in p+p collisions, which is not described by Monte-Carlo models.
Moreover a comparison with Be+Be and other heavy ion experiments
will be performed.

Author: PULAWSKI, Szymon (University of Silesia)

Presenter: PULAWSKI, Szymon (University of Silesia)

Session Classification: Plenary

Track Classification: Plenary Session