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# Hadron yield ratios in dynamical core-corona initialization from small to large systems

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The quark-gluon plasma (QGP) formation in small colliding systems is implied from various experimental data at LHC and RHIC. Focusing on one of them, the particle yield ratio, we investigate a possibility of the QGP formation through the dynamical core{corona initialization (DCCI) model. We extend the conventional core{corona picture introducing it into the dynamical initialization framework and demonstrate a dynamical separation of core and corona. In this talk, I give motivation and detailed modeling of the DCCI, and show results of particle yield ratios as a function of multiplicity in p-p, p-Pb and Pb-Pb collisions. I also mention some thoughts on particle yield ratios in p-O and O-O collisions.

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