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Strangeness production in nucleus-nucleus collisions at SIS energies

Wednesday 27 September 2017 11:00 (25 minutes)

SMASH (Simulating Many Accelerated Strongly-interacting Hadrons) is a new hadronic transport model designed to describe the non-equilibrium evolution of heavy-ion collisions. We discuss two different strangeness production mechanisms: one based on resonances and another one using forced canonical thermalization. Comparisons to experimental data from elementary and heavy-ion collisions are shown.

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