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## **Interfacing Pythia with URQMD, a hadronic rescattering MC**

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In Monte Carlo generators for pp physics, the possibility of hadronic rescatterings after hadronization is often neglected, but in heavy ion collisions such effects are ubiquitous. I will present a recent exploratory study, where the Pythia heavy ion model Angantyr was interfaced with the URQMD MC for hadronic rescatterings, which revealed large effects for jet observables, often attributed to “jet quenching” effects from a Quark-Gluon Plasma, as well as for flow.

The study points to the necessity of including hadronic rescattering effects when modeling soft observables in heavy ion collisions, but possibly also in high-multiplicity pp.

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