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Medium effects in HF-hadron production, from pp to AA collisions

I will show how a unified picture of HF-hadron production in high-energy hadronic collisions can be developed under the assumption that both in pp and in AA events a small/large drop of hot deconfined matter is formed, affecting the propagation and eventual hadronization of heavy quarks. Our calculations include a transport setup (POWLANG) interfaced with an hadronization model based on a local color neutralization (LCN) mechamism occurring via recombination of opposite-color nearby partons.

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