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# In-medium hadronization in the deconfined matter at RHIC and LHC

## Content :

I will present a model that suggests early hadronization of light quark baryons and mesons based on the formation time of high momentum hadrons in fragmenting jets. I will argue that these objects have to form early due to energy conservation, and that they have a finite probability of survival due to color transparency.

The formation of these color neutral pre-hadrons will likely affect the energy loss in medium for different hadronic final states. It will also lead to an enhanced sensitivity to chiral restoration for in-medium pre-resonances.

I will show specific predictions for RHIC and LHC and suggest experimental verification of these predictions.

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