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### Jet physics at the LHC as probe of the QGP

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Hard partons produced in the initial stage of heavy-ion collisions are ideal probes to study the quark-gluon plasma (QGP). Those hard partons, that fragment into jets, experience a sizable energy degradation as they traverse the hot and dense medium generated in ultra-relativistic heavy-ion collisions. At the LHC regimes, the phenomena connected to the jet quenching unveils new interesting properties of strongly-coupled matter. In this talk results on jets measured in the heavy-ion environment at the LHC are presented. Comparison of the results to model calculations are also discussed.

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