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## Hard probes of the quark gluon plasma at the LHC

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Hard scattering processes in high-energy nuclear collisions produce energetic quarks and gluons that probe the hot and dense matter that is created in the collisions as they escape the collision zone. I will review recent experimental results concerning the production of high-pt particles and jets in heavy ion collisions at LHC and what these results tell us about the interactions between energetic partons and the low-momentum quarks and gluons in the collision and the properties of the hot and dense matter.

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