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Prospects for jet measurements with sPHENIX and in the LHC Run 2

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Measurements of fully reconstructed jets have become a sophisticated tool to probe the properties of the quark gluon plasma created in the collisions of ultrarelativistic heavy nuclei at RHIC and the LHC. This talk will discuss the prospects for what future jet measurements can reveal about the physics of jet quenching in the upcoming 5 TeV Pb+Pb collision data-taking at the LHC Run 2 and in 200 GeV Au+Au collisions at RHIC that are enabled by the sPHENIX detector upgrade.