

Abstract Submitted
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Dynamical magnetic enhancement of light and heavy quark jet quenching at RHIC and LHC ALESSANDRO BUZZATTI, MIKLOS GYULASSY, Columbia University, JET COLLABORATION — New Monte Carlo evaluations of Djordjevic's dynamical generalization of DGLV radiative energy loss are shown to enhance both light and heavy quark quenching similarly in nonuniform expanding geometries. Perturbative magnetic scattering effects in the HTL approximation might still be insufficient to explain present RHIC and future LHC data on heavy quark jet quenching.

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