Organisé conjointement par
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SÉMINAIRE de PHYSIQUE des PARTICULES

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Inclusive dijet productions in pp and AA collisions

Résumé :
In this talk, I will first discuss the systematic calculation of dijet angular correlation and dijet asymmetries in pp collisions. Then, using the above pp results as a baseline, we can further put in the quark-gluon plasma medium effect and extract the corresponding medium transport coefficient at RHIC and the LHC. The dijet processes can serve as direct probes of QGP medium at NLO accuracy and play important roles at RHIC and the LHC. In the end, I will also discuss the further development of jet physics in heavy ion physics.

Vendredi 7 Juillet 2017

11:00

Salle de conférences, bât. 6