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Vorticity and Lambda spin polarization in heavy ion collisions

Summary

Lambda polarization was measured by the STAR collaboration, confirming the existence of extremely large vorticities within the Quark-Gluon Plasma (QGP).

In this talk, I will discuss the vorticity field and Lambda spin polarization in heavy ion collisions. Particularly, the effect of feed down on local Lambda hyperon polarization will be discussed.

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