

专刊

在RHIC和LHC能区双喷注诱发的马赫锥：大爆炸物质的声速

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摘要 A study of Mach shocks generated by fast partonic jets propagating through the quark-gluon plasma (QGP) is reviewed briefly. We predict a significant deformation of Mach shocks in central Au+Au collisions at RHIC and LHC energies compared to those created by a jet propagation through a static medium. Moreover, a new hydrodynamical study of jet energy loss is presented.

关键词 [Mach shocks](#) [quark-gluon plasma](#) [jet](#)

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