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Strong field physics and early time dynamics in heavy ion collisions

Thursday, 7 August 2014 11:00 (30 minutes)

I will give a brief review on the recent progress in strong field physics and its application to early time dynamics of heavy ion collisions. In high-energy heavy ion collisions, there appear two different strong fields: electromagnetic fields and color Yang-Mills fields called glasma. Glasma is responsible for the thermalization process, while the strong electric fields will play a role of probing the early time dynamics.

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