

5th International workshop on heavy quark production in heavy-ion collisions



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Gauge/gravity, thermalization and energy loss

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Holography provides an excellent tool to study (certain) strongly coupled gauge theories, which is especially useful if the state is very far from equilibrium. In this talk I will review current progress on thermalization, which is modelled by black hole formation, and highlight recent progress on energy loss using holography. Unfortunately I will also have to point out many caveats and uncertainties in these computations, in particular in relation to the energy loss of a energetic quark.

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Session Classification: New ideas from theory