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Heavy quarks traversing glasma

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Heavy quarks, which are produced at the earliest stage of relativistic heavy-ion collisions, probe the entire history of the quark-gluon plasma that is created in the collision. Initially the plasma is populated with chromodynamic fields which can be treated as classical. In the talk transport of heavy quarks interacting with such long-wavelength chromodynamic fields will be discussed. The method how to obtain field correlators needed to calculate the collision terms of the transport equation will be presented. Then, the energy loss and momentum broadening of heavy quarks traversing the glasma will be evaluated.

Primary author: CZAJKA, Alina (National Centre for Nuclear Research)

Co-authors: CARRINGTON, Margaret (Brandon University); MROWCZYNSKI, Stanislaw (Jan Kochanowski University)

Presenter: CZAJKA, Alina (National Centre for Nuclear Research)

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