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# The physics of the QCD energy-momentum tensor (2/2)

*Monday, 6 June 2022 14:00 (60)*

In QCD, the energy-momentum tensor has been recognized as a central object allowing one to address the questions of hadron mass, spin and pressure forces. These are key motivations for the physics case of the EIC project in the US. In these two lectures, we will discuss various interesting and non-trivial aspects of the QCD energy-momentum tensor that have recently attracted a lot of attention, like e.g. the questions of its definition, renormalization, decomposition into quark and gluon contributions, interpretation as spatial distributions, sum rules derived from Poincaré symmetry, and links with experimental observables.

Link to the recording:
https://cernbox.cern.ch/index.php/s/Lox76VfCYVbnmYC
Please ask the organizers for the password.

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