



Electromagnetic Effects in Strongly Interacting Matter

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Accurate characterization of the quark-gluon plasma asks for understanding how electromagnetic effects affect the processes mediated by the strong force. All the scenarios in which the plasma emerges, in nature or in the laboratory, involve strong electromagnetic fields. The early universe, compact stars or ultra-relativistic heavy ion collisions harbor the most intense fields we know. In this talk I will discuss several situations where these effects are expected to be relevant and discuss the most recent advances in the topic.