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## Theory Overview

*Sunday 27 September 2015 09:00 (50 minutes)*

I will discuss the basic theory and phenomenology used to describe the physics of heavy ion collisions. This includes the color glass condensate and glasma, viscous fluid dynamics, perturbative methods to describe hard probes and jets, and various aspects of the theory of electromagnetic probes and heavy quarks. This overview cannot be comprehensive but is aimed at introducing the basic concepts.

**Presenter:** SCHENKE, Bjoern (Brookhaven National Lab)

**Session Classification:** Student Day