## 4th International Conference on the Initial Stages in High-Energy Nuclear Collisions



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## Hydrodynamisation at finite coupling

Friday 22 September 2017 10:30 (30 minutes)

This talk will give an overview of recent efforts to understand hydrodynamisation of the quark-gluon plasma away from the infinite coupling approximation. This is done using Einstein-Gauss-Bonnet theory, which reproduces several features of finite coupling physics, such as a larger \eta/s of 0.15. We find that collisions become more transparant, have a slightly wider rapidity profile and hydrodynamise more slowly. We hope to comment on the evolution of fluctuations in the transverse plane and compare this with results at weak coupling.

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