

## **Bjorken Flow of the Quark-Gluon Plasma and Gauge/Gravity Correspondence**

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The contribution presents a brief summary of the Gauge/Gravity approach to the study of hydrodynamic flow of the quark-gluon plasma formed in heavy-ion collisions, in a boost-invariant setting (Bjorken flow). Considering the ideal case of a supersymmetric Yang-Mills theory for which the AdS/CFT correspondence gives a precise form of the Gauge/Gravity duality, the properties of the strongly coupled expanding plasma are put in one-to-one correspondence with the metric of a 5-dimensional black hole moving away in the 5th dimension and its deformations consistent with the relevant Einstein equations. Several recently studied aspects of this framework are recalled and put in perspective. New results in collaboration with Guillaume Beuf and Michal Heller on the early time expansion towards the hydrodynamical regime will be sketched.

**Primary authors:** Dr PESCHANSKI, Robi (IPhT, Saclay); Dr JANIK, Romuald (Institute of Physics, Jagellonian University, Cracow)

**Presenter:** Dr PESCHANSKI, Robi (IPhT, Saclay)

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