



Contribution ID: 7

Type: **plenary**

## **The fluid nature and the viscosity of the quark gluon plasma**

*Tuesday, 5 August 2014 15:30 (30 minutes)*

In this talk, I will briefly review recent progress on the fluid nature and the viscosity of the quark gluon plasma. The related topics include: 1) extracting the QGP shear viscosity from the flow data at RHIC and the LHC 2) initial state fluctuations, final state correlations and event-by-event hydrodynamics, 3) flow and hydrodynamics in p+Pb collisions at  $\sqrt{s_{NN}}=5.02$  TeV.

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**Session Classification:** Plenary session 2