Contribution ID: 29 Type: Talk

## **Lessons from Numerical Holography**

Friday, 15 July 2016 11:45 (45 minutes)

Gauge/gravity duality (or "holography") allows one to calculate highly non-trivial far from equilibrium dynamics in strongly coupled gauge theory — provided one can solve asymptotically anti-de Sitter initial value problems in higher dimensional gravity. Recent results and work in progress in this area will be discussed, focusing on calculations motivated by the physics of heavy ion collisions and thermal gauge theories.

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Session Classification: Plenary