

# Emergent Symmetries in Particle Physics, Cosmology and Condensed Matter Systems

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## Jan de Boer: "Emergent symmetries in AdS/CFT"

*Wednesday 20 June 2018 14:15 (45 minutes)*

It is possible to derive effective actions for fluids using the AdS/CFT correspondence. Recent work on effective actions for fluids has suggested that these actions should be governed by new, somewhat mysterious symmetries. In this talk I will try to explain a possible gravitational origin of these symmetries.

**Session Classification:** Afternoon session