

Symmetry Breaking in Hydrodynamics and Holography

Thursday, 31 March 2022 09:00 (30 minutes)

Symmetries are abundant in physical theories but often broken by Nature. In this talk I will discuss symmetry breaking and how is it incorporated into hydrodynamics – an effective theory for the late time dynamics of conserved quantities. Such hydrodynamic frameworks may in turn be tested by the means of the holographic duality, the principles of which will be presented and some results shown.

Presenter: GRAY, Seán