

Contribution ID: 46

Type: Talk in parallel session

## Localization in Supergravity

Tuesday 3 September 2024 14:00 (30 minutes)

Equivariant localization is a powerful method for performing integrals using fixed point theorems. Recently it has been applied to compute various holographic observables in supergravity without the need for solving any of the supergravity field equations.

In particular the on-shell action takes a prticularly simple form depending only on topological data. I will discuss applications of these techniques in various setups.

## Link to publication (if applicable)

https://arxiv.org/abs/2401.10977 (JHEP) + a few to appear

Author:LUSCHER, Alice (University of Oxford)Presenter:LUSCHER, Alice (University of Oxford)Session Classification:Parallel sessions

Track Classification: Supergravity 1