

Physics Seminar: Pietro Benetti Genolini
Wednesday, February 14•2:00 – 3:00pm

Location: 313

Title: Equivariant localization for AdS/CFT

Abstract: Equivariant localization may be applied to AdS/CFT to compute various BPS observables in gravity without solving the supergravity equations. The key ingredient is that supersymmetric solutions with an R-symmetry are equipped with a set of equivariantly closed forms. These may in turn be used to impose flux quantization and compute observables for supergravity solutions, using only topological information and the fixed point formula.